

# HIGHER EDUCATION

Annual  
Report  
2007-  
2008



सत्यमेव जयते

**DEPARTMENT OF HIGHER EDUCATION**

**GOVERNMENT OF WEST BENGAL**

**ANNUAL REPORT  
OF THE  
DEPARTMENT OF HIGHER EDUCATION**

**2007-2008**



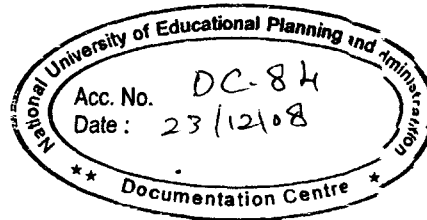
सत्यमेव जयते

**DEPARTMENT OF HIGHER EDUCATION  
GOVERNMENT OF WEST BENGAL  
2008**

**ANNUAL REPORT OF THE DEPARTMENT OF HIGHER EDUCATION, 2007-2008**

June, 2008

© Government of West Bengal



Edited  
&  
Published by Shri Prasadranjan Ray, Additional Chief Secretary  
Department of Higher Education  
Government of West Bengal  
Bikash Bhavan, Salt Lake City  
Kolkata - 700 091

Printed at Hooghly Printing Co. Ltd.  
(A Govt. Company)  
41, Chowringhee Road,  
Kolkata - 700 071.

## FOREWORD

The present volume of the Annual Report of the Department of Higher Education presents the status of higher education in the State of West Bengal during the year 2007-2008 and describes in particular, the activities of the department and also the various organizations and institutions attached to the Department of Higher Education.

A remarkable feature of our higher education system is the balanced approach in expanding the opportunities of higher studies in liberal arts, humanities, social and basic sciences, commerce and in interdisciplinary areas along with the study in science and technology. That our efforts are definitely bearing fruits is reflected in the fact that the number of research publications per faculty in most of these disciplines in our universities compares very well by all India standard. A very large percentage of the research scholars now working in prestigious scientific establishments of our country are young graduates or postgraduates from our universities.

With a view to open up new opportunities to our aspiring young generation, to increase Gross Enrolment Ratio and to reduce gender disparity, the Government has set up 22 new general degree colleges during this financial year. These new colleges under pay packet scheme offer education in basic sciences and humanities mainly in socially and economically backward areas of West Bengal. Two new universities, namely West Bengal State University (Barasat) and Gour Banga University at Maldah have recently been established to cater to the increasing demand for higher education in the semi-urban as well as rural areas of our State.

The W.B. College Service Commission Act has been amended in order to enhance effectiveness of the Commission. The W.B. Council of Higher Education Act has also been amended to give the Council further autonomy.

Another area to which the State Government attaches importance is the improvement in the quality of Distance and Open education. All the universities are taking special care to conform to the standards set by the Distance Education Council for designing course materials and conducting the courses.

During the year 2007-08, three engineering and technological colleges offering various engineering and technology courses have been established on self-financing basis bringing the total number of such colleges to 64 with an approved intake of about 17000.

One of the major problems in the field of engineering education in the country is the shortage of good quality teachers as well engineers in core branches like civil, mechanical, electrical, chemical etc. To address the problems the government and the state universities are trying their best to adopt various means like opening up new opportunities for the in-service teachers to upgrade their academic qualifications and insisting on the authorities of the existing as well as upcoming private engineering colleges to open courses in these core branches, in addition to IT related courses.

The State Govt. is conscious of the increasing cost of education. Effective measures are being taken to ensure that the students coming from the weaker section of the society are not denied access to higher education institutions only due to financial constraints. Apart from various existing scholarship schemes like National Scholarship, National Merit Scholarship, DPI Special Stipend and Hindi Scholarship, a new "Merit cum Means scholarship" scheme has been started from 2006-07.

I hope that this report would help the readers in assessing the higher education scenario of our state, our achievements and shortcomings.

Dated : 29th June, 2008  
Bikash Bhawan,  
Salt Lake, Kolkata - 700 091



**(Sudarsan Raychaudhuri)**  
Minister- in- charge  
Higher Education Department

## PREFACE

This annual report highlights the major activities of the Higher Education Department in the State of West Bengal during the financial year 2007-08. The data available in this compilation would be of use to students, academicians and planners.

The base of Higher Education facilities in the State of West Bengal has expanded considerably in the past few years. There has been a steady growth in the number of institutions and in student enrolment in Colleges and Universities. New institutions have come up in several backward regions, thus improving the accessibility of the Higher Education system to the students. Stress has also been laid among quality upgradation and accordingly new posts of academic and non-academic personnel have been created and appropriate training programmes have been taken up. Eleven engineering institutions of the State received assistances under the World Bank supported Technical Education Quality Improvement Programme (TEQIP) and they have performed well acquiring new equipment, promoting staff development and improving networking of the institutions as also promoting accountability to the community. While TEQIP programme is coming to an end by March, 2009, a second phase of the programme is being planned and it is expected that other technical institutions of the State will also receive benefits from the programme. Qualitative and quantitative expansion of the Higher Education system continues to be our goal and attempts are being made to ensure equity in the educational institutions by bridging the existing social and economic divides in the society. It is expected that these initiative would start yielding results shortly and this would be reflected in the improved participation from backward communities and backward regions.

My colleagues in the Higher Education Department have put in a lot of efforts to put out this <sup>edition</sup> education in time. We know that some errors and mistakes might still have crept in and would like to apologize in advance. The Higher Education Department will be grateful for comments and suggestions to improve the quality of this ~~education~~: <sup>edition</sup>

Dated :.the 27th June, 2008  
Bikash Bhawan,  
Salt Lake, Kolkata - 700 091.



(P. Ray)  
Additional Chief Secretary to the  
Government of West

# **CONTENTS**

<b>FOREWORD</b>	(iii)
<b>PREFACE</b>	(v)
<b>CHAPTER – 1 : HIGHER EDUCATION IN WEST BENGAL AT A GLANCE</b>	<b>1</b>
<b>CHAPTER – 2 : ADMINISTRATIVE SET-UP OF THE HIGHER EDUCATION DEPARTMENT</b>	<b>11</b>
2.1 Introduction	13
2.2 Administrative set up	13
2.3 Functionaries in the Department of Higher Education	16
2.4 Universities and other important Organisations/Institutions attached to the Deptt. of Higher Education	24
<b>CHAPTER – 3 : MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR</b>	<b>33</b>
3.1 Introduction	35
3.2 Policies	35
3.3 Budget of the Higher Education Department	36
3.4 Proposal for extension of affiliation to new subjects in Non-Govt. general degree colleges	40
3.5 Post Graduate courses in General Degree Colleges	50
3.6 Technical education	52
3.7 University education	53
3.8 Non-Government colleges	54
3.9 Government colleges	57
3.10 Measures for quality improvement of Higher Education	57
3.11 Scholarship and Stipend	58
<b>CHAPTER – 4 : ENGINEERING &amp; TECHNOLOGY AND MANAGEMENT EDUCATION</b>	<b>65</b>
4.1 Engineering and Technology Education	67
4.2 Management Education	107
<b>CHAPTER – 5 : UNIVERSITIES</b>	<b>115</b>
5.1 General Information	117
5.2 Calcutta University	122
5.3 Jadavpur University	134
5.4 Rabindra Bharati University	146
5.5 Burdwan University	154
5.6 Kalyani University	169

5.7 North Bengal University	177
5.8 Vidyasagar University	187
5.9 Netaji Subhas Open University	196
5.10 West Bengal University of Technology	200
5.11 Bengal Engineering & Science University	213
5.12 West Bengal State University (Barasat)	219
5.13 Gour Banga University	219
5.14 U. G. C. Recommendation for the 10th Plan	219
<b>CHAPTER – 6 : OTHER UNIVERSITIES</b>	<b>221</b>
6.1 Other State Aided Universities in West Bengal	223
6.2 Central Universities in West Bengal	232
6.3 Institutes of Importance	238
<b>CHAPTER – 7 : COLLEGES</b>	<b>255</b>
7.1 General Information on Govt. and Non-Govt. Colleges	257
7.2 Games and Sports in Colleges	264
7.3 Hostel Facilities in Colleges	264
7.4 Some Salient Features of Colleges	268
<b>CHAPTER – 8 : PROFESSIONAL COURSES</b>	<b>273</b>
8.1 Teachers' Training	276
8.2 Physical Education	285
8.3 Law Education	290
8.4 Computer Education	292
8.5 Art Education	293
8.6 Music	295
8.7 Language Courses	296
<b>CHAPTER – 9 : ACTIVITIES OF THE WINGS OF THE GOVERNMENT, ACADEMIES AND ORGANISATIONS</b>	<b>299</b>
9.1 Institut de Chandernagore	301
9.2 Institute of English	303
9.3 Joint Entrance Examination Board	306
9.4 Netaji Institute for Asian Studies	307



9.5	National Service Scheme (NSS)	309
9.6	Paschim Banga Hindi Academy	313
9.7	West Bengal District Gazetteers	314
9.8	West Bengal State Archives	315
9.9	West Bengal State Book Board	317
9.10	West Bengal State Council of Higher Education	319
9.11	West Bengal College Service Commission (WBCSC)	321
9.12	Day Students' Homes	323
<b>CHAPTER – 10 : RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS ASSISTED BY THE STATE GOVT.</b>		<b>327</b>
10.1	Bankim Bhaban Gabesana Kendra	329
10.2	Centre for Studies in Social Sciences, Calcutta	334
10.3	Jagadis Bose National Science Talent Search	338
10.4	Indian Association for the Cultivation of Science	340
10.5	Institute of Historical Studies	345
10.6	Paschim Banga Itihas Samsad	345
10.7	Ramkrishna Mission Institute of Culture	346
10.8	Socio-Economic Research Institute	351
10.9	Sri Sri Sitaramdas Omkarnath Sanskrit Siksha Samsad	352
10.10	Ramkrishna Mission Ashrama, Narendrapur	354
10.11	Calcutta Mathematical Society	353
10.12	Institute of Science, Education & Culture (ISEC)	361
10.13	Institute of Development Studies, Kolkata	363
10.14	Indian Institute of Science Education & Research	370
<b>APPENDICES :</b>		<b>373</b>
APPENDIX — I (A) :	Subject Code	375
APPENDIX — I (B) :	Colleges and Subjects	376
APPENDIX — I (C) :	Growth of population (India) Selected Education Statistics (MHRD)	443
APPENDIX — II :	Decadal Growth of Colleges	443
APPENDIX — III :	U. G. C. List of Fake Universities	444
APPENDIX — IV :	U. G. C. List of Vocational Subjects	445



*Shri Gopal Krishna Gandhi, Hon'ble Governor, West Bengal, late Dr. Basudev Chattopadhyay former Director, State Archives and Prof. Sudarsan Raychaudhuri, Hon'ble MIC, Higher Education, West Bengal attending opening of the exhibition of "Revolt in the Periphery Bengal, 1857-58" organised during the Celebration of Archives Week (27th September - 3rd October, 2007)*



*Foundation Stone laying ceremony of the Institute of Development Studies Kolkata at Salt Lake*



*Inter Govt. College Sports Competitions 2008*



*IX Inter Non Govt. College State Athletic Meet & Football Championship' 2008  
organised by Education Directorate, Govt. of West Bengal*



*State level Refresher Course for Physical Education personnel working in different degree colleges of West Bengal*



*Laboratory, Govt. College of Engineering & Textile Technology, Serampore*



*Workshop, Govt. College of Engineering & Ceramic Technology, Kolkata*



*Arhyabhatto Central Library, Haldia Institute of Technology*

**CHAPTER - 1**

**HIGHER EDUCATION IN  
WEST BENGAL**

**AT A GLANCE, 2007 - 2008**



## CHAPTER - 1

### HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2007 - 2008

#### A. UNIVERSITIES :

#### (1) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN THE DEPARTMENT OF HIGHER EDUCATION ALONGWITH NUMBER OF AFFILIATED COLLEGES, ETC.

UNIVERSITY	No. of Departments	No. of faculty	No. of teachers	General degree colleges	Eduoation Colleges	Physical Edn. Colleges	Law Colleges	Management Colleges	Art Colleges	Musio Colleges	Home Sc. College	Eng & Tech Colleges	Special Institutes	Total No. of Colleges
1. Calcutta University	59	5	698	168	23	3	8	1	1	1	-	-	1	206
2. Burdwan University	29	2	227	93	21	2	5	-	1	1	-	-	-	123
3. Vidyasagar University	19	3	117	39	10	-	2	-	1	-	-	-	-	52
4. Kalyani University	22	4	245	39	9	1	3	-	-	-	-	-	-	52
5. North Bengal University	22	3	148	64	14	3	2	-	-	-	-	-	-	83
6. Jadavpur University	35	3	636	1	1	-	-	-	-	-	1	-	-	3
7. Rabindra Bharati University	22	3	155	-	-	-	-	-	1	-	-	-	-	1
8. Bengal Engineering & Science University	16	2	208	-	-	-	-	-	-	-	-	-	-	-
9. Netaji Subhas Open University	5	-	12	-	-	-	-	-	-	-	-	-	-	-
10. West Bengal University of Technology	7	-	32	-	-	-	-	8	-	-	-	56	-	64
11. West Bengal State University, Barasat	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12. Gour Banga University	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	-	-	2476	404	78+1*	9***	20	9	4	2	1	56+8**	1+1#	584

\* Bon Hooghly College of Orthopadically Handicapped (Central Govt. aided); Non Govt. College with B.Ed. Deptt. and University B.Ed. Deptt. included.

\*\* Exclude Six University College / Department and two Central Govt. funded institutions;

# Calcutta Madrasah College. Now under minority deptt.

\*\*\* Non Govt. College Physical Education and University Physical Education Deptt. not included.



## HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2007-2008

### (2) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN OTHER DEPARTMENTS :

1. Bidhan Chandra Krishi Viswavidyalaya.
2. West Bengal University of Animal and Fishery Sciences.
3. West Bengal National University of Juridical Sciences.
4. Uttarbanga Krishi Viswavidyalaya.
5. West Bengal University of Health Sciences.
6. Alia University.

### (3) OTHER UNIVERSITIES / DEEMED UNIVERSITY :

1. Ramkrishna Mission Vivekananda Educational and Research Institute (RKMVERI)

### (4) CENTRAL UNIVERSITIES :

1. Visva-Bharati
2. Indira Gandhi National Open University, Regional Centre

## B. INSTITUTES WITH SPECIAL STATUS :

1. Indian Institute of Management, Joka
2. Indian Institute of Technology, Kharagpur
3. Indian Statistical Institute, Baranagar
4. National Institute of Technology, Durgapur
5. Indian Institute of Science Education & Research, Kolkata (IISER-K)

## C. INSTITUTION OF NATIONAL IMPORTANCE :

1. Asiatic Society.

## D. IMPORTANT RESEARCH INSTITUTIONS :

1. Bose Institute
2. Central Glass & Ceramic Research Institute
3. Centre for Studies in Social Sciences
4. Central Mechanical Engineering Research Institute, Durgapur
5. Indian Association for the Cultivation of Science
6. Indian Institute of Chemical Biology
7. Institute of Historical Studies
8. Netaji Institute for Asian Studies

9. Saha Institute of Nuclear Physics
10. Satyendra Nath Bose National Centre for Basic Sciences
11. Variable Energy Cyclotron Centre.

**E. IMPORTANT INSTITUTES/ORGANISATIONS ATTACHED TO THE DEPARTMENT OF HIGHER EDUCATION :**

**1. WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION :**

Planning and co-ordination in the area of Higher Education.

**2. WEST BENGAL COLLEGE SERVICE COMMISSION :**

Conducts University Grant Commission (UGC) Accredited State Eligibility Test (SET), formerly known as SLET for Lectureship in Universities and Colleges of West Bengal as a State Agency and also recommends candidates for recruitment to the posts of principals.

**3. DISTRICT GAZETTEERS :**

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India scheme of revision of gazetteers which were compiled and published during the British Rule. It is engaged in research, compilation and publication of gazetteers and other allied literature. There is an Advisory Committee consisting of scholars and academicians to advise the State Editor.

**4. STATE ARCHIVES :**

The Archives is the repository of old historical records of the Government.

**5. STATE BOOK BOARD :**

The State Book Board was established in 1970. The Board has published 790 Books for undergraduate and postgraduate courses in 31 subjects till last year.

**6. INSTITUT DE CHANDERNAGOR :**

A centre for French language studies. There is also a museum at the Institute.

**7. INSTITUTE OF ENGLISH :**

The Institute was founded by the Govt. of West Bengal in collaboration with the British Council in 1963. It enjoys full academic autonomy in devising courses and syllabus, conducting examinations and conferring diplomas.

## HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2007-2008

### F. COLLEGES :

#### DIFFERENT TYPES OF COLLEGES

Government Colleges	General Degree Colleges	17
	Colleges for Education	8
	Colleges for Physical Education	4
	Art College	1
	Law College	1
	Engineering & Technological Colleges	6
	Calcutta Madrasah College	1
	<b>Total</b>	<b>38</b>
Non-Govt. & Self financing Colleges	General Degree Colleges	387
	Colleges for Education	71
	Colleges for Physical Education	5
	Law College	19
	Home Science College	1
	Music College	2
	Art College	3
	Special Institution	1
	Business Management / Business Administration College	9
	Engineering & Technological Colleges including University Engg. Dept.	58
	<b>Total</b>	<b>556</b>
	<b>Total Colleges in West Bengal</b>	<b>594</b>

**G. SCHOLARSHIPS AND STIPENDS RELEASED :**

The number of scholarships/stipends which were released In the year being reported here (2007-2008), tis indicated below :

National Scholarship (monetary benefit) :

Madhyamik (fresh)	-	257	
Madhyamik (renewal)	-	255	
Higher Secondary	-	38	
Degree (Graduation)	-	29	
High Madrasah	-	6	
	-	<u>585</u>	
National Merit Scholarship	-	611	
D.P.I. Special Stipend (General Stipend)	-	243	
(Ad-hoc grant)	-	116	(distributed among four institutions)
Hindi Scholarship	-	207	
W. B. Govt. Merit-cum-Means Scholarship	-	517	

## HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2007-2008

### H. ENROLMENT OF STUDENTS IN DIFFERENT AREAS OF STUDY IN UNIVERSITIES AND COLLEGES (2007 - 2008)

Areas of Study	Boys				Girls				GRAND TOTAL
	Gen	SC	ST	Total	Gen	SC	ST	Total	
Arts	199259	70651	9315	279225	191921	36459	6035	234415	513640
Science	63726	11207	1933	76866	34606	4613	1014	40233	117099
Commerce	60718	5450	1564	67732	17095	1002	435	18532	86264
Education	6372	1661	315	8348	3532	761	123	4416	12764
Law	2740	358	102	3200	2033	181	82	2296	5496
Engineering	36368	5986	696	43050	9773	1284	193	11250	54300
Management	8340	775	54	9169	4214	305	34	4553	13722
Others	14532	3199	992	18723	9557	1229	319	11105	29828
<b>TOTAL</b>	<b>392055</b>	<b>99287</b>	<b>14971</b>	<b>506313</b>	<b>272731</b>	<b>45834</b>	<b>8235</b>	<b>326800</b>	<b>833113*</b>

\*This excludes enrolment of students in :

- 1) Central universities located in West Bengal, State aided universities attached to the Deptts of Law, Agriculture, Animal & Fishery Sciences and Health & Family Welfare.
- 2) Central Institutes/Institutes managed by Central Agencies etc. located in West Bengal (e.g. ISI, Baranagar, IIM, Joka etc).

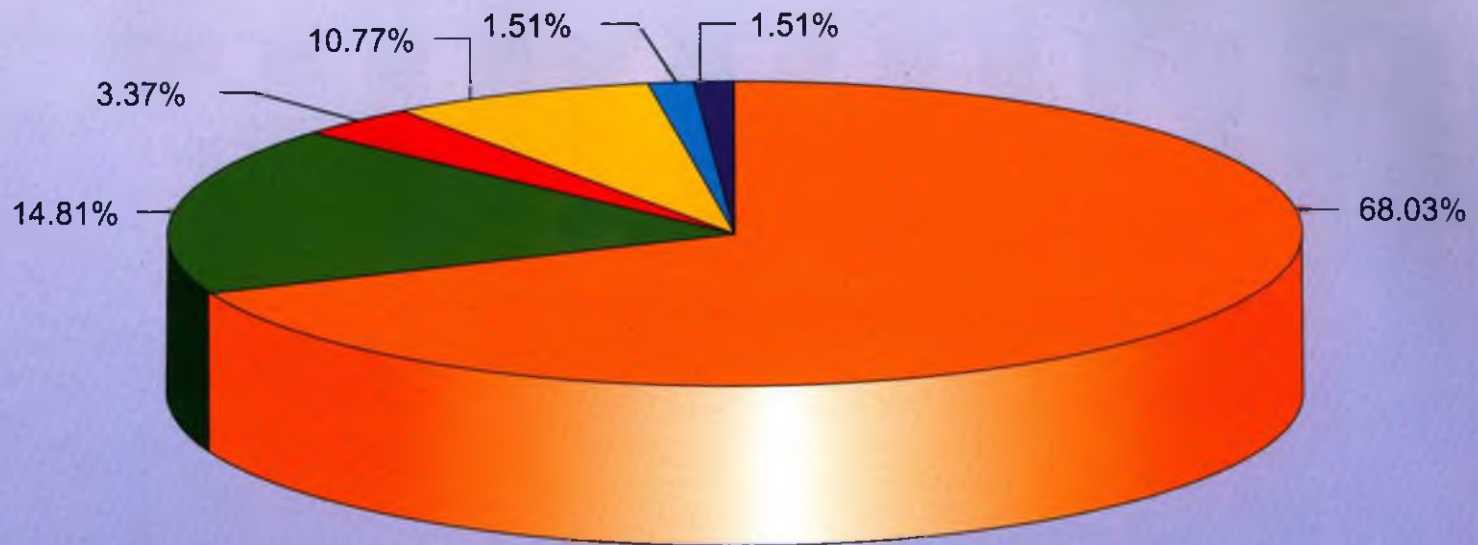
**I. NATIONAL SERVICE SCHEME :**

**An overview of activities undertaken by N.S.S. :-**

There are two broad categories of work done by the N.S.S. volunteers (i) Regular activities and (ii) special camping programmes. All the N. S. S. units under different Universities have undertaken regular activities and special camping programme as usual. As in other years, many N.S.S. volunteers from West Bengal also participated in the National level N.S.S. camps, particularly in the National Integration Camps held elsewhere in India and brought a number of laurels.

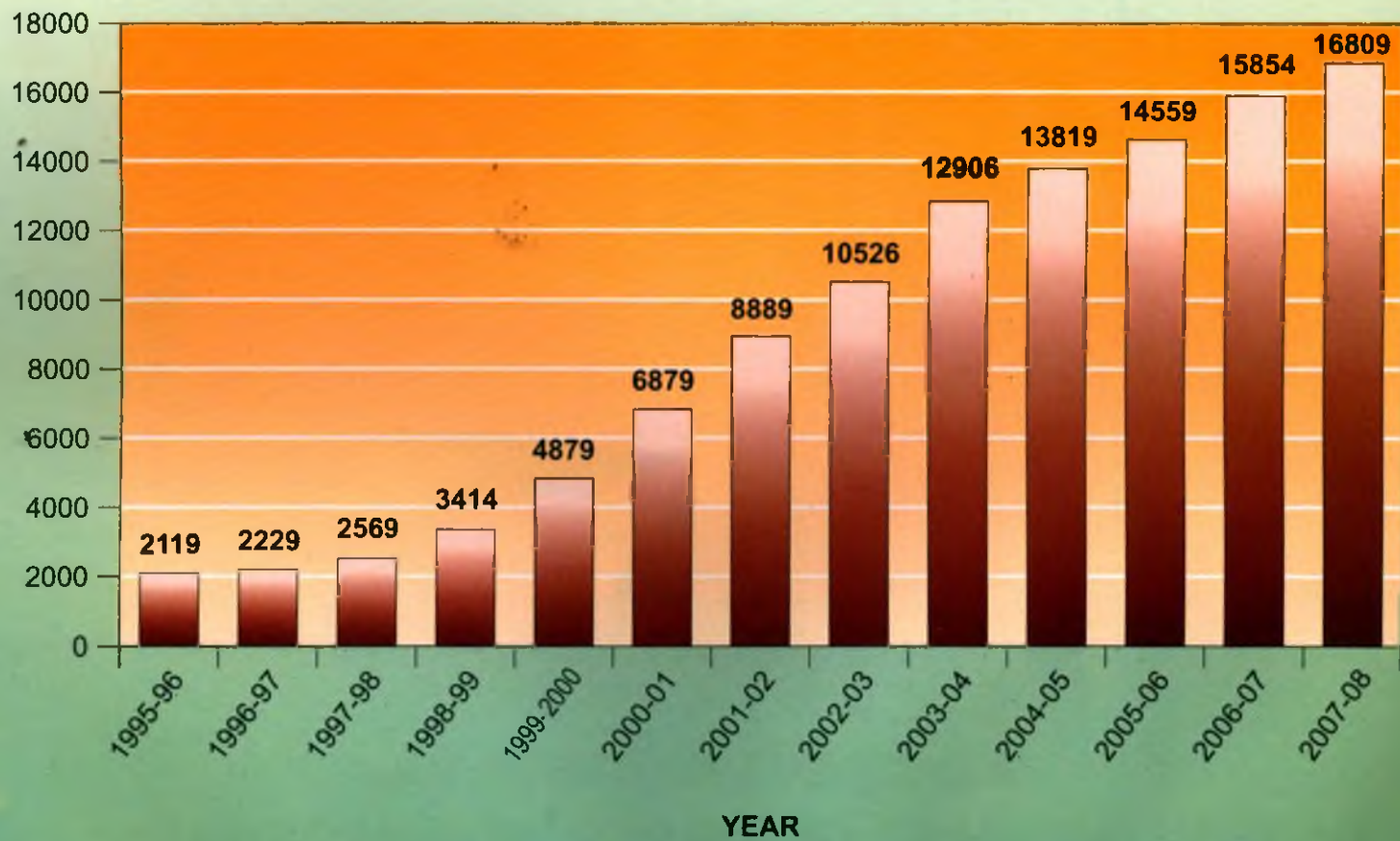
**J. CHARTS / GRAPHICAL REPRESENTATION OF GROWTH OF COLLEGES ETC.**

## DISTRIBUTION OF DIFFERENT CATEGORIES OF COLLEGES IN THE STATE



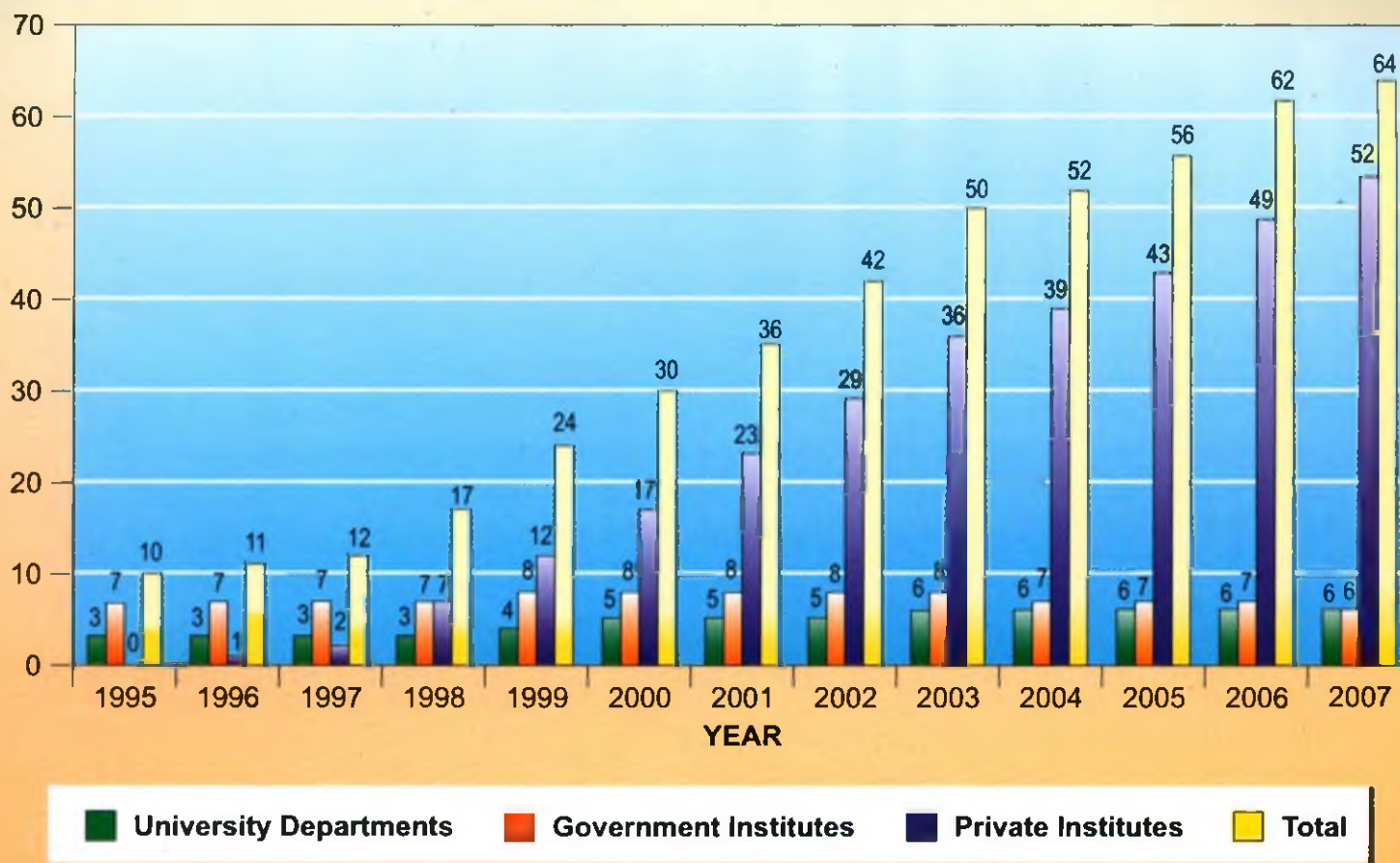
	General Degree Colleges	404		Engineering & Technology Colleges	64
	Teachers Training Colleges	88		Management Colleges	9
	Law Colleges	20		Art. Music, Home Science Colleges	9

## YEARWISE GROWTH OF INTAKE CAPACITY IN B.E./B.TECH COURSES





## Yearwise Growth of Engineering & Technology Institutes offering B.E./B.Tech. courses in the State of West Bengal



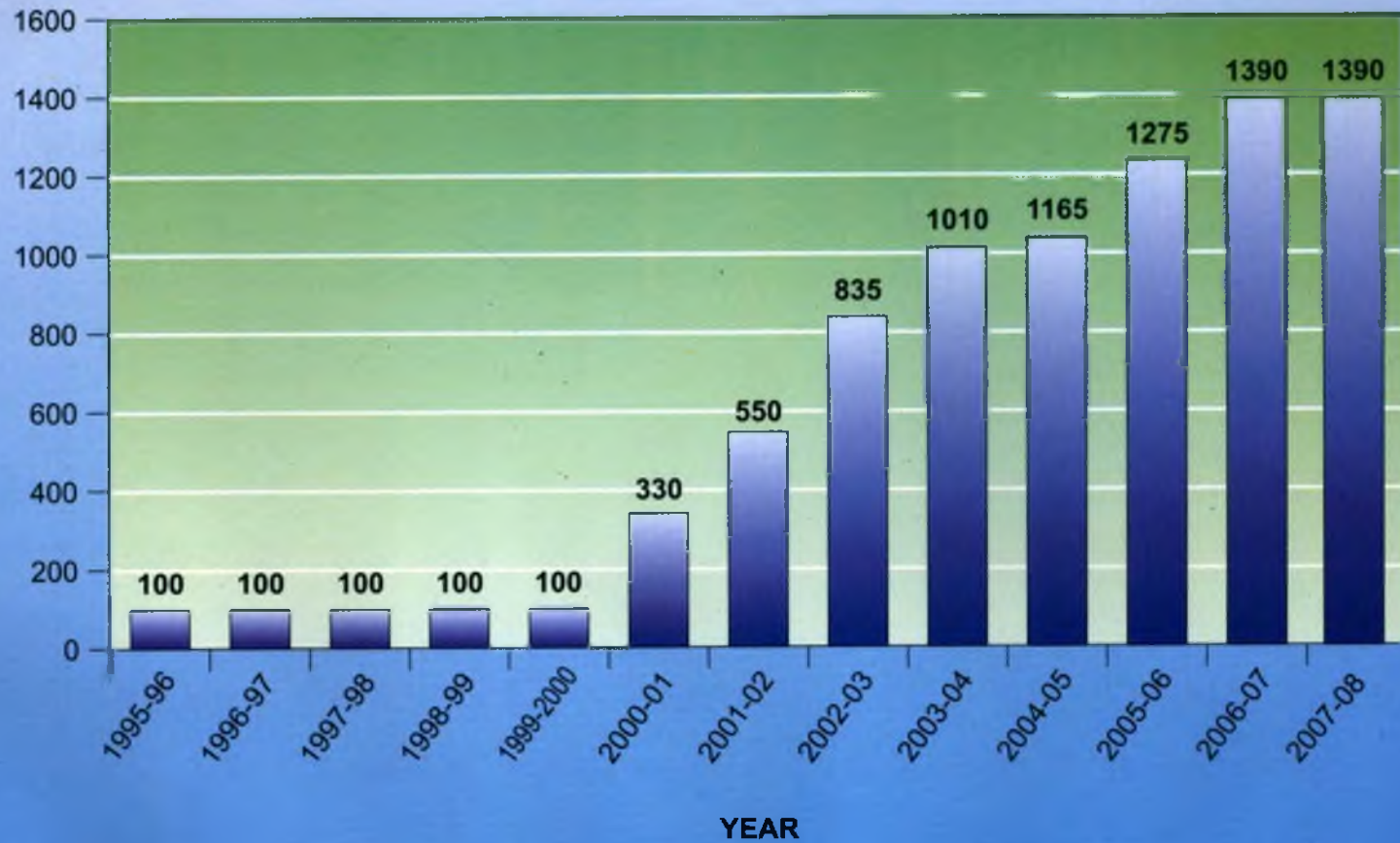
## World Bank-Assisted Govt. Of India Sponsored Programme (TEQIP) Release of Fund to the Programme Institutions & SPFU



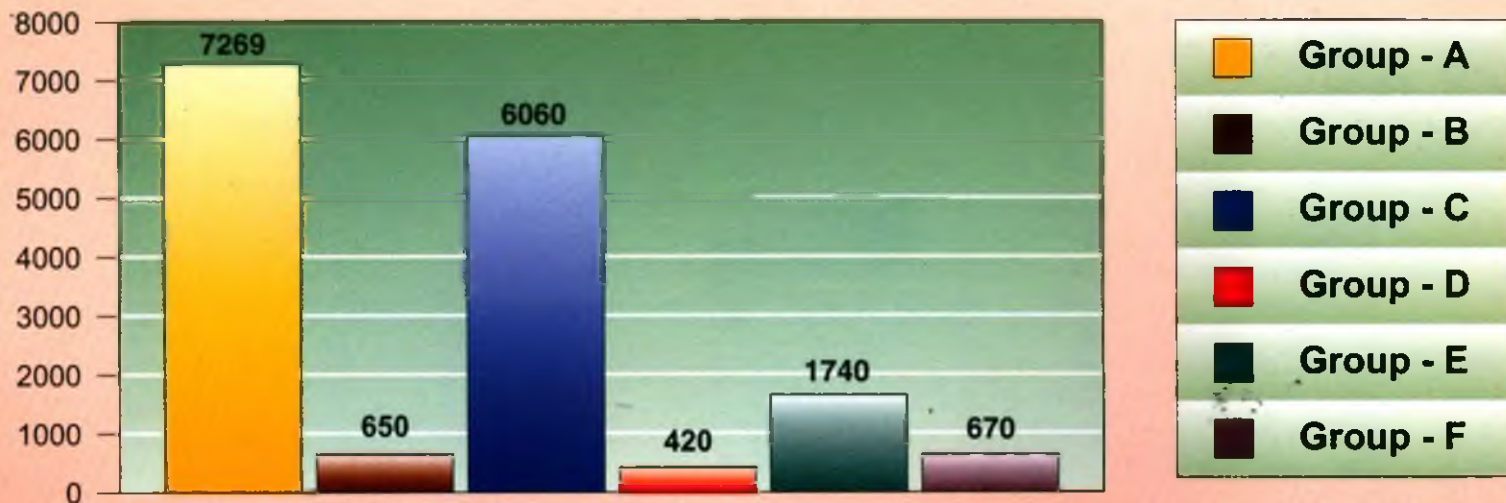
### Institutions selected under TEQIP :

1. Jadavpur University,
2. Bengal Engineering and Science University,
3. University College of Science & Technology (Calcutta University)
4. Kalyani Govt. Engg. College,
5. Jalpaiguri Govt. Engg. College,
6. Govt. College of Engg. & Ceramic Technology,
7. Govt. College of Engg. & Textile Technology, Serampur,
8. Haldia Institute of Technology,
9. Institute of Engineering & Management,
10. Netaji Subhas Engg. College,
11. Asansol Engg. College.

## YEARWISE GROWTH OF INTAKE CAPACITY IN MCA COURSE



## Groupwise distribution of Seats in B.E./B/Tech. Courses in 2007-08



Group - A	Group - B	Group - C	Group - D	Group - E	Group - F
Core Disciplines	Specialized Disciplines	I. T and I. T. Enabled Disciplines	Bio & Allied Disciplines	Newly amalgamated disciplines	Pharmacy
Electronics, Civil, Mechanical, Electrical, Metallurgy, Mining, Marine, Architecture	Leather, Textile, Ceramic, Power, Jute, Production, Printing, Automobile, Food,	Information Technology, Computer Science	Bio-Technology, Bio-Medical Engineering	Applied Electronic & Instrumentation, Electrical & Electronics, Electronics & Instrumentation & Control Engineering	Bachelor of Pharmacy



## **CHAPTER – 2**

### **ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT**

- 2.1 Introduction***
- 2.2 Administrative set up***
- 2.3 Functionaries in the Department of Higher Education***
- 2.4 Universities and other important Organisations / Institutions attached to the Deptt. of Higher Education***



## **CHAPTER – 2**

### **ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT**

#### **2.1 INTRODUCTION**

This report is being published for the 16th year in succession. It presents the status of higher education in the state of West Bengal. It describes in particular, the activities of the Department of Higher Education of the Government of West Bengal for the year 2007-2008. It also contains an account of the activities of different organisations and institutions attached to the Department of Higher Education as furnished by the organisations/institutions themselves. However, the report does not provide information on other departments concerned with education. The report does not have any relevance as a Government Order or official policy pronouncement.

#### **PRESENT STATUS**

The Higher Education Department is the successor to the erstwhile Department of Education. The Department of Mass Education Extension was carved out of the Department of Education to deal with, among other things, the subject of adult education, in terms of Notification No 5106-A.R. dated the 21st April, 1988. The Department of Technical Education & Training was similarly created in terms of Notification No 16129-A.R. dated the 29th June, 1991. The Polytechnic institutions which had so long functioned under the Higher Education wing of the erstwhile Education Department were taken over by the newly created department. Finally, the Education Department was abolished and in its place were created two departments, namely, the School Education Department and the Higher Education Department in terms of Notification No 670-Home (Cons) dated, the 8th Nov, 1995.

#### **2.2 ADMINISTRATIVE SET UP**

The highest executive of the Higher Education Department is the Minister-in-Charge of the Department.

The Principal Secretary is the official head of the Department of Higher Education. He is assisted by Special Secretaries, Joint Secretaries, Deputy Secretaries, Assistant Secretaries and Officers on Special Duty. The Principal Secretary also functions as the Secretary to the Chancellor of the State Universities connected with the Department.



## **ADMINISTRATIVE SET UP**

The Department of Higher Education is comprised of a number of branches and cells, namely, Establishment Branch, Budget Branch, University Branch and Chancellor's Secretariat, Non-Govt. College Branch, Govt. College Branch, Appointment Branch, Technical Education Branch, Archives Branch, Miscellaneous and Social Education Branch, Pension Cell, N. S. S. Cell, Vigilance Cell, Audit Cell and Computer Cell.

## **EDUCATION DIRECTORATE**

The commitment of the Department of Higher Education in financial and administrative matters of the Colleges (Govt. and Non-Govt.) is carried out through the Education Directorate. The Directorate is headed by the Director of Public Instruction who is also an ex-officio Secretary to the Govt. of West Bengal.

The D.P.I. is assisted by Addl. Directors of Public Instruction (A.D.P.I), Joint Directors of Public Instruction (J.D.P.Is), Deputy Directors of Public Instruction, Asstt. Director of Public Instruction. The sections of the Education Directorate which deal with various matters related to the Colleges include Appointment, College (Non-Govt. and Govt.), Pay Packet (PPS), U.G.C., Training, Accounts, Physical Education, Scholarships & Stipends, Planning & Statistics (P & S), Social Education, Hindi Education, National Cadet Corps (N.C.C.) and Law. There are also some special cells under the Directorate, namely, Audit Cell, Integrated Law Cell, etc. The sectional activities are performed under the supervision of different JDPIs, DDPs. Besides, there are Accounts and Administrative Officers who supervise functions like release of pay packet, grants, pension, drawal of salaries etc.

## **DISTRICT LEVEL ADMINISTRATION**

There are three Regional Education Offices under the Education Directorate located in Calcutta, Chinsurah and Jalpaiguri, controlling Presidency, Burdwan and Jalpaiguri divisions respectively. Deputy Regional Education Officers (D.R.E.O.) are in charge of these three offices now. They have the status of an Jt..D.P.I. The D.R.E.O.s assist the D.P.I. in the supervision of the Non-Govt. Colleges. The D.R.E.O., Jalpaiguri also releases the pay packet for colleges in all the districts of Jalpaiguri division excepting Malda district.

## **DIRECTORATE OF TECHNICAL EDUCATION**

The Higher Education Department exercises administrative and financial control over the engineering and technological colleges in this State through the Directorate of Technical Education which is headed by the Director of Technical Education (D.T.E.). The D.T.E. is assisted by an Addl. Director, a Joint Director of Technical Education, Deputy Directors of Technical Education, Assistant Directors of Technical Education and other staff members.

### **THE WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION**

It was established in 1994 with a view to assisting the Department in formulating policy and implementation of certain matters entrusted to it. The office bearers of Council have also been assigned certain statutory functions under the West Bengal Prohibition of Ragging in Educational Institutions Act, 2000.

### **WEST BENGAL COLLEGE SERVICE COMMISSION**

The Commission came into existence in 1979. It prepares merit panels of candidates eligible for recruitment to the posts of Lecturer in different subjects in non-government colleges affiliated to the universities of West Bengal. It also recommend candidates for appointment in the vacant posts of Principal in these colleges. The Commission also organises State level Eligibility Test (SLET) for Lecturership in Universities and Colleges.

### **WEST BENGAL DISTRICT GAZETTEERS**

This wing of the Department publishes or reprints the Gazetteers of different districts of West Bengal, the State Gazetteer and allied literature.

### **PASCHIM BANGA HINDI ACADEMY**

This Academy has been promoting education in Hindi in West Bengal since 1990.

### **STATE ARCHIVES**

It is a specialised wing of the Department of Higher Education functioning as a repository of historical official records.

### **OTHER ORGANISATIONS / INSTITUTIONS ATTACHED TO THE DEPARTMENT**

The organisations/institutes, which come under the administrative and financial jurisdiction of the Department of Higher Education in this State, are :

- (a) Twelve State-aided Universities including Bengal Engineering & Science University,
- (b) Degree Colleges (including professional colleges like Engineering and Technological Colleges, Management, Law, Physical & Teacher's Education but excluding Medical, Veterinary, Dental and Agriculture Colleges),
- (c) Various Academic Institutes & Research Organisations of higher learning,
- (d) State Book Board,
- (e) Paschim Banga Hindi Academy,
- (f) Day Students' Homes.

## ADMINISTRATIVE SET UP

### AUTONOMOUS /VOLUNTARY ORGANISATIONS

Various autonomous/voluntary organisations engaged in the promotion of science, arts and culture and receive grants from the Department of Higher Education. (illustrative) :

- |  |  |
|--|--|
| (a) Bangiya Bignan Parishad.                           | (h) Indian School of Social Sciences.            |
| (b) Bangiya Sahitya Parishad.                          | (i) Institute of Historical Studies.             |
| (c) Centre for Studies in Social Sciences.             | (j) Institute of Science, Education and Culture. |
| (d) Jagadish Bose National Science Talent Search.      | (k) Netaji Institute of Asian Studies.           |
| (e) Indian Association for the Cultivation of Science. | (l) Paschim Banga Itihas Samsad.                 |
| (f) Institute of Development Studies.                  | (m) Socio-economic Research Institute.           |
| (g) R. K. Mission Institute of Culture.                |  |

### 2.3 FUNCTIONARIES IN THE DEPARTMENT OF HIGHER EDUCATION

Minister-In-Charge	Prof. Sudarsan Raychaudhuri	2334-6181 (D) Ext. 3011, 3012 Fax-2337-6783 E-mail : michighedu@wb.gov.in
Private Secretary	Shri Soumitra Sengupta	
Confidential Assistant	Shri Prasanta Dey	

### DEPARTMENT OF HIGHER EDUCATION

Additional Chief Secretary	Shri Prasad Ranjan Roy, IAS	Overall charge of the Deptt. and also the Deptt. of Science & Technology.	2337-8573 (D) Ext. 3091 Fax-2358-7266 E.mail : pshe@wb.nic.in
Special Secretary	Shri Sabyasachi Roy, IAS	Establishment Branch, Budget, Assembly & Parliament Matters – Overall Coordination among different Branches and Sections, State Gazetteers matters, State Archives, Institute of Science Education and Research matters, Alipore Institute of management & Technology, Distance Education, State aided	2337-6564 (D) Ext. 3092

CHAPTER - 2

		universities, law matters, Merit-cum-Scholarship Scheme of the State Govt., Performance of colleges, Dhirubhai Ambani Institute of Information & Communication Technology at Haringhata.	
Joint Secretary	Shri D. C. Chakrabarti, IAS	All matters relating to State-aided Universities including W.B. State Council of Higher Education, All matters in respect of Chancellor's Secretariat, Coordination with GOI-HRD & UGC, Audit matters, Vigilance matters Departmental enquiries, Victoria Memorial Hall, Bankim Bhavan Gabesana Kendra.	2321-2550 (D) Ext. 3098
Joint Secretary & Appellate Authority under RTI Action	Shri M. Biswas, WBCS (Exe.)	Matters relating to Engineering & Tech. and Management Colleges including B.E. College (Govt. portion), WBUT ( Tech. matters), World Bank Scheme (TEQIP), the works of Computer Cell, Statistics/ Annual Reports, Private Engg. & Management Institution, Protocol, E-Governance, Fee Structure Committee, Right to Information Act., Protocol & VIP, DAIICT, NIPER.	2334-2605 (D) Ext.-3094 e-mail : manotosh_biswas@ yahoo.com
OSD & Ex-Officio Joint Secretary	Shri Jltendra Nath Bhattacharya WBCS (Exe.)	C. S. Branch, establishment of new colleges including B.Ed Colleges but excluding Technical Colleges. College Service Commission matter reservation policy, Introduction of new courses in colleges. NAAC matters, Educational Training-BEd/MEd/NCTE, Education etc., State Accreditation of Colleges, Institute de Chandernagar.	2321-0058 (D) Ext.-3102

## ADMINISTRATIVE SET UP

Deputy Secretary	Shri K. K. Bhaumik, WBSS	Appointment Branch (Government Colleges), Government Colleges Branch, DPI's Establishment, S.E. Branch.	2337-6740 (D) Ext. 3024
Deputy Secretary & SPIO under right to Information Act '05	Shri Swaraj Ghosh WBSS	Establishment Branch. Reservation, including OBC, SC, ST, Disability, Pension Cell, Vigilance Cell, Public Grievance Cell.	2337-6740 (D) Ext. 3023
Deputy Secretary	Smt. Ratna Mukhopadhyay WBSS	Budget Branch, Assembly & Parliament matters and coordination, Internal Audit.	2321-0069 (D) Ext. 3065
O.S.D. & Ex-officio Deputy Secretary	Shri Madhab Chakraborty WBCS (Exe.)	C.S. Branch	Ext. 3300
Assistant Secretary	Shri Deb Kr. Ghosh WBSS	State Archives Branch, at Writers' Buildings.	PBX-2214-5600 2214-1339 (D) Ext. 4022
Assistant Secretary	Shri Sanjoy Kr. Paul, WBSS	All matters relating to Engineering Colleges, IIT including B.E. College (Govt. portion), World Bank Scheme (TEQIP).	PBX-2214-5600 2214-1339 (D) Ext. 4022
Assistant Secretary	Shri Zafar Ahmed, WBSS	All matters relating to establishment of all Universities including W.B. State Council of Higher Education Policy, B.E. College (D.U.), W.B.U.T. etc./ Protocol.	Ext. 3055

**CHAPTER - 2**

Assistant Secretary	Shri Subir Das, WBSS	Govt. College Branch, Appointment Branch, DPI's Establishment	Ext.-3034
Assistant Secretary	Shri Bipul Kumar Roychowdhury WBSS	Establishment Branch	2321-1216 (D) Ext.-3028
State Liaison Officer (NSS)	Dr. A. N. Dey	N. S. S. matters.	2334-4734 Ext.-3157
Registrar	Shri Sukumar Roy, WBSS	Establishment, Parliamentary and Assembly matters, Reservations of ST/SC/OBC etc.	2321-1216 (D) Ext.-3068
O. S. D.	Shri Probodh Raha, WBSS	Establishment Branch	2321-1216 (D) Ext.-3062
O. S. D.	Shri Sandip Kr. De, WBSS	Integrated Law Cell (Law matters, Court Cases etc.)	Ext.-3155
O. S. D.	Shri Arun Kr. Mistry, WBSS	Chancellor's Secretariat	Ext.-3073
O. S. D.	Shri Narayan Goswami, WBSS	University Branch	Ext.-3081
O. S. D.	Shri Kartick Ch. Acharyya	C.S. Branch	Ext.-3080
O. S. D.	Shri Nirmal Ch. Chowdhury, WBSS	Appointment Branch	Ext.-3067
O. S. D.	Shri Brata Kumar Das, WBSS	-	-
Accounts Officer	Shri A. N. Mukhopadhyay WBA & AS	Public Accounts Committee and Audit Cell, Budget Branch.	Ext.-3090
Accounts Officer	Shri A. P. Bhattacharyya WBA & AS	Audit - PAC Matters	-
Junior Law Officer	Shri Sukdeb Das	All law Matters	-

## ADMINISTRATIVE SET UP

### EDUCATION DIRECTORATE

Director of Public Instruction & Ex-officio-Secretary Higher Education Department	Dr. Subha Sankar Sarkar	Overall charge of the Directorate	2337-8269 (D) Ext 3242
Additional D. P. I. (Administration)	Dr. Tapan Kumar Karkha	Govt. Colleges Matters; Administration of the Directorate	2334-3980 Ext 3263
Addl. D.P.I. (Physical Education) and State Liaison Officer (NSS) [Addl. charge]	Dr. Atindra Nath Dey	Physical Education & NSS matters	2334-4734 (D) Ext 3149 M : 9830524148
Joint D. P. I. (P & S)	Dr. Shamsul Alam	Planning & Statistics; Law Matters; Supervision of some Non-Govt. colleges (Addl. Charge)	2334-3004 (D) Ext 3262 M : 9433531317
Joint D. P. I. (Pay Packet Section) & Liaison Officer (ROA)	Dr. Debesh Roy	Pay Packet of some Non-Govt. colleges; Authentication of Roster of Apptt. (ROA)	2334-0070 (D) Ext 3261
Joint D. P. I. (UGC)	Dr. Asis Kr. Mukherjee	Service matters of some Non-Govt. colleges	Ext 3153 M : 9830489569
Joint D. P. I. (Hindi)	Vacant		
Joint D. P. I. (UGC)	Subhasish Chakraborty	Service matters of some Non-Govt. colleges	Ext 3274 M : 9433863615
Joint D. P. I. (NGC)	Dr. Madan Mohan Majumdar	Service matters of some Non-Govt. colleges; House building loan matters; DDO of the Directorate	Ext 3150 M : 9433361884
Joint D. P. I. (Training)	Dr. Mili Das	Training Colleges, Pay Packet of Training Colleges	Ext. 3148 2359-1472 (D)
Joint D. P. I. (UGC)	Dr. Bandana Chakraborti	Service matters of some Non-Govt. colleges	2334-0069 (D) Ext 3152

CHAPTER - 2

Deputy D. P. I. (NGC)	Dr. Debdarpan Khan	Service matters of some Non-Govt. colleges	Ext 3151 M : 94337 66682
Joint D. P. I. (UGC) & State Asstt. Public Information Officer	Shri Sandip Kumar Pandit	Service matters of some Non-Govt. colleges Matters concerning Right to Information	Ext 3154 M : 9433304096
D.R.E.O. (Burdwan) & Ex-officio Dy D. P. I.	Shri Shuvra Dey	Inspection of Collges of Presidency Division	Ext 3161 M : 9433911989
D.R.E.O. (Burdwan) & Ex-officio Deputy D. P. I.	Dr. Ashis Ghosh	Supervision of some Non-Govt. colleges	2680-5188 (D) M : 9433772757
D.R.E.O. (Jalpaiguri) & Ex-officio Joint D. P. I.	Shri Krishna Deb Goswami	Supervision of some Non-Govt. colleges; Pay Packet of some Non-Govt. colleges	(03561) 230281 M : 9932012596
Deputy D. P. I. (Scholarship & Stipend) (additional charge)	Shri Subrata Ghosh	NCC matters and Scholarship & Stipend	Ext 3157 M : 9433271418
Administrative Officer	Vacant	To assist in administrative matters	Ext 3155
Joint Director of Public Instruction (Accounts)	Shri Prabir Kumar Das	Management of Fund of Endowment Trusts; P. F. Loans and Advances and other financial matters	Ext 3159
Joint Director of Public Instruction (Pension)	Shri Joydev Pal	Sanction of pension to Non-Govt. college teachers and other staff	Ext 3281
Deputy Director (Accounts) of Public Instruction	Shri Samir Kr. Das	Pay packet of some Non-Govt. Colleges	Ext 3281



## ADMINISTRATIVE SET UP

Deputy Director of Public Instruction	Shri Sachindra Nath Roy	Pay packet of some Non-Govt. Colleges	Ext 3281
Assistant Director (Audit & Accounts) of Public Instruction	Shri Shyamal Goon	Scholarship & Stipend matters	Ext 3272
Assistant Director of Public Instruction (Accounts)	Smt. Sajal Baran Manna	Pay packet of some Non-Govt. Colleges	Ext 3261
Accounts Officer (Internal Audit Cell)	Vacant		Ext 3156
Accounts Officer (Internal Audit Cell)	Shri Sisir Ranjan Palit	Release of pay packets for sponsored colleges and training colleges; Audit of colleges under the control of DPI	Ext 3156
Officer on Special Duty	Dr. Partha Sarathi Chakraborty	In Charges of Scientific Awareness amongst colleges	Ext 3002 2358-9669 (D)
P. A. To D. P. I.	Shri Tapan Kumar Ghatak	To assist DPI in general matters and attending to Leave files of non-gazetted staff in the Directorate	

## DIRECTORATE OF TECHNICAL EDUCATION

Director of Technical Education & Head SPFU - World Bank Project	Dr. Sajal Dasgupta	All matters pertaining to Higher Technical Education in the State.	2334-7077 2321-2608 (D) Ext. 3225 FAX 2334-7077
Addl. Director of Technical Education	Dr. A. Basu	Govt. Engineering & Technology Colleges, Establishment & Law matters, Inspections, etc.	2334-5817 (D) Ext. 3221
Officer- on-Special Duty	Shri P. K. Das	Government & Private Engineering Colleges, Inspections, etc.	Ext. 3209

**CHAPTER - 2**

Deputy Director of Technical Education	Shri P. Das	Govt. Engineering & Technological Colleges, Statistics, Data Processing through Computer, AICTE matters, Joint Entrance related matters, Publication, Merit-cum-Means etc.	Ext. 3222
Joint Director of Technical Education (Audit & Accounts)	Shri Ashutosh Bose	Financial Matters, Drawing & Disbursing Officer	Ext. 3219
Assistant Director of Technical Education	Mrs. Bidisha Mukherjee (Banerjee)	Private Engineering Colleges, Inspection, Law matters, Establishment of new Engg. Colleges, Asstt. State Information Officer	Ext. 3216
Assistant Director of Technical Education	Shri Sunita Karketa	Private Management Institutions, different correspondences with Government and external agencies (except AICTE), Miscellaneous matters of DTE and Inspection.	Ext. 3293
Administrative Officer	Shri Manas Kr. Sau	Office Administration including attendance, leave, Merit-cum-Means, etc.	Ext. 3213
P.A. to D.T.E.	Shri Shefali Koley	Miscellaneous works of D.T.E as and when arises.	Ext. 3211

**WEST BENGAL DISTRICT GAZETTEERS**

State Editor	Shri Ram Bhattacharyya	Overall charge of the office	2334-5400
Deputy State Editor	Vacant		
Asstt. Editor	Vacant		2334-7714
Research Officer (3 posts)	Dr. S. Lodh Shri D. G. Mukhopadhyay	D.O.D. and Research Work Research Work	Ext. 3181

## ADMINISTRATIVE SET UP

### WEST BENGAL STATE ARCHIVES

Director	Dr. Atish Dasgupta	Overall charge of the office	2241-3966 2281-0661
Deputy Director	Smt. Aradhana Ghosh	Establishment	2241-1044
Assistant Director	Shri Subodh Ch. Das	Current Section	2214-5600 2214-1339 Ext. 4022
Assistant Director	Shri Ananda Bhattacharjee	New functional building	2281-0661 Ext. 4022
Chief Archivist	Smt. Sumita Sil	Historical Section	2214-5600 2214-1339 Ext. 4022
Chief Archivist	Dr. Sulagna Roy	New Functional Building	2281-0661

## 2.4 UNIVERSITIES AND OTHER IMPORTANT ORGANISATIONS/INSTITUTIONS ATTACHED TO THE DEPTT. OF HIGHER EDUCATION

### WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

Chairman	Prof. Subimal Sen	Ph. 2466-0209 Fax : 2466-0209 / 2465-9566
Vice Chairman	Vacant	
Jt. Secretary	Dr. Jibendu Roy	Ph. 2466-1005 Fax : 2466-0209 / 2465-9566
Member-Secretary	Dr. Dipak Bhattacharyya	

### VICE-CHANCELLORS OF THE UNIVERSITIES

Calcutta University	Prof. Suranjan Das	Ph : 033-2241-3288 Fax : 033-2241-3288
Jadavpur University	Prof. Pradip Narayan Ghosh	Ph : 033-2414-6000 (M) 9830538567 Fax : 033-2413-7121
Rabindra Bharati University	Prof. Karunasindhu Das	Ph : 2556-8019 2239-1328 Fax : 2556-8079

CHAPTER - 2

Burdwan University	Prof. Subrata Pal	Ph : 95342-2532900 Fax : 95342-2530452
Kalyani University	Prof. Arabinda Kr. Das	Ph : (033) 2582-8690/8220 (M) 9433028690 Fax : (033) 2582-8282
Vidyasagar University	Prof. Swapan Kr. Pramanik	Ph : 953222-275329 Fax : 953222-264338
North Bengal University	Prof. Arunabha Basu Majumdar	Ph : 95353-2699255 Fax : 95353-2699001
West Bengal University of Animal & Fishery Sciences	Prof. C. S. Chakrabarti	Ph : (033) 2556-3450 Fax : 033-2557-1986
Bidhan Chandra Krishi Viswavidyalaya	Prof. D. K. Bagchi	Ph : 2587-9772, 953473-222666 Fax : 03473-222275
Uttar Banga Krishi Viswavidyalaya	Dr. Mrinal Mazumder	Ph. : 03582-270249/270141 Fax : 03582-270249/270726
West Bengal University of Health Sciences	Prof. S. Majumder	Ph : 033-2321-5388 Fax : 2321-5389
Visva Bharati (Central) University	Prof. Rajat Kanta Roy	Ph : 953463-252451 Fax : 953463-252672
Bengal Engineering and Science University	Dr. Nikhil Ranjan Banerjee	Ph : 2668-2674 /4561-64 (M) 9433055558 Fax : 2668-2916
Netaji Subhas Open University	Shri Joydeep Sil (In-charge)	Ph : 033-2283-5156/ 2287-2666 Fax : 2283-5082
The W. B. National University of Judicial Sciences	Prof. B. S. Chimni	Ph: 2335-0534/7379 Fax : 033-2335-7422
Ramkrishna Mission Vivekananda Education And Research Institute (RKMVERI) (Deemed Univeristy Under UGC Act)	Swami Atmapriyananda	Mobile : 9830216636 Telefax : 033-2654-9999
The West Bengal University of Technology	Prof. Sabyasachi Sengupta	Ph : 033-2321-7578 Fax : 23217578
Gour Banga University	Prof. Surabhi Banerjee	
West Bengal State University, Barasat	Prof. A. R. Thakur	
Alia University	Prof. Samsul Alam	

## ADMINISTRATIVE SET UP

### DIRECTORS OF ACADEMIC BODIES / INSTITUTES / WINGS

Director, Netaji Institute for Asian Studies	Dr. Suranjan Das	Ph : 2247-3145
Director, State Archives	Dr. Atish Dasgupta	Ph : 2241-3966
Institute of English	Prof. D. Chatterjee	Ph : 2466-3039
Secretary, Paschim Banga Hindi Academy	Dr. Alakananda Bhattacharya	Ph : 2219-1277
Director, Regional Centre of Indira Gandhi National Open University (IGNOU)	Dr. Sujit Kr. Ghosh	Ph. & Fax : 2334 9850/7576
Director & Regional Officer, Eastern Region, AICTE	Dr. Om Dalal	Ph : 2335-7459 Fax : 2335-9546

### CHAIRMAN / CHIEF EXECUTIVE OFFICER / SECRETARY OF BOARDS / COMMISSION

West Bengal College Service Commission, Chairman	Dr. Himanshu Sekhar Ghosh	Ph & Fax : 2241-4679
Board of Joint Entrance Examination, Chairman	Prof. Siddhartha Datta	Ph : 2668 4890 Fax : 9133-2668-4676
West Bengal State Book Board, Chief Executive Officer	Shri Manab Chakraborty	Ph : 2236-7854

## UNIVERSITIES AND ORGANISATIONS

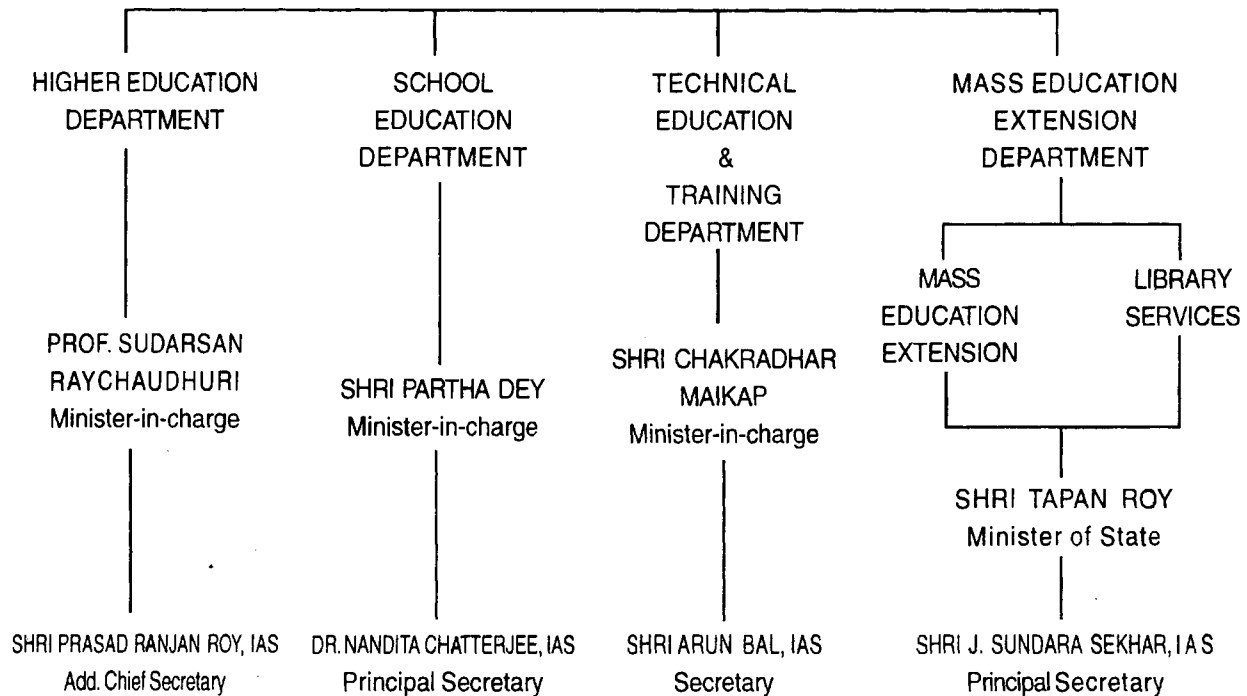
<b>Calcutta University</b>	: PABX-033-2241-0071/4984
Vice-Chancellor	: 033-2241-3288 R-033-2574-7474 Fax : 033-2241-3288
Pro. Vice-Chancellor (Academic)	: 033-2219-3763 R-033-2359-1616
Pro. Vice-Chancellor (Finance)	: 033-2241-4984
Registrar	: 033- 2219-3761, Fax : 2241-8788, R-033-2403-1919
<b>Jadavpur University (Main Campus)</b>	: 033-2214-6666, 6194-6643
Vice-Chancellor	: 033-2414-6000 Fax : 2413-7121, R-2476-8343
Pro. Vice-Chancellor	: 033-2414-6001 R- 2476-8343
Registrar	: 033-2414-6414 R-2418-4903
<b>Rabindra Bharati University (B. T. ROAD CAMPUS)</b>	: PBX-(033) 2556-8019/2543 Fax : 2556-8079
Jorasanko Campus	: 2269-6601/5241/6610/5242
Vice-Chancellor	: 2556-8019/2239-1328 Fax : 2556-8079 R-2455-1210 Qtrs. : 2557-1028
Registrar	: 033-2239-5241/42, 2239-6601, 2239-6610
<b>Burdwan University</b>	: EPABX(0342)-2533-913/914, 2533-917 Fax (0342) -2530-452 TelCode <b>Burdswity</b>
Golap Bag	: EPABX(0342)-556-549, 556-566, 558-554
Vice-Chancellor	: (95342) 2634-900 Fax ( (95342) - 2530452 R-(95342) 2634444 / 2557715 (Krishnapur)
Registrar	: (0342) 2530300 /Extn. 211/ R-2530526 Extn : 212 M : 9434238440
<b>Kalyani University</b>	: (033) 2582-8750
Vice-Chancellor	: (033) 2582-8690/8220 Fax : 2582-8282 Qtr : 2582 8340 [Burdwan R : 24318700/2273]
Registrar	: (033) 2582-2505, Fax : 2582-2505, 2582-8750
<b>North Bengal University</b>	: (0353) 258-1255/2099, Fax : (0353) 258-1212
Vice-Chancellor	: (95353) 2699255 Fax : (95353) 2699001 Qtr : 2699324 [Kol R-2431-8700/2273]
Registrar	: (0353) 2582-099 Fax : 0353-2699-099

## ADMINISTRATIVE SET UP

<b>Vidyasagar University</b>	: PBX: 953222 60554
Vice-Chancellor	: (953222) 275329 Fax : (953222) 275329 (Kol R : 25771361)
Registrar	: (953222) 275-329 R – 03222-275297
<b>Bidhan Chandra Krishi Viswavidyalay (Mohanpur, Nadia)</b>	: Ph. 033-2587-9772/8163, Fax : 033-2587-8163
Vice-Chancellor	: 2587-9772 Fax : 03473-222275 R – 25920088
Registrar	: 2585-8163
<b>University of Animal and Fishery Sciences</b>	: (033)-2556-3450/3396
Vice-Chancellor	: 033-2556-3450 Fax : 2557-1986 R.-2583-7098
<b>West Bengal University of Health Sciences</b>	: (033)-2321-5388/5389 Fax : (033) 2358-0100
Vice-Chancellor	Ph. : 2321-5388 Fax : 2321-5389
<b>The W. B. National University of Judicial Sciences</b>	: (033) 2335-0534/0765 Fax : (033) 2335-0765
Vice-Chancellor	Ph. : 2335-0534/7379 Fax : 033-2335-7422
<b>Bengal Engineering and Science University</b>	: (033) 2668-2674/1503 Fax : (033) 2668-4564
Vice-Chancellor	: 2668-2674/4561-64 Fax : 2668-2916 R : 24751735
Registrar	: 2668-1503
<b>Netaji Subhas Open University</b>	: 033-2287-1056/2666
Vice-Chancellor	: 2283-5156 / 2287-2666 Fax : 2283-5082 R- 2464-2047
Registrar	: 287-0159
<b>West Bengal University of Technology</b>	: 2281-1907/1908
Vice-Chancellor	Tel & Fax : 23217578 (O), R-23596287
Registrar	: 2321-1327
<b>Uttar Banga Krishi Viswa Vidyalaya.</b>	: 03582-270-143/157 Fax : 03582-270-249
Vice-Chancellor	: 03582-270249
<b>Ramkrishna Mission Vivekananda Education And Research Institute (RKMVERI) (Deemed Univeristy Under UGC Act)</b>	Telefax : 033-2654-9999
Vice-Chancellor	Mobile : 98302-16636, E-mail : rkmveri@gmail.com, atmapriyananda@gmail.com,
<b>Visva Bharati</b>	: (953463)- 52-751, 52756
Vice-Chancellor	: (953463) 252451/52481 Fax : (953463) 252672

<b>Public Service Commission</b>	
Chairman	: 2466 0546/1540
Secretary	: 2466-2895
<b>State Minority Commission</b>	
Chairman	: 2439 8877/ Res. 2284 5437
<b>Indira Gandhi National Open University</b> (Regional Office) Bikash Bhaban, Salt Lake	: 2334-7576 Fax : 2334 9850
Director	: 2334-9850/7576
<b>UNIVERSITY GRANTS COMMISSION</b> <b>Eastern Regional Office</b>	: 2335- 4767/335- 47688-0586/4767 Website : www.ugc.sc.in
<b>Urdu Academy</b>	: 2244-8450

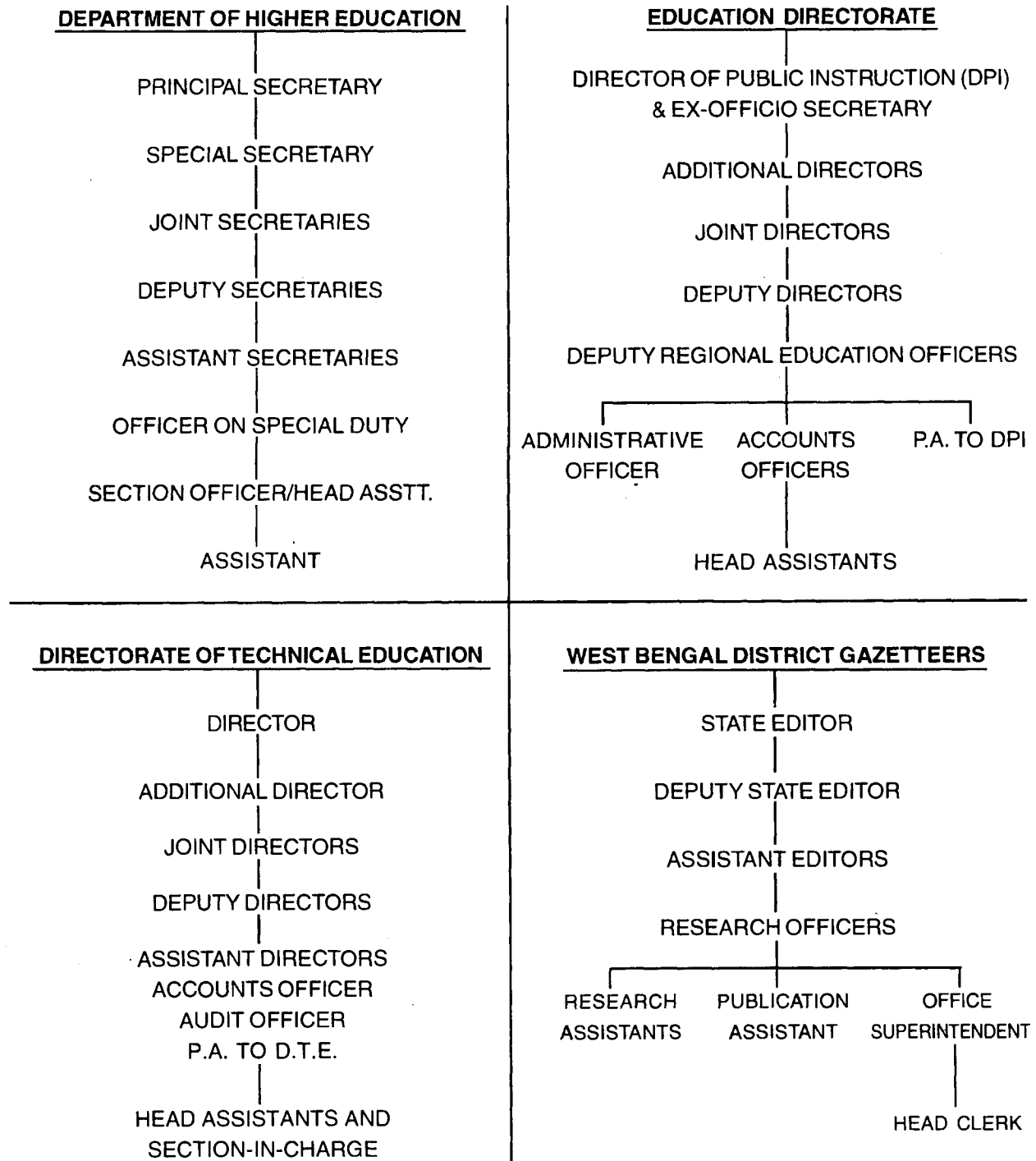
**EDUCATION IN GOVERNMENT OF WEST BENGAL**



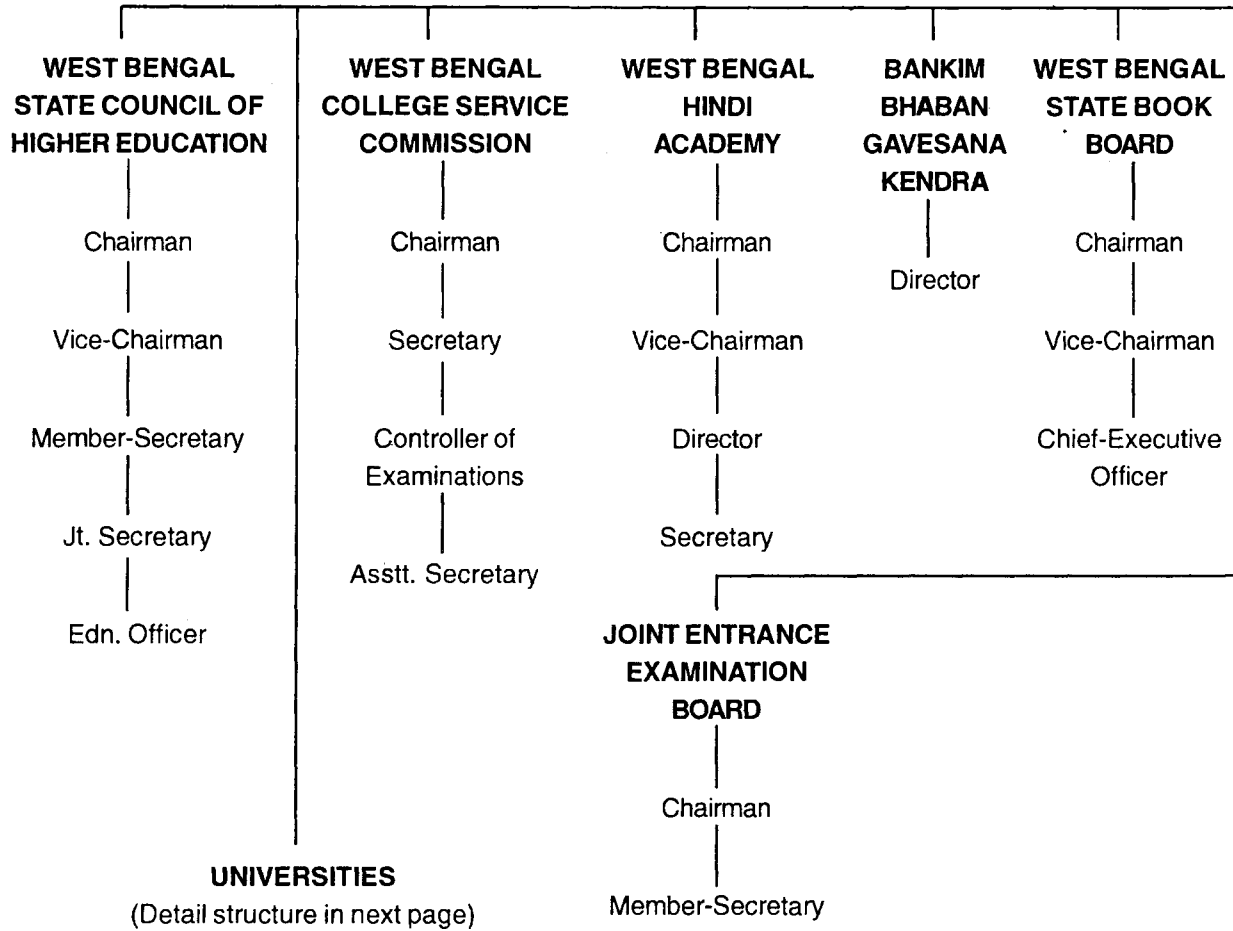


# ADMINISTRATIVE SET UP

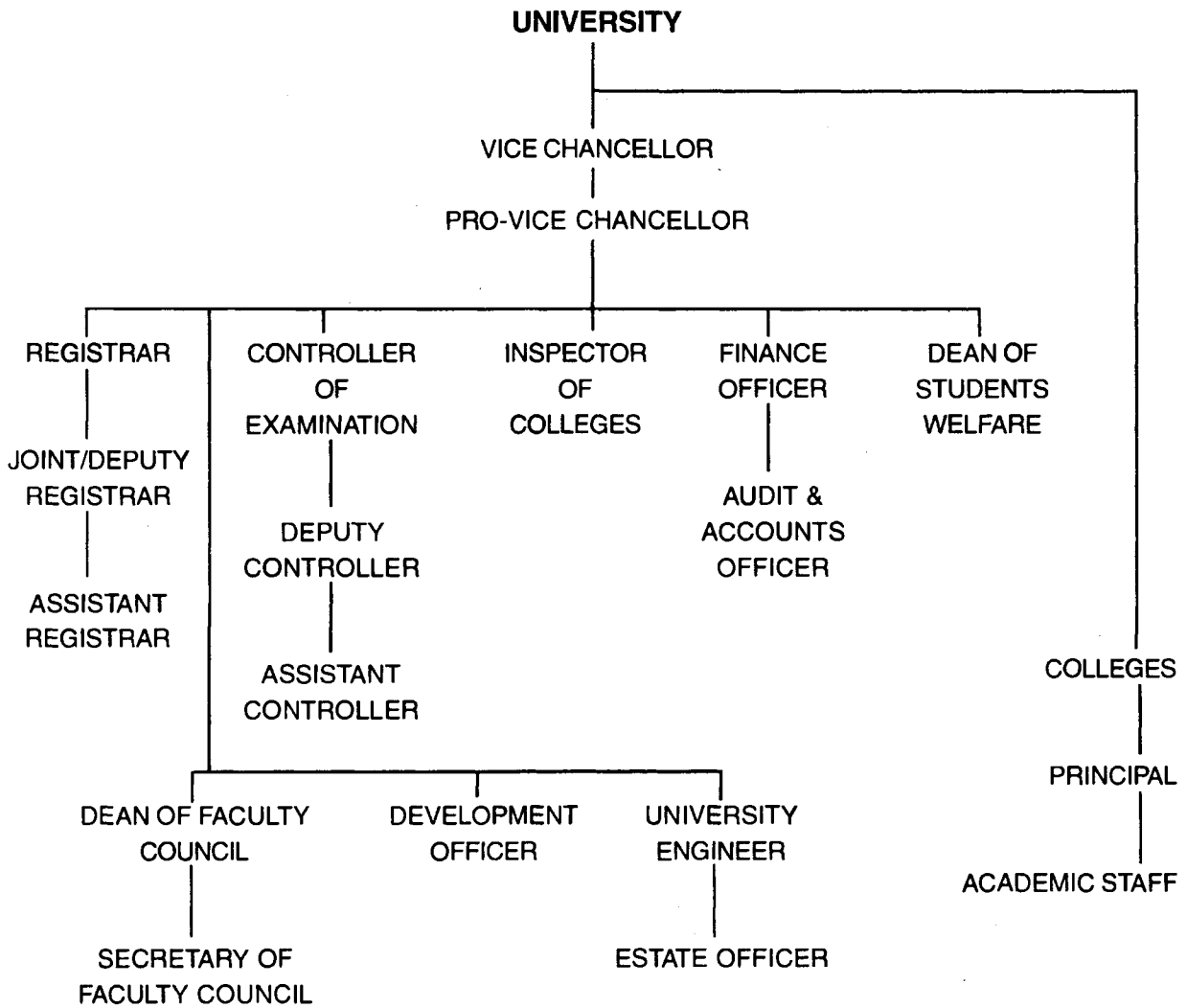
## ADMINISTRATIVE MANAGEMENT



**ORGANISATIONS ASSOCIATED WITH THE DEPARTMENT OF HIGHER EDUCATION**



# ADMINISTRATIVE SET UP



## CHAPTER – 3

### MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

- 3.1 *Introduction*
- 3.2 *Policies*
- 3.3 *Budget of the Higher Education Department*
- 3.4 *Proposal for extension of affiliation to new subjects in Non-Govt. General Degree Colleges*
- 3.5 *Post Graduate courses in General Degree Colleges*
- 3.6 *Technical Education*
- 3.7 *University Education*
- 3.8 *Non-Government Colleges*
- 3.9 *Government Colleges*
- 3.10 *Measures for quality improvement of Higher Education*
- 3.11 *Scholarship and Stipend*



## **CHAPTER – 3**

### **MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR**

#### **3.1 INTRODUCTION**

Two new universities e.g. West Bengal State University, Barasat and Gour Banga University have been established during the year. Out of the three Govt. Degree Colleges proposed to be set up, one college at Siiiguri has already been established. Substantial progress has been made in respect of other two colleges. West Bengal State Council of Higher Education Act, XXXVII of 1994 has been amended. Accreditation status of the colleges (by NAAC) has been improved substantially. Scope for Post Graduate education has been expanded in General Degree Colleges. The State Govt. has provided fund for the construction, repair and renovation of buildings, setting up of laboratories and new class rooms in the universities and colleges. The Government, as in previous years, approved the setting up of self financing colleges including non-government colleges and B.Ed. Colleges under pay packet scheme and sanctioned the creation of teaching and non-teaching posts for these colleges. Govt. also created 1500 teaching posts in non-government colleges, and 125 teaching posts for Govt. colleges apart from creation of 17 posts of professors for Presidency College and provided funds for development of infrastructure. The West Bengal State Council of Higher Education took an active role in coordinating activities of the state universities and advised them on various issues relating to improvement in the quality of Higher Education in the State. The State Govt. has introduced a system for assessing the colleges. To assist the poor and meritorious students, scope of Merit-cum-Means Scholarship has been expanded.

#### **3.2 POLICIES**

The following principles have guided the formulation and implementation of different programmes for higher education.

- (i) Expansion of access to higher education and decentralisation of power-base.
- (ii) Equity in educational opportunity and social justice.

## **MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR**

- (iii) Consolidation and qualitative improvement of colleges and expanding the base of social relevance of higher education.
- (iv) Linkage of education to employment through vocationalization.
- (v) Emphasis on engineering and technological education with special reference to Information Technology and Bio-Technology.
- (vi) Diversification of subject compositions.
- (vii) Emphasis on Basic Science courses and scientific research.
- (viii) Emphasis at the same time on arts, culture, languages, physical education and humanistic values.
- (ix) Mobilisation of internal resources.
- (x) Accountability at all levels.

### **3.3 BUDGET OF THE HIGHER EDUCATION DEPARTMENT**

The total budgetary provision excluding the provision under Central Scheme for the year 2007-2008 and 2008-2009 has been Rs. 8,36,38,89,000 and **9,86,95,01,000** out of which the amount provided in the Plan Budget was Rs. **40,00,00,000** and **1,18,50,00,000** respectively.

**TABLE 1 : BUDGET ESTIMATE (2007-2008) AND (2008-2009) OF THE DEPARTMENT OF HIGHER EDUCATION AT A GLANCE**

Amount in Rupees

Budget Heads	Budget Estimate 2007-2008		Budget Estimate 2008-2009	
	Non-Plan	State-Plan	Non-Plan	State-Plan
Assistance to Universities	2,98,13,65,000	10,65,00,000	3,38,04,85,000	39,47,10,000
Government Colleges and Institutes	56,12,11,000	6,65,00,000	63,93,89,000	15,37,50,000
Assistance to Non-Government Colleges	4,00,71,79,000	4,80,00,000	4,11,08,95,000	34,89,00,000
Institutes of higher learning and Other Expenditure	3,52,29,000	6,49,20,000	5,25,13,000	6,97,30,000
Promotion of Modern Indian Languages	26,79,000	70,20,000	33,73,000	31,20,000
Research, Scholarships, etc.	16,64,57,000	50,60,000	25,21,59,000	61,10,000
Technical Education	15,22,73,000	6,70,00,000	18,19,48,000	15,61,10,000
Physical Education & Youth Welfare (Excluding N.C.C.)	1,54,87,000	1,00,00,000	1,70,71,000	2,53,00,000
Promotion of Art and Culture	3,66,92,000	2,50,00,000	4,10,61,000	2,72,70,000
Surveys and Statistics-Gazetteer & Statistical Memories-4354-02-110-NP-002	53,17,000	NIL	56,07,000	NIL
<b>TOTAL</b>	<b>7,96,38,89,000</b>	<b>40,00,00,000</b>	<b>8,68,45,01,000</b>	<b>1,18,50,00,000</b>
<b>GRAND TOTAL (Non-Plan + Plan)</b>	<b>8,36,38,89,000</b>		<b>9,86,95,01,000</b>	



## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

**TABLE 1(A): STATEMENT OF ANNUAL PLAN ALLOCATION FOR 2006-2007 AND EXPENDITURE INCURRED DURING 2006-2007**

Rs. in lakhs

Head of Development	Outlay for 2006-2007	Revised Outlay for 2006-2007	
1. Higher Education Department	-	-	-
2. Social Services Education, Sports and Youth Services, Arts & Culture			
i) General Education	21,92.00	22,08.85	20,15.83
ii) Sports & Youth Services	64.00	64.00	57.63
iii) Arts & Culture	2,05.75	2,08.75	1,84.61
iv) Technical Education	75,38.20	75,38.20	73,83.65
<b>Total Higher Education :</b>	<b>1,00,00.00</b>	<b>1,00,19.80</b>	<b>96,41.72</b>

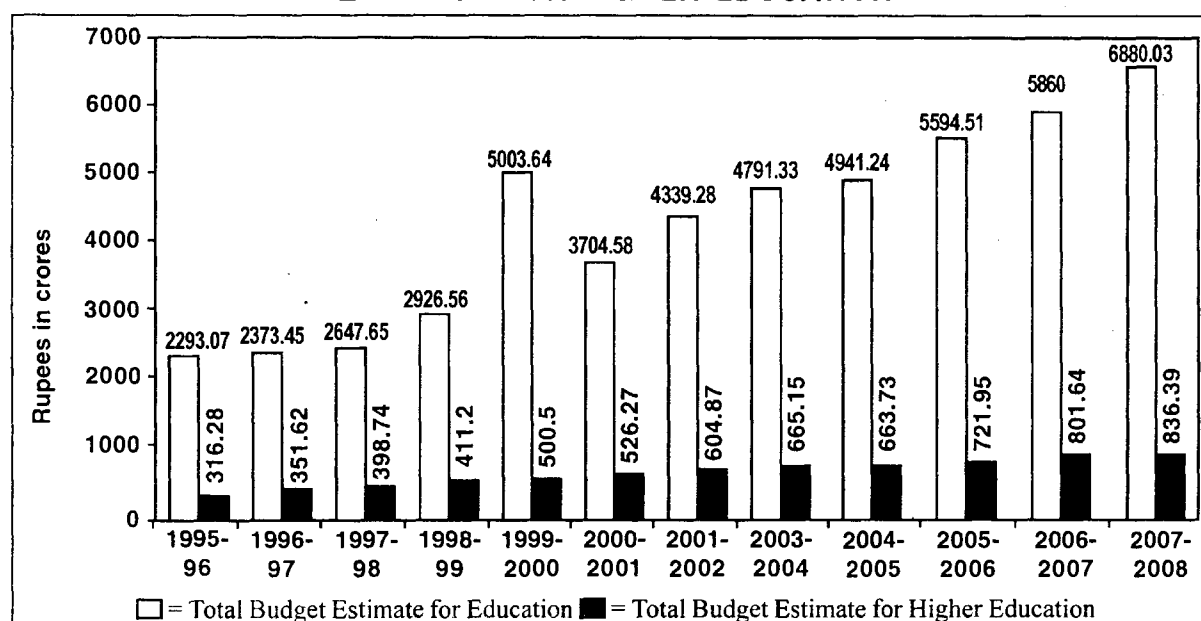
**TABLE 2 : TOTAL BUDGET ESTIMATE OF THE DEPARTMENT OF HIGHER EDUCATION THROUGH THE YEARS**

YEAR	AMOUNT IN RUPEES	
	NON-PLAN	STATE PLAN
1996-97	3,25,56,64,000	26,05,00,000
1997-98	3,63,71,16,000	35,00,00,000
1998-99	3,77,69,68,000	33,50,00,000 + 5,00,00,000 (loan)
1999-2000	4,57,79,78,000	33,00,00,000 + 10,00,00,000 (Loan from I.D.F.C.)
2000-2001	5,02,81,77,000	23,45,50,000 plus 21 crores by way of grant to local bodies Zilla Parishad for higher education
2001-2002	5,79,07,45,000	25,80,00,000 + 23.10 crores by way of grant to local bodies/Zilla Parishad for higher education
2002-2003	6,51,39,60,000	25,86,32,000
2003-2004	6,58,83,93,000	6,31,12,000
2004-2005	6,57,40,53,000	6,32,00,000
2005-2006	7,11,62,92,000	10,32,00,000
2006-2007	7,66,63,90,000	35,00,00,000
2007-2008	7,96,38,89,000	40,00,00,000

**TABLE 3: BUDGETARY POSITION OF HIGHER EDUCATION DEPARTMENT WITH REFERENCE TO THE TOTAL STATE BUDGET AND THE BUDGET FOR EDUCATION SINCE 1996-1997**  
(Rupees in crores)

YEAR	TOTAL STATE BUDGET	TOTAL B. E. ON EDUCATION	% OF B. E. ON EDUCATION WITH RESPECT TO STATE BUDGET	TOTAL B. E. FOR HIGHER EDUCATION	% OF B. E. OF HIGHER EDUCATION WITH REFERENCE TO B. E. ON EDUCATION	REMARKS
1996-97	12814.80	2373.45	18.52%	351.62	14.81%	
1997-98	14916.03	2647.65	17.75%	398.74	15.00%	
1998-99	16560.44	2926.56	17.67%	416.20	14.22%	
1999-2000	25034.42	5003.64	19.99%	500.80	10.01%	
2000-2001	24481.95	3704.58	15.13%	526.27	14.21%	
2001-2002	29238.96	4339.28	14.84%	604.87	13.94%	
2002-2003	30928.75	4770.31	15.42%	677.26	14.20%	
2003-2004	35344.62	4791.33	13.56%	665.15	13.88%	
2004-2005	38517.56	4941.24	12.83%	663.73	13.43%	
2005-2006	37770.10	5594.51	14.81%	721.95	12.90%	
2006-2007	42175.53	6716.30	15.92%	801.64	11.94%	
2007-2008	45882.45	6880.03	14.99%	836.39	12.16%	

**PATTERN OF TOTAL BUDGET ESTIMATE FOR EDUCATION AND TOTAL BUDGET ESTIMATE FOR HIGHER EDUCATION**



## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

**TABLE 4: BUDGETARY ALLOCATION FOR EDUCATION WITH REFERENCE TO THE STATE BUDGET AND THE BUDGET FOR HIGHER EDUCATION WITH REFERENCE TO EDUCATION 2007-2008**

(Rs in crores)

Items	Total State Budget for West Bengal	Total Budget for Education	% of Budget Provision on Education with reference to State Budget	Total Budget for Higher Education	% of Budget Provision of Higher Education Department with reference to Budget on Education	Remarks
1	2	3	4	5	6	7
Plan Schemes	10956.97	1178.77	10.76%	40.00	3.39%	
Non Plan Scheme	34925.48	5701.26	16.32%	796.39	13.97%	
Grand Total	45882.45	6880.03	14.99%	836.39	12.16%	

### 3.4 PROPOSAL FOR EXTENSION OF AFFILIATION OF NEW SUBJECTS IN NON-GOVT. GENERAL DEGREE COLLEGES FROM THE ACADEMIC YEAR 2007-2008.

#### AFFILIATION UNDER CALCUTTA UNIVERSITY (2008-09)

District : Hooghly

Sl. No.	Name of College	Subject Recommended
1.	Bidhan Chandra College	Sanskrit (H)
2.	Mohitosh Nandy Mahavidyalay	Bengali (H), History (H), Sanskrit (G) and Philosophy (G)
3.	Serampore College	Geography (G)
4.	Swami Niswamabalannanda Girls' College	Geography (G)
5.	Vidyasagar Mahavidyalay	Education (H)

## District : Howrah

Sl. No.	Name of College	Subject Recommended
1.	Bijoy Krishna Girls' College	Sociology (H)
2.	Gangadharpur Mahavidyalaya	English (H)
3.	Joypur Panchanan Roy College	Education (H)
4.	Lalbaba College	Hindi (H), Sanskrit (H)
5.	Shyampur Siddheswari Mahavidyalaya	Sanskrit (G), Education (G)
6.	Sovarani Memorial College	Botany (H), Sanskrit (G), Education (G)
7.	Ramsaday College	Geography (H), Sanskrit (G), Education (G)
8.	Prabhu Jagatbandhu College	English (H), Botany (G) and Physical Education (G)
9.	Purash-Kanpur Haridas Nandi Mahavidyalaya	Geography (H), Mathematics (H)
10.	Udaynarayanpur Madhabitala Mahavidyalaya	English (H), Philosophy (H), Sanskrit (G)

## District : South 24 Parganas

Sl. No.	Name of College	Subject Recommended
1.	Bankim Sardar College	Physical Education (G)
2.	Al-Ameen Memorial Minority College	English (H), Islamic History & Culture (H) and Education (G)
3.	Gour Mohan Sachin Mandal Mahavidyalaya	Food & Nutrition (G), Environmental Science (G) and Sociology (G)
4.	Jibantala Mahavidyalaya	Bengali (H)
5.	Sadhan Mahavidyalaya	English (H), Education (H)
6.	Sagar Mahavidyalaya	English (H), Education (H)
7.	Saheed Anurup Chandra Mahavidyalaya	Geography (H), Physical Education (G)
8.	Raidighi College	Physics (H), Political Science (H)
9.	Sammilani Mahavidyalaya	Mathematics (H)
10.	Sushil Kar College	Sanskrit (G), Physical Education (G)
11.	Vivekananda College	Bio-Chemistry (H), Environmental Science (H)

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

District : Kolkata

Sl. No.	Name of College	Subject Recommended
1.	Jogesh Chandra Chaudhuri College	Journalism & Mass Communications (H)
2.	South Calcutta Girls' College	Sanskrit (H), Sociology (H)
3.	Loreto College	Physiology (H), Computer Application (Major)
4.	Jogmaya Devi College Women	B. Com (H) in Accountancy & Finance
5.	Surendranath College for Women	Sociology (G), Urdu (G)
6.	Maharani Kasiswari Collee	Computer Science (H), Geography (G) and Physical Education (G)
7.	New Alipore College	Sanskrit (H), Education (H), Journalism Mass Communication (H)
8.	Shri Shikshayatan College Mahavidyalaya	Urdu (G), Communicative English (Major)
9.	Naba Ballygunge Mahavidyala	English (H), Economics (H), Mathematics (G) and BBA
10.	Barasat Devi College Mahavidyalaya	Statistics (H), Computer Science (G) and Communicative English (Major)
11.	Bangabasi College	Sociology (H)
12.	Bangabasi Evening College	Geography (G)
13.	Jogesh Chandra Chaudhuri Law College	BA LLB (H)
14.	Khudiram Bose Central College	Geogrphy (H)
15.	Rani Birla Girls' College	Fashion Apparel Design (Major)
16.	Mill Al-Ameen College (for Girls')	History (H), Education (H), Chemistry (G) Zoology (G) and Botany (G)
17.	Netaji Nagar College for Women	Botany (H)
18.	Surendranath Evening College	History(H),Food & Nutntion(G)
19.	Tara Devi Harakchand Kankaria Jain College	B.Com [H&G] Y
20.	Prafulla Chandra College	English (G)
21.	Women's College	Economics (H), Food & Nutrition (G) and Journalism & Mass Communication G)
22.	Chittaranjan College	Mathematics(G),Economics(G)
23.	Maharaja Manindra Chandra College	Hindi (H)
24.	Surendranath College	Sociology(H),journalism & Mass.CommunicationfH)

**Affiliations under Burdwan University (2008-09)****District - Hooghly**

Sl. No.	Name of College	Subject Recommended
1.	Kabi Sukanta Mahavidyalaya	BBA (H)
2.	Tarakeswar Degree College	BBA (H)
3.	Kabi Kankan Mukundaram Mahavidyalaya	Bengali (H), Sanskrit (H)
4.	Arambag Girls' College	Geography (H), Sanskrit (H)
5.	Netaji Mahavidyalaya	Education (H), Sanskrit (G)
6.	Aghore Kamini Prakash Ch. Mahavidyalaya	Geography (H), Zoology (G), Botany(G)

**District - Burdwan**

Sl. No.	Name of College	Subject Recommended
1.	Chandrapur College	Sanskrit (H), BBA (H)
2.	Kandra Radhakanto Kundu Mahavidyalaya	Philosophy (G)
3.	Mankar College	Philosophy (H)
4.	Kaina College	Geography (H)
5.	Memari College	Education (G)
6.	Michael Madhusudan Memorial College	Hindi (G), Sanskrit (G)
7.	Galsi Mahavidyalaya	English (H), History (H)
8.	Raniganj Girls College	Chemistry (H), Urdu (G), Geography (G)
9.	Trivenidevi Bhalotia College	Philosophy (K), Computer Sc.(H)
10.	Banwarilal Bhalotia College	Urdu (H), Education (H)
11.	Bidhan Chandra College	Geography (H)
12.	Guskara Mahavidyalaya	BBA (H)
13.	Bhupendra Nath Datta Smriti	BCA (H)
14.	Shyamsundar College	Education (H), Ph. Education (G)
15.	Kulti College	Geography (H), Urdu (G), Physics(G), Mathematics (G)

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### District - Bankura

Sl. No.	Name of College	Subject Recommended
1.	Chatra Rarnai Pandit Mahavidyalaya	Education (G)
2.	Jamini Roy College	Geography (G)
3.	Onda Thana Mahavidyalaya	Bengali (H), History (H), Sanskrit (G), Geography (G)
4.	Panchmura Mahavidyalaya	Chemistry (H), Geography (G)
5.	P.R.M.S. Mahavidyalaya	Physics (G)
6.	Khatra Adibasi Mahavidyalaya	Physics (G), Chemistry (G), Mathematics (G)
7.	Sonamukhi College	Computer Science (H)
8.	Bankura Zilla Saradmoni Mahila Mahavidyapith	Music (G)
9.	Bankura Christian College	Ph Education (G)
10.	Ramananda College	Ph Education (G)

### District - Birbhum

Sl. No.	Name of College	Subject Recommended
1.	Kabi Nazrul College	Zoology(H), Sanskrit(G), Ph Education(G)
2.	Turku Hansda Lapsa Hembram Mahavidyalaya	History(H), Physics(G), Chemistry(G), Mathematics(G)
3.	Sailajananda Falguni Smriti Mahavidyalaya	English(H), Sans.Krit(H)
4.	Hiralal Bhakat College	Geography(G) Sanskrit(g) Philosophy(h)

### District - Purulia

Sl. No.	Name of College	Subject Recommended
1.	Barabazar Bikram Tudu Memorial College	History (H)
2.	Raghunajpur College	Sanskrit (H) BCA (H)
3.	Ananda Marga College	Bengali (H)
4.	Mahatma Gandhi College	Education (H), Geography (H)
5.	Panchkot Mahavidyalaya	Sanskrit (G), Santali (G)
6.	Kashipur Michael Madhusudan	BBA (H)
7.	Jagannath Kishore College	Music (G)
8.	Nistarini College	Music (H)
9.	Netaji Ashram Mahavidyala	Geography (H)

## Affiliations under Vidyasagar University (2008-09)

District - Paschim Medinipur

Sl. No.	Name of College	Subject Recommended
1.	Belda College	Nutrition (H), BCA
2.	Bhattar College	Education (H)
3.	Chaipat Saheed Pradyot Bhattacharyya Mahavidyalaya	Benqali (H), Enqlish (H), Pol Sc. (G)
4.	Chandrakona Vidyasagar Mahavidyalaya	Physics (H)
5.	Debra Thana Sahid Kshudiram Smriti Mahavidyalaya	Enqlish (H), Sanskrit (H), Mathematics (G) Physics (G), Chemistry (G)
6.	Ghatal Rabindra Satabarsiki Mahavidyalaya	Physiology (G)
7.	Sankraii Anil Biswas Smriti Mahavidyalaya	History (H), Enqiish (H), Sanskrit (H), Santali (G)
8.	Santal Bidroha Sarada Satabarsiki Mahavidyalaya	Philosophy (G), Zoology (G), Botany (G)
9.	Seva Bnarati Mahavidyalaya	Chemistry (H), Sanskrit (G)
10.	Silda Chandrasekhar College	Sanskrit (G), Geaqrphy (G)
11.	Vivekananda Sarabarsiki Mahavidyalaya	Chemistry (H), Computer Sc. (G)
12.	Sukumar Sengupta Mahavidyalaya	Physics (H), Zoology (G), Pol Sc. (G)
13.	Narajole Raj College	Geography (G), Physiology (G)
14.	Sabang Sajanikanta Mahavidyalaya	Geography (H)
15.	K D College of Commerce & General Studies	History (G)



## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### District - Purba Medinipur

Sl. No.	Name of College	Subject Recommended
1.	Maharaja Nanda Kumar Mahavidyalaya	Bengali (H), English (H), History (H) Geography (G), Music (G)
2.	Mugberia Gangadhar Mahavidyalaya	Geography (H), Education (G)
3.	Prabhat Kumar College	Sociology (G), Music (G) Ph. Education (G)
4.	Vivekananda Mission Mahavidyalaya	Sanskrit (H)
5.	Sitananda College	Physics (H), Music (G)
6.	Egra Sarada Shashi Bhushan College	Geography (H), Botany (H)
7.	Panskura Banamali College	Philosophy (H)

### Affiliations under Gour Banga Bangla University (2008-09)

#### District - Malda

Sl. No.	Name of College	Subject Recommended
1.	Chanchal College	Sociology (G)
2.	Pakuahat Degree College	Geography (H)
3.	Kaliachak College	Philosophy (G)
4.	Gour Mahavidyalaya	Physics (H)

#### District - Uttar Dinajpur

Sl. No.	Name of College	Subject Recommended
1.	Dr. Meghnad Saha College	Sanskrit (G), Education (G)
2.	Raiganj Surendranath Mahavidyalaya	Zoology (H), Ph. Education (G)
3.	Kaliyagram College	Hindi (H)

#### District - Dakshin Dinajpur

Sl. No.	Name of College	Subject Recommended
1.	Balurghat Mahila College	Geography (G)
2.	Gangaram College	Chemistry (H), Education (G)
3.	Balurghat College	Education (G)

## Affiliations under Noth Bengal University (2008-09)

## District - Darjeeling

Sl. No.	Name of College	Subject Recommended
1.	Loreto Colleqe	English (G), Sociology (G)
2.	Kalimponq College	Physics(H), Sociology (G)
3.	St. Joseph's Colleqe	Geoqraphy (G)
4.	Kalipada Ghosh Tarai Manavidyalaya	Hindi (H)
5.	Surya Sen Mahavidyalaya	History (H), B. Com. (H) in Management

## District - Jalpaiguri

Sl. No.	Name of College	Subject Recommended
1.	Sukanta Mahavidyalaya	Chemistrv(G)
2.	Nani Bhattacharyya Smarak Mahavidyalaya	Hindi (H), Bengali (H), Philosophy (H)
3.	Prasannadeb Women's Colleqe	3 Botany (H), Education (G)
4.	Alipurduar Colleqe	Botany (H), Geoqraphv (G)
5.	Ananda Chandra Colleqe	Philosophy (H), Philosophy (H)
6.	Moynaquri Colleqe	Philosophy (G)
7.	Saheed Kshudiram Colleqe	English (H) Sanskrit (G)
8.	Falakata Colleqe	Education (H), Ph Education (G)
9.	Parimal Mitra Smriti Mahavidyalaya	Hindi (G)
10.	Nothr Benqal St.Xaviers Colleqe	Geoqraphy (G) Pol. Sc. (G) BBA

## District - Jalpaiguri

Sl. No.	Name of College	Subject Recommended
1.	Coochbehar Colleqe	Comp. Sc(q)
2.	Thakur Panchanan Mahila Mahavidyalaya	Philosophv(h) Pol. Sc(h)
3.	Tufanqunj Mahavidyalay	PhilosojDhv(H) Botany(h)
4.	Sitalkuchi Colleqe	Benqali(h) Enqlish(h) Philosophy(h)
5.	Netaji Subhas Mahavidyaiaya	Geoqraphy(G)
6.	Dewanhat Mahavidyalaya	Benqali(h) Sanskrit(h)
7.	Mathabhanga Colieqe	Comp. Sc(q)
8.	Bakshirhat Mahavidyaiaya	History (h), Education(q)

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### Affiliations under West Bengal State University (2008-09)

District - N 24 Pgs.

Sl. No.	Name of College	Subject Recommended
1.	Kanchrapara College	Geography (H), Env. Sc. (H)

### Affiliations under Kalyani University (2008-09)

District - Nadia

Sl. No.	Name of College	Subject Recommended
1.	Kalyani Mahavidyalaya	Pol.Sc. (H), Phvsiology (H), Botany (H)
2.	Asangar Madan Mohan Tarkalankar College	Benqali (H), History (H), Phy. Edn. (H)
3.	Chapra Bangalji Mahavidyalava	History (H), Sanskrit (G)
4.	Haringhata Mahavidyaiaya	Bsc. with Maths (G), Economics (G), Geoqrphy (G)
5.	Srikrishna College	Physics (G)
6.	Dwijendralal college	English (H), Sanskrit (H)
7.	Santipur College	Chemistry (H), Botany (H), Political Sc. (H), Phy. Edn. (H)
8.	Nabadwip Vidyasagar Colleqe	Env. Sc. (H), Molecularbiology & Biotechnology (H), Philosophy (H)
9.	Chakdha Colioge	Geography (H)
10.	S. R. Lahiri Mahavidyalaya	Geography (H)

District - Murshidabad

Sl. No.	Name of College	Subject Recommended
1.	Berhampore College	Sanskrit (H, G)
2.	Berhampore Girls' College	Botany (H)
3.	Dhukhulal Nibaran Chandra College	Sanskrit (G), Phy. Edn. (G), Education (G)
4.	Subhash Bose Centenary College	Philosophy (H), Pol. Sc. (H)
5.	Muzzafar Ahmed Mahavidyalaya	Arabic (G)
6.	Prof.Nurul hasan College.Farakka	Pol.Sc. (H), Arabic (H), Comp.Sc. (H), Phy. Edn. (H)

**CHAPTER - 3**

7.	Rani Dhanya Kumari College	Geography (H & G), History (H), Sanskrit (G)
8.	JatindraRajendraFalahavidyalaya	Pol. Sc. (H), Sanskrit (G)
9.	NagarCollege	Geography (H)
10.	Lalgola College	Bengali (H), English (H), History (H), Arabic (G)
11.	MurshidabadAdarshaMahavidyalaya	English (H), Geography (G)
12.	JangipurCollege	Env. C. (H & G), Economics (H), Statistics (G)
13.	PanchthupiHaripadaGouribala College	Philosophy (H), Sanskrit (G), Arabic (G)
14.	S.R.FatepuriaCollege	Maths (H), Geography (H), Sanskrit (G), Arabic (G)
15.	Sripat Singh College	Env. Sc. (H)

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### 3.5 POST-GRADUATE COURSES IN GENERAL DEGREE COLLEGES

Sl. No.	Name of Colleges with Affiliating University	Subject Introduced at Post-Graduate Level
<b>Calcutta University</b>		
1.	Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi, Environmental System Management, Molecular Biology & Genetics, Bengali, History, Philosophy, Political Science, Sociology and English
2.	Bethune College	Botany, Zoology
3.	Maulana Azad College	Zoology
4.	Lady Brabourne College	Geography, Microbiology, Mathematics
5.	Barasat Govt. College	Botany
6.	Goenka College of Comm. and Business Adm.	Commerce
7.	Bidhannagar College	Zoology, Microbiology
8.	Taki Govt. College	Bengali
9.	Sanskrit College	Sanskrit
10.	Asutosh College, Kolkata	Environmental Science
11.	Dinabandhu Andrews College	Zoology, Electronics
12.	A.P.C. College, New Barrackpore	Microbiology, Electronics
13.	Bangabasi College	Zoology
14.	Rishi Bankim Chandra College, Naihati	Zoology
15.	Rammohan College	Physiology
16.	Rastraguru Surendranath College, Barrackpore	Microbiology, Computer Sciences
17.	St. Xaviers College	Computer Science
18.	Scottish Church College	Zoology, Botany, Chemistry
19.	Bongaon Dinabandhu Mahavidyalaya	Bengali

20.	R. K. M. Residential College, Narendrapur	Chemistry, Physics
21.	Vidyasagar College	Zoology
22.	Bijoygarh Jyotish Roy College	Microbiology
23.	Belur Ram Krishna Mission	Mathematics, Sanskrit
24.	Fakir Chand College, Diamond Harbour	Education
25.	David Hare Training College	M.Ed., M. Phil (with Netaji Subhas Open University)
26.	Post Graduate Training College for Physical Education, Banipur	Physical Education (M.P.Ed)
27.	Institute of Education for Women, Hastings House, Alipore	M.Ed.
28.	State Institute of Physical Education for Women, Hastings House, Alipore	M.P.Ed.
29.	Govt. College of Art and Craft	Visual Arts (MVA)
<b>Burdwan University</b>		
30.	Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce, English
31.	Chandernagar College, Hooghly	Geography, Bengali
32.	Bankura Christian College	English, Bengali
33.	Durgapur Govt. College	Geology, Conservation Biology
34.	B. B. College, Asansol	Physics
35.	J. K.College, Purulia	Mathematics
36.	Burdwan Raj College	Bengali
37.	Burdwan Vivekananda College	Chemistry
38.	Burdwan M.U.C. College	English
<b>Kalyani University</b>		
39.	Krishnagar Govt. College	Philosophy & Geography
40.	Krishnanath College, Berhampore, Murshidabad	Sericulture, Physiology, Sanskrit
41.	Kanchrapara College, Kanchrapara, 24-Parganas(N)	Hindi

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

<b>North Bengal University</b>		
42.	A.B.N. Seal College	Bengali, Sanskrit, Zoology
43.	Darjeeling Govt. College, Darjeeling	Zoology, Botany, Nepali, English
44.	Malda College	English & History
45.	Balurghat College	Bengali & Commerce
46.	Raiganj College	Bengali
47.	Ananda Chandra College	Bengali
<b>Vidyasagar University</b>		
48.	Jhargram Raj College	Chemistry, Zoology
49.	Raja N. L. Khan Women's College	Zoology
50.	Midnapore College	Physics, Chemistry
51.	Khragpur College	Bengali
52.	Rabindra Satabarshiki Mahavidyalaya	Sanskrit
53.	Prabhat Kumar College	Physics
54.	Tamralipta Mahavidyalaya	Bengali
55.	Panskura Banamali College	Computer Science

### 3.6 TECHNICAL EDUCATION

Only 1 (one) new Engineering Colleges have been set up on self-financing basis in the academic session 2007-2008. Total number of Engineering & Technological institutes (including University Engineering departments) in the State is at present 64 (sixty-four) with an approved intake of 16809.

10 courses in six Govt. Engineering & Technological Colleges and 18 courses in six Non-Govt. Engineering & Technological Colleges have been accredited by the National Board of Accreditation, New Delhi.

Under Technical Education Quality Improvement Programme (TEQIP). Rs. 136.04 crore has been released till December 2007. Lifetime allocation under the Project has been revised by GOI to Rs. 144.29 crore.

Degree Course in Electrical Engineering has been introduced in Kalyani Govt. Engineering College. A post graduate course in Leather Technology (M.Tech.) has been introduced in Govt. College of Engg. & Leather Technology. A financial grant of Rs. 84 lakh has been sanctioned during the year for development of PG Laboratory and also to undertake essential electrification work in this connection.

A project for construction of a new college building at Govt. College of Engineering & Textile Technology, Berhampore has been sanctioned at an estimated cost Rs. 3 crore out of this amount Rs. 20 lakh has already been released.

### **3.7 UNIVERSITY EDUCATION**

The State Government has sanctioned a total sum of Rs. 166,40,00,000 Lakh in the Annual Plan to State-aided Universities viz. Calcutta, Jadavpur, Kalyani, Burdwan, North Bengal, Rabindra Bharati, Vidyasagar during the financial year 2007-2008. Out of this amount, a sum of Rs. 9,55,00,000 Lakh is meant for construction / development and purchase of books & journals in respect of 7 (Seven) State aided Universities. A sum of Rs 1,00,00,000 Lakh has also been sanctioned and released to Netaji Subhas Open University towards maintenance grants. For Bengal Engineering & Science University the State Govt. has sanctioned Rs. 1,20,00,000 Lakh during 2007-2008 for construction / development of Bengal Engineering & Science University.

#### **STATEMENT OF ACTUAL EXPENDITURE IN THE UNIVERSITIES (ANNUAL PLAN SCHEMES) DURING 2006-2007**

(Rs. In lakh)

<b>University</b>	<b>Year</b>	<b>Construction</b>	<b>Books and Journals</b>	<b>Total</b>
Calcutta	2007-2008	38.22	40.00	78.22
Jadavpur	2007-2008	108.66	119.00	227.66
Kalyani	2007-2008	194.11	4.00	198.11
Burdwan	2007-2008	134.49	30.00	164.49
North Bengal	2007-2008	59.22	39.95	99.17
Rabindra Bharati	2007-2008	Nil	33.31	33.31
Vidyasagar	2007-2008	8.93	62.19	71.12
<b>Total</b>	<b>2007-2008</b>	<b>543.63</b>	<b>328.45</b>	<b>872.08</b>



## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### 3.8 NON-GOVERNMENT COLLEGES

#### Expenditure during the 2007-08 under the plan heads under SCP & TASP

(Rs. in Lakhs)

Sl. No.	Head of A/c	Provision	Expenditure	Savings	Remarks
1.	<b>SCP</b> 2202-03-789-Special Component Plan for SC-SP (AP and 10th Plan)-002-Dev. of Library and reading room facilities [EH]-31-02	30.00	30.00	NIL	
2.	<b>SCP</b> 2202-03-789-Special Component Plan for SC-SP (AP and 10th Plan)-003-Hostels for girl students [EH]-31-02	50.00	23.75	26.25	
3.	<b>SCP</b> 2202-03-789-Special Component Plan for SC-SP (AP and 10th Plan)-004-Dev. of Colleges for Women [EH]-31-02	25.00	7.00	18.00	
4.	<b>TASP</b> 2202-03-796-Tribal areas Sub-Plan -004-Dev. of Non-Govt. Colleges [EH]-31-02	25.00	25.00	NIL	
<b>TOTAL :</b>		<b>130.00</b>	<b>85.75</b>	<b>44.25</b>	

**Expenditure during the 2007-08 under the plan heads under SCP & TASP**

(Rs. in Lakhs)

Sl. No.	Head of A/c	Provision	Expenditure	Savings	Remarks
1.	2202-03-104-SP- (AP and 10th Plan)-001- Dev. of Library and Reading Room facilities- [EH]-31-02	20.00	20.00	NIL	
2.	2202-03-104-SP- (AP and 10th Plan)- 002-Development of Non-Government Colleges-[EH]-31-02	2,30.00	2,30.00	NIL	
3.	2202-03-104-SP- (AP and 10th Plan)- 003-Hostels for Girl Students-[EH]-31-02	50.00	34.15	15.85	
4.	2202-03-104- SP- (AP and 10th Plan)- 004-Dev. of Colleges for Women-[EH]-31-02	50.00	50.00	NIL	
5.	2204-00-101- SP- (AP and 10th Plan)- 021-Provision for Physical Education Facilities in Non-Govt. Colleges-[EH]-31-02	19.80	24.81	NIL	Additional fund was augmented
	<b>TOTAL :</b>	<b>369.80</b>	<b>358.96</b>	<b>15.85</b>	

The State Government assists the non-government colleges to improve their quality of education and infrastructure.

Funds are sanctioned for development programmes such as repair/construction of classrooms, common rooms, toilets, libraries, laboratories, auditoriums, hostels, and boundary walls as well as repair/installation of electrical works.

- (1) Some of the colleges which have received financial assistance for construction of Library building and Reading Room are Surya Sen Mahavidyalaya, Darjeeling; Subhas Chandra Bose

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

Centenary College, Murshidabad; Alipurduar College, Jalpaiguri; Birbhum Mahavidyalaya, Birbhum; amsaday College, Howrah; Mathabhanga College, Cooch Behar; Khatra Adibasi Mahavidyalaya, Bankura; Dr. B.R. Ambedkar Satabarsiki Mahavidyalaya, North-24-Parganas; Ananda Chandra College Jalpaiguri.

- (2) The colleges which have received financial assistance for construction of building are Siliguri College, Darjeeling; Chandrakona Vidyasagar Mahavidyalaya, Paschim Medinipur; Raghunathpur College, Purulia; Sailajananda Falguni Smriti Mahavidyalaya, Birbhum; Jangipur College, Murshidabad; Cooch Behar College, Cooch-Bihar; Y.S. Palpara Mahavidyalaya, Puarba Medinipur; Chandrakhetugarh Sahidullah Smriti Mahavidyalaya, North 24-Prgs.; Haringhata Mahavidyalaya, Nadia; Karishna Chandra College, Birbhum; Ramsaday College, Howrah; Polba Mahavidyalaya, Hooghly; Hairalal Bhakat College, Birbhum; Panchakot Mahavidyalaya, Purulia; Gurudas College, Kolkata; Kidderpore College, Kolkata; Mathabhanga College, Cooch-Bihar; Srikrishna College, Nadia; Dewanhat Mahavidyalaya, Cooch-Bihar; R.K.M. residential College, Narendrapur; Pingla Thana Mahavidyalaya, Paschim Medinipur; Aghorekamini Prakash Chandra Mahavidyalaya, Hooghly; Kalipada Ghosh Tarai Mahavidyalaya, Darjeeling; Belda College, Paschim Medinipur; Khatra Adibasi Mahavidyalaya, Bankura; Vivekananda Satavarshiki Mahavidyalaya, Paschim Medinipur.
- (3) The colleges which have received funds for repair work are Vivekananda Satavarsiki Mahavidyalaya, Paschim Medinipur; Dumkal College, Murshidabad; Ramsaday College, Howrah; Kishore Bharati Bhagini Nivedita College, Kolkata.

### Women's Hostel

Chatra Ramai Pandit Mahavidyalaya, Bankura; Shree Ramkrishna B.T. College, Darjeeling; Polba Mahavidyalaya, Hooghly; Tarakeswar Degree College, Hooghly; Seva Bharati Mahavidyalaya, Paschim Medinipur; Santal Bidroha Sardha Satabarsiki Mahavidyalaya, Paschim Medinipur; Nistarini College, Purulia; Netaji Mahavidyalaya, Hooghly.

Development of Women's Colleges – P.D. Women's College, Jalpaiguri; Rishi Bankim Chandra College for Women, North 24-Parganas; Hiralal Mazumdar Memorial College for Women, Kolkata; Nistarini College, Purulia; Siliguri Mahila Mahavidyalaya, Darjeeling; M.U.C Womens' College, Burdwan, Raja N.L. Khan Womens' College Paschim Medinipur.

Funds have also been provided for purchase of Books, Laboratory equipment and for holding 9<sup>th</sup> Inter Non-Govt College Athletic Meet and Football Championship'2008 at Yuba Bharati Krirangan & Bidhan Nagar Sports Complex, Salt Lake, Kolkata.

### 3.9 GOVERNMENT COLLEGES

Various programmes have been taken up by the State Government for improvement and strengthening of the Government Colleges.

**Statement of expenditure under different plan schemes related to  
Govt. Colleges during the financial year 2007-2008**

HEADS	AMOUNT (Rs.)	
	OTHER CHARGES	BUILDINGS
	STATE PLAN	STATE PLAN
Development of Presidency College	2,54,80,305.00	32,73,223.00
Development of Darjeeling Govt. College	28,80,000.00	8,00,000.00
Development of Hooghly Mohsin College	20,00,000.00	50,00,000.00
Development of 12-other Govt. Colleges	2,48,97,930.00	50,00,000.00
Development of newly established Govt. Colleges	40,96,650.00	33,00,000.00
Development of Physical Education Colleges	68,34,927.00	29,91,193.00
Development of B.Ed. Colleges	16,03,245.00	23,01,419.00
Development of B. T. Colleges	X	X
Govt. College of Art & Craft	6,96,963.00	-

**Inter Govt. College Sports Competitions 2008**

The XIX Inter Govt. College Athletic Meet, XVII Inter Govt. College Football Championship, X Inter Govt. College Table Tennis and V Inter Govt. College Badminton Championship 2008 were held successfully at SAI Complex. Almost 350 participants of 17 Govt. Degree Colleges participated in the competition which is unique in its nature.

### 3.10 MEASURES FOR QUALITY IMPROVEMENT OF HIGHER EDUCATION

#### A) NAAC Accreditation Status :

The State Level Quality Assurance Co-ordination Committee constituted in 2003-2004 for the purpose of facilitating NAAC accreditation process for the colleges in the State, has been functioning satisfactorily. In the State, 7 universities and 210 colleges have been accredited by NAAC so far. Out of the colleges accredited, Midnapore College, Ramkrishna Mission Vidya Mandir, Presidency College, Kolkata have been awarded 'A+' ranking, 9 colleges have been awarded 'A' ranking and 22 colleges have been awarded 'B++' ranking. The process of accreditation has gained momentum and has been progressing steadily.

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### B) Accreditation of Engineering & Technology Courses (NBA of AICTE) :

All the three technology courses in 4 Govt. tech colleges have been accredited by NBA. In addition, three courses each in Jalpaiguri and Kalyani Govt. Engineering Colleges have been accredited. A few courses in six self financing colleges also received MBA accreditation.

### 3.11 SCHOLARSHIP & STIPEND

In order that no brilliant student is prevented from pursuing post-matric, higher studies because of poverty, the Central Government as well as the State Government introduced various scholarship schemes, five of which are being currently administered in the state by the Scholarship and Stipend Section of the Education Directorate, Government of West Bengal, Bikash Bhavan, 9th floor, North Wing, Salt Lake, Kolkata-700 091 :

- i) National Scholarship Scheme
- ii) National Merit Scholarship Scheme
- iii) D.P.I. Special Stipend Scheme General Stipends  
Adhoc Grants (institutional)
- iv) Hindi Scholarship Scheme
- v) West Bengal Govt. Merit-cum-Means Scholarship Scheme

#### I. National Scholarship Scheme

Introduced in 1961-62, this scheme ran continuously for more than four decades before being formally withdrawn from the 2004-05 session. This means no candidates passing their qualifying examination (like Madhyamik / H.S / Graduation) in 2004-05 or later can apply for the National Scholarships any more; only the renewal cases will be sanctioned now for those students who came into the fold of this scholarship scheme before 2004-05.

#### Rates of National Scholarship :

Stage	Non-hosteller or Day Scholar	Hosteller or Residential
At H.S Stage (for Madhyamik-passed candidates)	@ Rs.60/- per month	@ Rs. 100/- per month
At Graduation Stage of General Education-1st year	@ Rs.60/- per month.	@ Rs. 100/- per month
(for H. S.- passed candidates) - 2nd & 3rd years	@ Rs. 90/- per month	@ Rs. 140/- per month
At Graduation Stage of Professional Courses (for H. S.- passed candidates)	@ Rs. 120/- per month	@ Rs. 300/- per month
At P. G. Stage of General Education (for B.A./ B.Sc / B.Com. passed candidates)	@ Rs. 120/- per month	@ Rs. 300/- per month

**Sanction Figures in 2007-2008 :**

Budget – Head	Amount sanctioned	Number of Scholars awarded
(Plan) 2202-80-107-SP-001-V-34	Rs.15,01,340.00	585

**II. National Merit Scholarship Scheme**

In replacement of the earlier National Scholarship Scheme, this scheme was introduced with effect from the 2004-05 session, but it continued only for three years before getting withdrawn with effect from the 2007-08 session. Several changes were effected in the funding pattern, rate, quota, selection criteria etc. and the main distinctive features of this scheme are :

- (i) The scheme is absolutely centre-funded.
- (ii) The parental income ceiling is Rs. 1.00 lakh per annum.
- (iii) Total quota of scholarships for the state is 1421.

**National Merit Scholarship Rates and Quota (for West Bengal) :**

Stage of study for which Scholarship is given	Rate per month	State's quota of scholarship(NMS)
Classes IX – X	Rs. 250/- (for 10 months in a year)	678
Classes XI – XII	Rs. 300/- (for 10 months in a year)	853
Graduation	Rs. 500/- (for 10 months in a year)	426
Post-Graduation	Rs. 750/- (for 10 months in a year)	142

**N.M.S. Sanction Figures from the Education Directorate in 2007-2008**

Budget – Head	Amount sanctioned	Number of Scholars awarded
2202-03-107-CS-Centrally Sponsored (New Scheme)-002-V-31-02	Rs. 73,00,000/-	611

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

The procedure which is followed for selecting candidates at the PG & UG-level for the National Merit Scholarship Scheme as is follows :

The State's quota (142) for PG – level scholarships (NMS) is divided among different universities of the state. The universities then prepare their own Merit Lists (as per the quota) based on the results of their students in their graduation – level examinations and on the annual family income of the students, and distribute the blank prescribed application forms with the Entitlement Cards among them which the students duly fill up before submitting directly to the Scholarship & Stipend Section of the Education Directorate, W. Bengal.

For the UG – level National Merit Scholarships (quota = 426), the West Bengal Higher Secondary Council prepares the merit list and distribute the format i.e. prescribed, application forms plus Entitlement Cards to the suitable HS – passed candidates in a similar manner as described above.

### III. D.P.I. Special Stipend Scheme :

This covers two types of financial assistance : (i) General Stipend, and (ii) Ad-hoc grant.

D.P.I. Special Stipends (General Stipend) are given to those Madhyamik-passed / graduate students who have good results but not enough to get them a place in the merit list for National Scholarship / National Merit Scholarship. A fresh Madhyamik-passed student may continue to get the stipend till the last year of his / her graduation, provided he/she continues to perform above a prescribed level in each of the intervening promotional examinations.

### Current rate, quota and eligibility information for D.P.I. Special Stipend Scheme (General Stipend) :

Qualifying students	Stipend for which stage of study	Total quota	Rate per month	Current Minimum marks required	Guardians' / parents income ceiling (per annum)
M.P.-passed	H.S. & U.G	250	Rs.40/-	65%	Rs. 25,000 p.a.(for Non-salaried parents/ Guardians) Rs. 35,000/- p.a.(for Non-salaried parents/ Guardians)
Graduation (with Honours) -passed	PG	200	Rs.60/-	50%	Rs.50,000/-p.a (for non-salaried parents/ Gurdians Rs.60,000/- p.a. (for Salaried parents/ Guardians)

## CHAPTER - 3

The other category of D.P.I. Special Stipend, called Ad-hoc Grant, is given to four institutions in the state – (i) R.K. Mission Vidyapith, Purulia, (ii) R.K. Mission Ashrama, Sarisha, (iii) R. K .Mission Multi-purpose school, Kamarpukur and (iv) Jalpaiguri Govt. Engineering College, who in turn disburse this grant among a fixed number of their most needy and meritorious students.

### Sanction Figures in 2007 – 2008 :

Type Scholars	Budget – Head	Amount Sanctioned	Number of Scholars awarded
D.P.I. Spl. Stipend (General Stipend)	2202-80-107-NP-001-V-31-02	Rs. 1,65,660/-	243
D.P.I. Spl. Stipend (Ad-hoc Grant)	2202-80-107-NP-002-V-31-02	Rs. 52,410/-	116 (distributed among the four institutions)

Efforts are on to revise and rationalise the rate and quota of D.P.I. Special Stipends (both General Stipend and Ad-hoc Grants).

### IV. Hindi Scholarship Scheme :

In order to encourage the study of Hindi in Non-Hindi speaking states, Government of India has implemented the Hindi Scholarship Scheme for the post-matric students [H.S., U.G., P.G., and Research (M. Phil. / Ph.D. etc)]. The scholarship is given to students whose mother tongue is not Hindi and who are studying in a Non-Hindi speaking state in a recognized full-time course with Hindi as the sole subject or as one of the combination subjects. The total quota of Hindi Scholarships for West Bengal is 239.

### Hindi Scholarship Rates and Eligibility Criteria :

Stage of Study	Quota (239)	Rate	Eligibility for applying
For H.S. stage	143	@Rs.300/- per month	Hindi is to be subject In H.S. course and 60% marks in aggregate in the Matric Exam. (Madhyamik / CBSE/ICSE etc.)
For Graduation (UG) stage	72	@Rs.500/- per month	Hindi to be a subject in UG-course and 60% aggregate marks in the H.S. Exam.
For Post-Graduation (PG) and/or Research Stage	24	@Rs.1000/- per month	Hindi to be the subject of study and 60% marks in Graduation or Post-Graduation as the case may be



## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### Sanction Figures for Hindi Scholarship in 2007 – 2008 :

Budget – Head (Non-Plan- Developmental)	Amount sanctioned	Number of Scholars awarded
2202-05-200-ND-001-V-50	Rs. 7,93,300/-	207

### V. West Bengal Merit-cum-Means Scholarship Scheme (W.B.G. M-C-M) :

The State Government has introduced from the academic year 2006-2007 a new scholarship scheme named 'West Bengal Government Merit-cum-Means Scholarship Scheme' for providing financial assistance to the poor but meritorious students of the State pursuing higher studies at various post-Madhyamik levels.

Meritorious students coming from poor families, who are domiciled in West Bengal and have enrolled themselves in one of the State Govt. institutions or State Govt. aided institutions after passing out from the State Board/Council of Secondary/Higher Secondary Education or a State-aided University in West Bengal will be eligible to apply for this scholarship.

### Rates and Quota of W.B.G.M-C-M Scholarships :

Sl. No.	Level	Rate (per month)	Quota
1.	H.S.	Rs. 500/-	1500
2.	UG (Arts)	Rs. 750/-	550
3.	UG(Commerce)	Rs. 750/-	150
4.	UG (Science)	Rs. 900/-	325
5.	UG (Professional Courses other than Engg./Med.)	Rs. 900/-	25
6.	UG (Polytechnic)	Rs. 750/-	100
7.	UG (Engineering)	Rs. 1400/-	200
8.	UG (Medicine including MBBS,BDS,BHMS etc.)	Rs. 1500/-	200
9.	PG (Arts)	Rs. 1200/-	300
10.	PG (Commerce)	Rs. 1200/-	100
11.	PG (Science)	Rs. 1400/-	225
12.	PG (Professional Courses other than Engg./Med.)	Rs. 1400/-	25
<b>Total number of Scholarships =</b>			<b>3,700</b>

## CHAPTER - 3

Though the Department of Higher Education of the Government of West Bengal acts as the nodal department for this scholarship scheme, for ease of administering the scheme it has been decided that the concerned Directorates be given the responsibility to run the scheme for the students and courses falling within their respective jurisdictions. Thus, the Directorate of School Education (DSE) handles the H.S.-level; the Education Directorate (i.e. the Directorate of Public Instruction, or DPI) handles the UG (Arts, Commerce, Science and non-Engg. & non-Med. Professional Courses)-level as well as the PG (Arts, Commerce, Science and non-Engg. & non-Med. Professional Courses)-level; the Directorate of Technical Education (DTE) handles the UG (Engg.)-level; the Directorate of Technical Education & Training (DTET) handles the UG (Polytechnic)-level and the Directorate of Medical Education (DME) handles the UG (Med.)-level of the scholarship scheme. There is a high-power Steering Committee headed by the Hon'ble Minister-in-Charge of Higher Education, West Bengal, for the over-all supervision and monitoring of the scheme.

There is no system of distributing any prescribed application forms for this scholarship; instead the application format is published in newspaper advertisements inserted by the Government of West Bengal around June-July seeking applications for the scholarship. For applicants in the 2007-08 academic year the minimum eligibility criteria included: (i) Yearly Income of the applicant's family from all sources not exceeding Rs. 80,000/-, and, (ii) 75% marks in aggregate in the Madhyamik or the H.S. Exam. for applying respectively for the H.S.-level or the UG-level scholarships, or 55% marks in the Honours subject in graduation for the PG-level scholarships.

In order to extend relief to the poor and meritorious students admitted into Govt. Engineering and Technology colleges, the State Govt. has taken measures to grant the benefit of full and half free studentship. 10% students selected on merit cum means basis will come under the purview of the scheme each year. Private self financing colleges have also been brought under such facilities extent of minimum 5%.



## **CHAPTER – 4**

### **ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION**

***4.1 Engineering and Technology Education***

***4.2 Management Education***



## CHAPTER – 4

### ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

#### 4.1 ENGINEERING AND TECHNOLOGY EDUCATION

Till 1968, West Bengal had only 9 engineering institutions, all of which were either in the government or in the university sector. The total intake of undergraduate and postgraduate students in engineering was in the range of 1500 only. This went up slightly to a figure of 2050 in 1994. Self-financing engineering colleges were encouraged in a big way by the government and barring the notable exception of the Kalyani Government Engineering College - the only engineering college in the government sector that was established at Kalyani in Nadia in 1995 – all others were in the private sector. In last 10 years time, the number of engineering institutions has gone up to 64 (sixty-four) with a total intake capacity of over 16000.

Only 1 (one) new Engineering & Technological Colleges have been set up on self-financing basis in the academic session 2007-2008. Total number of Engineering & Technological institutes (including university Engineering departments) in the State is now 64 (sixty-four) with an approved intake of over 16000.

#### BUDGET PROVISION AND FUND RELEASE STATEMENT UNDER STATE PLAN FOR GOVERNMENT ENGINEERING & TECHNOLOGY COLLEGES FOR THE YEAR 2007-2008 AND BUDGET PROVISION FOR THE YEAR 2008-2009.

Head of Account : "2203-Tech. Edn."

Sl. No	Name of the Institution	Budget Provision including revised budget for 2007-2008 (Rs.in lakh)	Sanctioned towards	Amount Sanctioned (Rs. in lakh)	Budget provision sanction (Rs. in lakh) 2008-2009
1.	J.G.E.C., Jalpaiiguri	38.80	Purchase of articles materials machines, equipment etc. for different sections of JGEC.	38.60	180.00

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

2.	KGEC, Kalyani	40.00	1. Procurement of 80 Nos. of PCs with three years AMC. 2. Upgradation of PCs through replacement of Components & Annual charges. 3. Purchase of Books for library. 4. Purchase of tools , cutters chucks for ME Deptt.	26.43680 8.73882 2.49867 2.34359 <b>40.01788</b>	<b>120.00</b>
3.	G.C.E.&T.T., Berhampore	26.00	1. Purchase of materials etc. in CSE Deptt. & Textile Deptt. & others. 2. Purchase of item for Satellite Interactive Terminal of WBUT.	25.00 1.00	<b>85.00</b>
4.	G.C.E.& L.T., Kolkata	74.00	1. Purchase of articles , materials, machines, equipment etc. for various deptts. 2. Purchase of articles, materials, machines, equipment etc. for various deptts. and books for library.	70.00 4.00	<b>165.00</b>
5.	G.C.E.&T.T.,	14.00	1. Purchase of machines & Serampore equipment, library books etc. and AMC. 2. Purchase of equipment, furniture, etc. for Trg. & Placement Deptt. 3. Purchase of equipment, games item, etc.	10.00 2.99918 1.00000	<b>80.00</b>

CHAPTER - 4

6.	G.C.E.&C.T., Kolkata	20.00	Purchase of materials for Thin Film Lab.	19.83111	40.00
7.	2203-00-112-SP- 009-Dev. Of R.E. College, Durgapur [EH]-50-other charges	0.10			0.10
8.	2203-00-112-SP- 005-Dev. Of Non Govt. Engg. Colleges-grants in-aid [EH]-31	1.20	1. RCC Institute of Information Technology.	35.00	10.00
			2. Haldia Institute of Technology.	35.00	
			3. Calcutta Instt. Of Engg. & Mgt.	10.00	
			4. Bankura Unnayani Instt. Of Engg.	10.00	
			5. Birbhum Instt. Of Engg. & Tech.	10.00	
			6. Murshidabad College of Engg. & Tech.	10.00	

**BUDGET PROVISION AND FUND RELEASE STATEMENT UNDER  
STATE PLAN FOR GOVERNMENT ENGINEERING & TECHNOLOGY COLLEGES FOR  
THE YEAR 2007-2008 AND BUDGET PROVISION FOR THE YEAR 2008-2009.**

Head of Account : "4202-Capital Outlay"

Sl. No	Name of the Institution	Budget Provision including revised budget for 2007-2008 (Rs.in lakh)	Sanctioned towards	Amount Sanctioned (Rs. in lakh)	Budget provision sanction (Rs. in lakh) 2008-2009
1.	J.G.E.C., Jalpaiiguri	60.00	1. Vertical Extension of Gr. Floor of Type-I, converted to guest house.	22.56034	215.00
			2. Construction of boundary wall.	18.20397	
			3. Vertical Extension of 2nd floor of Adm.-cum-library	19.23569	
				60.0000	



## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

2.	KGEC, Kalyani	100.00	Civil & Electrical works at KGEC	100.00	171.00
3.	G.C.E.&T.T., Berhampore	100.00	1. Repair & Renovation of student hostel. 2. Renovation & Reconstruction of main building. 3. Construction of New Building. 4. Sinking of 150 mm X 80 mm dia tubewell. 5. Rewiring & Fixing of ceiling fans.	10.01 10.00 75.00 2.33 2.66 <b>100.00</b>	<b>140.00</b>
4.	G.C.E.& L.T., Kolkata	55.00	1. Vertical Extension of 3rd floor. 2. Replacement of A.C. Machines in Comp. Lab. II and road wise garden-cum-road lighting. 3. Special repairing for super structure of building.	40.80981 3.45995 10.73025 <b>55.00</b>	<b>125.00</b>
5.	G.C.E.&T.T., Serampore	43.00	Construction of existing Hostel Building	43.00	150.00
6.	G.C.E.&C.T., Kolkata	20.00	1. Renovation of Electrical Installation 2. Sinking of deep tube well of 200 mmX100 mm in the Campus. 3. Supplying & laying vitrified tile flooring & renovation of roof proactive system. 4. Supplying & Installation of submersible pump motor set including plumbing work.	6.60 3.48347 6.98903 2.64 <b>19.71250</b>	<b>50.00</b>

### **Information and Communication Technology related courses :**

It may be emphasized that due to increasing demand of technical manpower in the field of information technology and related areas, most of the newly established institutions have introduced degree courses in Information Technology, Computer Science & Engineering and Electronics & Communication Engineering. Thus out of nearly 16,000 engineering seats, share of seats in Information Technology, Computer Science & Engineering, Electronics & Communication Engineering and other similar courses is 8700.

### **Biotechnology courses :**

Biotechnology, Bio-Medical Engineering and Food Technology courses are now taught at undergraduate level in a number of colleges. Biotechnology and Food Technology courses are available at Jadavpur University, Calcutta University and West Bengal University of Technology and some private engineering colleges.

### **Introduction of Master of Computer Application (M.C.A.) Courses :**

The expansion of engineering and technology education in the State has been further facilitated by the introduction of M.C.A. course in a good number of self-financing Institutions including the universities. The total intake capacity for the Master of Computer Application (M.C.A.) course is more than 1300.

This apart, NIT, Durgapur; Netaji Subhas Open University, North Bengal University, Kalyani University, Visva-Bharati and Indira Gandhi National Open University also conduct MCA course.

### **Lateral Entry Scheme :**

In tune with the scheme of the All India Council for Technical Education, the State Govt. has extended the scope of degree level engineering education to the diploma holders in engineering in the State through the Lateral Entry Scheme. Under this scheme, diploma holders from the Polytechnic institutes with 60% marks in the aggregate have got the opportunity to seek direct entry in the second year of undergraduate engineering courses including Pharmacy after qualifying in a state level admission test conducted for the purpose to the extent of 10% of the total intake along with vacant seats of 1st year. From now onwards students with 60% marks in B.Sc. will also be eligible for admission under lateral entry scheme.

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

**NBA Accreditation status of the Government Engineering and Technology Colleges of the State :**

Sl. No.	Name of the Institution	Accredited courses	With effect from	Duration of accreditation
1.	Kalyani Government Engineering College, Kalyani.	B.Tech. in Electronics & Communication Engineering B.Tech. in Mechanical Engg. B.Tech. in Computer Sc. & Engg.	10-09-2004 10-09-2004 10-09-2004	Underprocess (Re-inspected but result has not come yet).
2.	Jalpaiguri Government Engineering College, Jalpaiguri.	B.Tech. in Mechanical Engineering B.Tech. in Electrical Engineering B.Tech. in Civil Engineering	15-02-2005 15-02-2005 15-02-2005	3 Years 3 Years 3 Years
3.	Govt. College of Engineering & Leather Technology, Kolkata.	B.Tech. in Leather Technology.	11.06.2004	3 Years
4.	Govt. College of Engineering & Textile Technology, Serampore.	B.Tech. in Textile Technology	11.06.2004	Underprocess. (Re-inspected but result has not come yet).
5.	Govt. College of Engineering & Textile Technology, Berhampore.	B.Tech. in Textile Technology	11.06.2004	3 Years
6.	Govt. College of Engineering & Ceramic Technology, Kolkata.	B.Tech. in Ceramic Technology	15-02-2005	3 Years

**Self-financing Engineering and Technology Colleges :**

Sl. No.	Name of the Institution	Name of the Programme (s)	With effect from	Period of validity
1.	Haldia Institute of Technology	B.Tech in Chemical Engineeirng	19.03.2004	3 Years
		B.Tech in Computer Sc. & Engg.	19.03.2004	3 Years
		B.Tech in Electronics & Instrumentation Engineering	19.03.2004	3 Years
		B.Tech in Electronics & Communication Engg.	19.03.2004	3 Years
2.	College of Engineering and Management, Kolaghat	B.Tech. in Computer Science & Engineering.	11.06.2004	3 Years
		B.Tech. in Electronics & Instrumentation Engg.	11.06.2004	3 Years
		B.Tech in Electrical Engg.	11.06.2004	3 Years
3.	Netaji Subhas Engg. College, Garia	B.Tech in Computer Sc. & Engg.	11.06.2004	3 Years
		B.Tech in Electronics & Comm. Engg.	11.06.2004	3 Years
		B.Tech in Electrical Engg.	11.06.2004	3 Years
4.	Institute of Engineering & Management	B.Tech in Electronics & Comm. Engg.	11.06.2004	5 Years
		B.Tech in Computer Sc. & Engg.	20.07.2005	3 Years
		B.Tech in Information Technology	31.03.2006	3 Years
5.	Asansol Engineering College	B.Tech in Electronics & Communication Engg.	31.03.2006	3 Years
6.	Bengal College of Engg. & Technology	B.Tech in Bio-Technology, Electronics & Communication Engg. Information Technology	16.03.207	3 Years

**World Bank Assisted Govt. of India sponsored project – Technical Education Quality Improvement Programme (TEQIP). :**

This is for the first time in the State of West Bengal that any externally aided Govt. of India sponsored programme for upgradation of degree level Engineering & Technology Education is being implemented.

Under TEQIP, three universities, e.g. Calcutta University, Jadavpur University and Bengal Engineering and Science University acting as lead institutions and eight network institutions (4 Govt. Institutions and 4 Self-financing/Private institutions) have been selected.

Govt. Institutions: Jalpaigur Govt. Engineering College, Jalpaiguri; Kalyani Govt. Engg. College, Kalyani; Govt. College of Engg. & Ceramic Technology, Kolkata and Govt. College of Engg. & Textile Technology, Serampore.

## **ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION**

Private self financing Institutions: Haldia Institute of Technology, Haldia; Institute of Engg. and Management, Salt Lake; Asansol Engineering College, Asansol and Netaji Subhas Engineering College, Kolkata.

Lifetime revised allocation of the programme is Rs. 144.29 crore. The Project originally scheduled for closing in June, 2008, has now been extended upto March, 2009. Till 2007-08 the State Govt. released Rs.136.04 crore.

Areas of development under the TEQIP are :

1. Introduction of new programmes (Engg. & Technology both in U.G & P.G.)
2. Reformation (obtaining partial autonomy)
3. Internal Revenue Generation
4. Faculty and Staff Development Programme
5. Net working
6. Infrastructural Development
7. Community Development; Tribal Development.

### **West Bengal Merit-cum-Means Scholarship Scheme :**

In terms of Notification vide No. 401A-Edn(T)/10M-15/07 dt. 25.04.2007 a new scholarship scheme known as “ West Bengal Govt. Merit-cum-Means Scholarship Scheme” has been introduced from the academic session of 2006-2007 in the State for providing financial assistance @ Rs.1400/- per month to poor and meritorious students domiciled in West Bengal and are studying in one of the State Government or State Government aided institution after passing out from the State Board/ Council of Secondary/Higher Secondary or a State Government aided University in West Bengal.

In the year of its implementation i.e. in the academic year 2006-2007, the number of awardees was targeted at 75 students studying in the Government Engineering & Technology Colleges/Universities/ University Departments. But 27 students could be selected. In 2007-2008, the Scholarship has been extended to the students of the self-financing degree level Engineering & Technology Colleges of the State and 200 students have been covered. Besides the above, nearly 300 students have been selected for award of such scholarship to the students receiving some grants/financial aid directly from the Chief Minister's Relief Fund on recommendation of the Chief Minister's Secretariat, Writers' Buildings.

### **Yearwise sanction of fund towards the Scholarship :**

2006-2007 Rs. 5,88,000/-; 2007-2008 Rs. 1,04,20,200/- ( along with an additional fund of Rs. 1,00,000/ - only for the same purpose).

### **Significant Policies adopted for effective Governance of the Private Self-financing Institutions :**

#### **1. Financial Assistance to poor and meritorious students :**

While recommending enhancement of tuition fees, the Fee-structure Committee has also recommended for a provision of free-studentship to the meritorious and economically handicapped students at least to the extent of 5% of the annual intake. This provision has been implemented by most of the Colleges authorities towards financial assistance to such students who submitted prayer for such financial assistance. The State Govt. has been taking effective steps extend the benefit to the desired level.

#### **2. Refund of fees for re-admission to second Institution through re-counselling**

Large number of applications were received in the Directorate from the students opting for admission in other colleges through re-counselling requesting refund of tuition fees .The Directorate has taken initiative to ensure that the colleges refund the fees to the students concerned following the Government Order issued in this regard. The institutions have responded voluntarily.

#### **3. Restructuring of the Governing Body and its proper functioning as per guidelines of the AICTE**

Due attention has been given for constitution of the Governing bodies of the colleges following the AICTE norms. The State Government has taken pro-active role towards their proper functioning. The colleges have been instructed to conduct Governing Body meetings at regular intervals.

#### **4. Rating of Private Institutions for their gradual up-gradation**

Some quality markers have been identified and information on those aspects are being collected from the self-financing Colleges. Some grade points have been assigned against each such quality marker based on which scoring of each of the Colleges has been initiated. In this way, the significantly weak areas of each College could be identified so that those can be improved by joint effort of the Directorate and the Institutions.

### **EXISTING FACILITIES IN ENGINEERING & TECHNOLOGY EDUCATION :**

As at present B.E./B.Tech./B.Pharm and B.HM courses at post-H.S.-(10+2) Level are available in more than 60 (sixty) Engineering and Technology Institutes of the State. These includes the 5 (five) university/university faculties, 6 (six) Govt. Engineering & Technology colleges, the Institute of Jute Technology under the Ministry of Textiles, Govt. of India, Institutes and rest are private Engineering/Technology/Hotel Management colleges.

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

### 4.1.1 LIST OF A.I.C.T.E. APPROVED ENGINEERING & TECHNOLOGY DEGREE COLLEGES AND UNIVERSITY ENGINEERING FACULTIES/DEPARTMENTS OFFERING ENGINEERING AND TECHNOLOGY COURSES IN DIFFERENT DISCIPLINES ALONGWITH INTAKE CAPACITY

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>1. Bengal Engineering and Science University, P.O.-Botanic Garden, Howrah- 711103, Ph : (033)2668-4561/ 62 / 63, Fax : (033)2668-2916/4564 (Year of Establishment -1856), (D.U since 1992)</b>														
Architecture	22								2					24
Civil Engineering	90													90
Computer Science & Technology	25								-5	40				60
Electrical Engineering	65								-5					60
Electronics & Tele-Communication Engineering	35								-5	30				60
Information Technology						60								60
Mechanical Engineering	65								-5					60
Metallurgical Engineering	35								-5					30
Mining Engineering	30													30
<b>Institution Total (Year wise)</b>	<b>367</b>						<b>60</b>		<b>-23</b>	<b>70</b>				<b>474</b>
<b>2. Faculty of Engineering &amp; Technology, Jadavpur University, Jadavpur, Kolkata-700032 (State Aided University), Ph : (033) 2473-4044 / 4495; Fax : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)</b>														
Architecture	20					10								30
Chemical Engineering	60					10								70
Civil Engineering	90					10								100
Computer Science & Engineering	40					20								60
Construction Technology	30					10								40
Electrical Engineering	90					10								100
Electronics & Instrumentation Engineering	20													20
Electronics & Tele-Communication Engineering	50					10								60
Information Technology							40				20			60
Instrumentation Engineering	20										20			40

## CHAPTER - 4

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Mechanical Engineering	90					10								100
Metallurgical Engineering	20					10								30
Pharmacy	60					10								70
Power Plant Engineering	30					10								40
Printing Engineering	20													20
Production Engineering	30					10								40
<b>Institution Total (Year wise)</b>	<b>670</b>					<b>130</b>	<b>40</b>				<b>40</b>			<b>880</b>
<p><b>3. Government College of Engineering and Leather Technology, New Campus:L.B-Block, Sector-III, Salt Lake, Kolkata-700091 (A State Govt. Institute), Ph. (033) 2350-1264/7311 Established as an Institute in 1919. B.Sc (Tech) Degree introduced in 1955</b></p>														
Computer Science & Engineering							40					-40	40	40
Information Technology						40						-40	40	40
Leather Technology	30												-	30
<b>Institution Total (Year wise)</b>	<b>30</b>					<b>40</b>	<b>40</b>					<b>-80</b>	<b>80</b>	<b>110</b>
<p><b>4. Government College of Engineering and Textile Technology, Serampore, Dist. Hooghly , Pin-712201 Ph: (033) 26623156/ 1058 Established as an Institute in 1908. B.Sc(Tech) degree introduced in 1957 and B.Tech in 1998</b></p>														
Computer Science & Engineering								40	-10					30
Information Technology							40		-10					30
Textile Technology	30													30
<b>Institution Total (Year wise)</b>	<b>30</b>						<b>40</b>	<b>40</b>	<b>-20</b>					<b>90</b>
<p><b>5. Government College of Engineering and Textile Technology, Berhampore, Dist. Murshidabad, Pin-742101 Ph: (03482) 250142 Established as an Institute in 1927. B.Sc(Tech) degree introduced in 1958 and B.Tech in 1998</b></p>														
Computer Science & Engineering								40						40
Textile Technology	30													30
<b>Institution Total (Year wise)</b>	<b>30</b>							<b>40</b>						<b>70</b>
<p><b>6. Jalpaiguri Govt. Engg. College, Jalpaiguri, Pin-735102 (A State Govt. Institute) Phone -(03561) 255130, Fax : (03561)255131 (Year of Establishment-1961)</b></p>														



## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Civil Engineering	45					15								60
Computer Science & Engineering							40					20		60
Electrical Engineering	45				15									60
Electronics & Communication Engineering							40					20		60
Information Technology								40				20		60
Mechanical Engineering	60													60
<b>Institution Total (Year wise)</b>	<b>150</b>				<b>15</b>	<b>15</b>	<b>80</b>	<b>40</b>				<b>60</b>		<b>360</b>
<b>7. Government College of Engineering and Ceramic Technology, 73,A.C Banerjee Rd. Calcutta-700010 (A State Govt. Institution) Ph: (033)23501264/7311 Established as an Institute in 1941. B.Sc (Tech) degree introduced in 1962 and B.Tech in 2000</b>														
Ceramic Technology	40													40
Computer Science & Engineering								40						40
Information Technology							40							40
<b>Institution Total (Yearwise)</b>	<b>40</b>						<b>40</b>	<b>40</b>						<b>120</b>
<b>8. Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033)2582-6680/1309 Fax : (033) 25821309, (Year of Establishment-1995)</b>														
Computer Science & Technology		30	10		20									60
Electronics & Communication Engineering		30			30									60
Information Technology							40					20		60
Mechanical Engineering		30	10		20									60
Electrical Engineering												60		60
<b>Institution Total (Year wise)</b>		<b>90</b>	<b>20</b>		<b>70</b>		<b>40</b>					<b>80</b>		<b>300</b>
<b>9. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia, Dist.: Purba Midnapore, Pin.-721657 (Private Institute), Ph: (03224) 52800, Fax : (03224) 52900 (Year of Establishment-1996)</b>														
Bio-Technology.								40			20		60	120
Chemical Engineering			30		30									60
Civil Engineering											60		60	120

## CHAPTER-4

<b>B.E./B.Tech (Post Higher Secondary)</b>	<b>Upto 94-95</b>	<b>95-96</b>	<b>96-97</b>	<b>97-98</b>	<b>98-99</b>	<b>99-00</b>	<b>00-01</b>	<b>01-02</b>	<b>02-03</b>	<b>03-04</b>	<b>04-05</b>	<b>05-06</b>	<b>06-07</b>	<b>Total</b>
Computer Science & Engineering			30	30										60
Electrical Engineering									40		20			60
Electronics & Communication Engineering				30			30							60
Information Technology							40					20		60
Instrumentation and Control Engineering											60			60
Applied Electronics & Instrumentation Engineering			30		30									60
Mechanical Engineering				40								20		60
Production Engineering								40						40
Food Technology													60	60
<b>Institution Total (Year wise)</b>			<b>90</b>	<b>100</b>	<b>60</b>		<b>70</b>	<b>80</b>	<b>40</b>		<b>160</b>	<b>40</b>	<b>180</b>	<b>820</b>
<b>10. Institute of Engineering &amp; Management, Salt Lake, Y-12, Sector - V, Electronics Complex, Kolkata-91 (Private Institute) Ph: ( 033) 2357-2059 Fax : ( 033) 2357-8302 (Year of Establishment-1997)</b>														
Computer Science & Engineering							90							90
Electronics & Tele-Communication Engineering				60										60
Information & Multimedia Technology						60								60
<b>Institution Total (Year wise)</b>				<b>60</b>		<b>60</b>	<b>90</b>							<b>210</b>
<b>11. Bankura Unnayani Institute of Engineering, P.O.-Bhagabandh, P.S. &amp; Dist. - Bankura, Pin-722146 (Private Institute) Ph : (03242) 255855/ 255955, Fax : +91-3242-255955 (Year of Establishment-1998)</b>														
Computer Science & Engineering				60										60
Electronics & Communication Engineering				60										60
Electronics & Instrumentation Engineering				60										60
Information Technology							40		20					60
Electrical Engineering													60	60
<b>Institution Total (Year wise)</b>				<b>180</b>			<b>40</b>		<b>20</b>				<b>60</b>	<b>300</b>
<b>12. Murshidabad College of Engineering &amp; Technology, P.O Berhampur, P.S Balrampur, Dist Murshidabad. (Private Institute) Ph: (03482) 251191/251196/251136 (Year of Establishment-1998)</b>														

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Science & Technology					40	20								60
Electronics & Communication Engineering					40		20							60
Information Technology							30	10	20					60
<b><i>Institution Total (Year wise)</i></b>					<b>80</b>	<b>20</b>	<b>50</b>	<b>10</b>	<b>40</b>					<b>180</b>
<p><b>13.College of Engineering &amp; Management, Kolaghat KTPP Township P.S Mecheda, Dist.: Purba Midnapur, Pin: 721171( Private Institute), Ph : (03228) 250971/249443 Fax : 03228-250880, (Year of Establishment-1998)</b></p>														
Computer Science & Engineering					40	20								60
Electrical Engineering					40	20								60
Electronics & Instrumentation Engineering					40				20					60
Information Technology					40	20			20					60
Electronics & Communication Engineering										60				60
<b><i>Institution Total (Year wise)</i></b>					<b>160</b>	<b>40</b>			<b>40</b>	<b>60</b>				<b>300</b>
<p><b>14.Asansol Engineering College, Sen Releigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341)251426/ 252108, Fax: (0341) 2253056/2254248, (Year of Establishment-1998)</b></p>														
Computer Science & Engineering					60			30						90
Electrical Engineering					60				30					90
Electronics & Communication Engineering					60				30					90
Information Technology					60			30		-30				60
Instrumentation Engineering									40	20				60
Mechanical Engineering										30				30
<b><i>Institution Total (Year wise)</i></b>					<b>240</b>			<b>60</b>	<b>100</b>	<b>20</b>				<b>420</b>

## CHAPTER - 4

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>15. Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O. Panchpota, Dist.24 Parganas (S) : Ph : (033) 2436-3333 /1285, Fax : (033) 2436-1286 (Private Institute) (Year of Establishment-1998)</b>														
Applied Electronics & Instrumentation Engineering												60		60
Bio-Medical Engineering									30					30
Computer Science & Engineering					40		20	30				30		120
Electrical Engineering					60									60
Electronics & Communication Engineering					40		20	30				30		120
Information Technology					40		20	30						90
<b>Institution Total (Year wise)</b>					<b>180</b>		<b>60</b>	<b>90</b>		<b>30</b>		<b>120</b>		<b>480</b>
<b>16. University Science Instrumentation Centre, Kalyani University, Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph : (033) 2582-6680/ 1039, Fax : (033) 2582-6680 (Year of Establishment-1999)</b>														
Electronics & Instrumentation Engineering						40								40
Information Technology						40								40
<b>Institution Total (Year wise)</b>						<b>80</b>								<b>80</b>
<b>17. B.P Poddar Institute of Management &amp; Technology, 137, V.I.P. Road (Mondal Ghanti) Kolkata - 700052, (Private Institute), Ph: (033) 25739607/9608/ 9609/ 9610, Fax : 033-2573-9401 (Year of Establishment-1999)</b>														
Computer Science & Engineering						60								60
Electrical Engineering						60		-30		30				60
Electronics & Communication Engineering						60							60	120
Information Technology						60								60
<b>Institution Total (Year wise)</b>						<b>240</b>		<b>-30</b>		<b>30</b>			<b>60</b>	<b>300</b>
<b>18. MCKV Institute of Engineering, 243, G.T. Road ( North), Liluah, Howrah-711204 (Private Institute) Ph : (033) 26549315/ 16/17/18, Fax : 2242-5487, (Year of Establishment-1999)</b>														

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Automobile Engineering										60				60
Computer Science & Engineering						60		30	-30					60
Electronics & Communication Engineering						60		30	-30					60
Information Technology						60		30	-30					60
<b>Institution Total (Year wise)</b>						<b>180</b>		<b>90</b>	<b>-90</b>	<b>60</b>				<b>240</b>
<b>19.RCC Institute of Information Technology, College of Leather Technology, (Old Campus), Canal South Road, Belehata, Kolkata- 700015 , (A Govt. aided Institute ) Ph : (033) 2216-1463/1400, Fax : (033) 2323-8003 (Year of Establishment - 1999)</b>														
Computer Science & Engineering						60								60
Information Technology						60								60
Electronics & Communication Engineering													60	60
<b>Institution Total (Year wise)</b>						<b>120</b>							<b>60</b>	<b>180</b>
<b>20.Birbhum Institute of Engineering &amp; Technology, , P.O. - Suri, Dist. - Birbhum, Pin - 731101 (A Private Institute) Ph : (03462) 256839, Fax : (03462) 256839, (Year of Establishment-1999)</b>														
Computer Science & Engineering						60								60
Electrical Engineering						60								60
Electronics & Communication Engineering						60								60
Information Technology								40					20	60
Mechanical Engineering						60								60
Civil Engineering													60	60
<b>Institution Total (Year wise)</b>						<b>240</b>		<b>40</b>					<b>80</b>	<b>360</b>
<b>21.Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin: 734225 Siliguri, Darjeeling, (A Private Institute) Ph: (0353) 2574074, 2574075 Fax : 0353-2574076 (Year of Establishment-1999)</b>														
Bio Technology										30				30
Computer Science & Engineering						60			30					90
Electrical Engineering						60								60
Electronics & Communication Engineering						60								60

## CHAPTER - 4

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Information Technology						60								60
Instrumentation Engineering						60								60
<b>Institution Total (Year wise)</b>						<b>300</b>			<b>30</b>	<b>30</b>				<b>360</b>
<b>22. Institute of Jute Technology, 35, Ballygunge Circular Road, Kolkata-700019 (a Central Govt Aided Institution under Ministry of Textile, Govt. of India) Ph : (033) 2475-1985/2476-1166 Fax : 033-2475-0996, Established as an Institute in 1951. B.Tech Degree introduced in 1999</b>														
Jute & Fibre Technology	30													30
<b>Institution Total (Year wise)</b>	<b>30</b>													<b>30</b>
<b>23. Dr. B.C.Roy Engineering College, Durgapur, Jemua Road, Fuljhore, Durgapur-713206 (Private Institute), Ph. (0343) 2502449, Fax : 0343-2545718, (Year of Establishment-2000)</b>														
Mechanical Engineering										30	30			60
Computer Science & Engineering						60								60
Electrical Engineering						60								60
Electronics & Communication Engineering								60						60
Electronics & Instrumentation Engineering						60								60
Information Technology						60								60
B. Pharmacy												60		60
<b>Institution Total (Year wise)</b>						<b>240</b>			<b>60</b>	<b>30</b>	<b>30</b>	<b>60</b>		<b>420</b>
<b>24. Bengal Institute of Technology, Tech. Town, P.O. Bamonghata, On Basanti Highway, Kolkata, Pin : 700 039. (Private Institute) Ph.: 033-2345-8001/02/03, Fax : 033-2345-8005 (Year of Establishment-2000)</b>														
Bio-Technology.									30					30
Computer Science & Engineering						60								60
Electronics & Communication Engineering						60								60
Information Technology						60								60
<b>Institution Total (Year wise)</b>						<b>180</b>			<b>30</b>					<b>210</b>
<b>25. St. Thomas College of Engineering &amp; Technology, 4, Diamond Harbour Road, Kolkata-700 023, (Private Institute), Ph.: 033-2448-1081/1082, Fax : 2448-2914, (Year of Establishment-2000)</b>														

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Science & Engineering							60							60
Electrical Engineering							60							60
Electronics & Communication Engineering							60							60
Information Technology							60							60
<b>Institution Total (Year wise)</b>							<b>240</b>							<b>240</b>
<b>26. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute)</b>														
<b>Ph. (033) 2582-2154/ 2582-2137,2138 (Year of Establishment-2000)</b>														
Bio Medical Engineering										30		30		60
Computer Science & Engineering							60	30						90
Electrical Engineering							60							60
Electronics & Communication Engineering							60							60
Electronics & Instrumentation Engineering									40			20		60
Information Technology							60	30						90
<b>Institution Total (Year wise)</b>							<b>240</b>	<b>60</b>	<b>40</b>	<b>30</b>		<b>50</b>		<b>420</b>
<b>27. University Institute of Technology, Burdwan University, P.O. Rajbati, Dist. Burdwan, Pin-713104</b>														
<b>(A Govt. aided Institute), Ph. (0342) 2557-800/561-016, Fax.-0342-2564452 (Year of Establishment-2000)</b>														
Applied Electronics & Instrumentation Engineering										30	30			60
Computer Science & Engineering							40	20						60
Electronics & Communication Engineering							40	20						60
Information Technology							40		20					60
<b>Institution Total (Year wise)</b>							<b>120</b>	<b>40</b>	<b>20</b>	<b>30</b>	<b>30</b>			<b>240</b>
<b>28. Gupta College of Technological Sciences, Ashram More, G.T. Road, Asansol-713301</b>														
<b>(Private Institute), Ph.(0341) 2213120/2204423/2203839, Fax : 0341-2213120 (Year of Establishment-2000)</b>														
Pharmacy							60	30						90
<b>Institution Total (Year wise)</b>							<b>60</b>	<b>30</b>						<b>90</b>

CHAPTER - 4

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>29. School of Information Technology, West Bengal University of Technology</b>														
Information Technology							70							70
<b>Institution Total (Year wise)</b>							<b>70</b>							<b>70</b>
<b>30. Dumkal Institute of Engineering &amp; Technology, Mouza Ramna, Etbar Nagar, Basantapur, P.O.: Dumkal, Dist.: Murshidabad, Pin: 742303. (Private Institute), Ph. : (03481) - 230033/230040 Fax : (03481) - 231188, (Year of Establishment-2001)</b>														
Computer Science & Engineering								60						60
Electronics & Communication Engineering								60						60
Electronics & Instrumentation Engineering								60						60
Information Technology								60						60
Electrical Engineering												60		60
<b>Institution Total (Year wise)</b>								<b>240</b>						<b>300</b>
<b>31. Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata - 700056. (Private Institute) (Year of Establishment-2001), Ph : 033-2563-7777/8880, 2583-7029</b>														
Computer Science & Engineering								60						60
Electrical Engineering									60					60
Electronics & Communication Engineering								60						60
Information Technology								60						60
<b>Institution Total (Year wise)</b>								<b>180</b>	<b>60</b>					<b>240</b>
<b>32. Techno India, Plot No. EM-4/1, Salt Lake Electronics Complex, Sector - V, Kolkata - 700091. (Private Institute) (Year of Establishment-2001), Ph : 033-2357-5683/84/85, Fax : 033-2357-5686</b>														
Food Technology										30	30			60
Computer Science & Engineering								60						60
Electrical Engineering								60						60
Electronics & Communication Engineering								60		30				90
Information Technology								60						60



## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Electronics & Instrumentation Engineering													60	60
<b>Institution Total (Year wise)</b>								240		60	30		60	390
<b>33. Bengal College of Engineering &amp; Technology, Shahid Sukumar Banerjee Sarani, Durgapur - 713212 (Private Institute) (Year of Establishment-2001) Ph. : 0343-2533186 Fax: 0343-2536756</b>														
Applied Electronics & Instrumentation Engineering											60			60
Electrical & Electronics Engineering										30	30			60
Bio-Technology.								60						60
Computer Science & Engineering								60						60
Electronics & Communication Engineering								60						60
Information Technology								60						60
<b>Institution Total (Year wise)</b>								240		30	90			360
<b>34. Meghnad Saha Institute of Technology, Madurdaha, Behind Ruby Hospital, (Near NRI Complex) Kolkata - 700 039. (Private Institute) (Year of Establishment-2001) Ph. : 033-24431031/1033 Fax : 033-24431032.</b>														
Civil Engineering										60				60
Computer Science & Engineering								60						60
Electrical Engineering								60						60
Electronics & Communication Engineering									60					60
Information Technology								60						60
<b>Institution Total (Year wise)</b>								180	60	60				300
<b>35. Heritage Institute of Technology, Chowdhaga Road, Anandapur, P.O. : East Kolkata Town Ship, Kolkata - 700 017. (Private Institute) (Year of Establishment-2001), Ph. : 033-2443-0454/0457/0710 Fax : 033-2443-0455</b>														
Bio-Technology.									30	30				60
Chemical Engineering									60					60
Computer Science & Engineering								60					30	90

## CHAPTER-4

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Electronics & Communication Engineering								60					30	90
Applied Electronics & Instrumentation Engineering								60						60
Information Technology								60						60
<b>Institution Total (Year wise)</b>								<b>240</b>	<b>90</b>	<b>30</b>			<b>60</b>	<b>420</b>
<b>36.National Power Training Institute (ER) Michael Faraday St. City Center, Durgapur-713216.</b> <b>(Self-Financing Institute under the Ministry of Power, Govt. of India) (Year of Establishment 2002)</b> <b>Ph : 0343-2545888 / 2546237, Fax : 0343-2545888</b>														
Power Plant Engineering									60				60	
<b>Institution Total (Year wise)</b>									<b>60</b>				<b>60</b>	
<b>37.Future Institute of Engineering &amp; Management, Ramkrishna Mission Pally,</b> <b>Kolkata-700 150. (Private Institute) (Year of Establishment-2002) Ph : 2434-5640/5615</b> <b>Fax : 2434-5641</b>														
Mechanical Engineering										60				60
Computer Science & Engineering									60				30	90
Electrical Engineering									60					60
Applied Electronics & Instrumentation Engineering									60					60
Electronics & Communication Engineering									60				30	90
<b>Institution Total (Year wise)</b>									<b>240</b>	<b>60</b>			<b>60</b>	<b>360</b>
<b>38.Institute of Technology &amp; Marine Engg.,Vill-Jingha, P.O. Amira, P.S-Diamond Harbour,</b> <b>Dist-South 24 Parganas, W.B-743368 (Private Institute), (Year of Establishment-2002)</b> <b>Ph. : 033-245078/101, Fax : 033-245108</b>														
Bio-Technology.									30					30
Computer Science & Engineering									60					60
Electronics & Communication Engineering									60					60

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Information Technology									30	30				60
Marine Engineering									60		20			80
<b>Institution Total (Year wise)</b>									<b>240</b>	<b>30</b>	<b>20</b>			<b>290</b>
<b>39.Mallabhum Institute of Technology, Braja Radha Nagar ( Gopalpur), P.O. Gosainpur., Dist. : Bankura, W.B.Pin : 722122, (Private Institute) (Year of Establishment-2002) Ph : 03244-255207/208, Fax: 033-24406996</b>														
Electrical Engineering										30			30	60
Computer Science & Engineering									60					60
Electronics & Communication Engineering									60					60
Information Technology									60					60
Mechanical Engineering											30		30	60
Production Engineering									60		-30			30
<b>Institution Total (Year wise)</b>									<b>240</b>	<b>30</b>			<b>60</b>	<b>330</b>
<b>40.Durgapur Institute of Advanced Tech. &amp; Management, G. T. Road, Rajbandh,Durgapur - 713212 (Private Institute) (Year of Establishment-2002) Ph : 0343-2520712, Fax : 0343-2520713</b>														
Chemical Engineering											60			60
Computer Science & Engineering									60		30			90
Electrical Engineering									60					60
Electronics & Communication Engineering									60		30			90
Information Technology									60					60
<b>Institution Total (Year wise)</b>									<b>240</b>		<b>120</b>			<b>360</b>
<b>41.Calcutta Institute of Pharmaceutical Technology &amp; Allied Health Sciences, Banitabla, P.O.: Uluberia, Howrah - 711 316 (Private Institute) (Year of Establishment-2002) Ph : 033-26610499, Fax : 033-28075015</b>														
Pharmacy											60		60	
<b>Institution Total (Year wise)</b>											<b>60</b>		<b>60</b>	
<b>42.Aryabhata Institute of Engineering &amp; Management, Panagarh, Panagarh Bazar, Dist. Burdwan Pin-713148, (Private Institute) Year of Establishment-2003, Ph : 0343/2526415/416/417, Fax : 0343-2526417</b>														

## CHAPTER-4

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Sciecn & Engineering										60				60
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Information Technology										60				60
<b><i>Institution Total (Year wise)</i></b>										<b>240</b>				<b>240</b>
<b><i>43. Bengal Institute of Technology &amp; Management, Shriniketan Bypass, Gopal Nagar, P.O. Doranda, Birbhum-731236, (Private Institute) Year of Establishment-2003, Ph : 03463-271354, Fax : 03463-271353</i></b>														
Applied Electronics & Instrumentation Engineering											60			60
Computer Science & Engineering										60			30	90
Electronics & Communication Engineering										60			30	90
Electrical Engineering										60				60
Information Technology										60				60
<b><i>Institution Total (Year wise)</i></b>										<b>240</b>	<b>60</b>		<b>60</b>	<b>360</b>
<b><i>44. Gurunanak Institute of Technology, 157/F, Nilgunge Road, Panihati, Dist-24 Pgs. (N) Pin-743176 Private Institute, Year of Establishment-2003, Ph. 033-2558-0983, Fax : 033-2528-9000</i></b>														
Computer Science & Engineering										60				60
Electronics & Communication Engineering										60				60
Applied Electronics & Instrumentation Engineering										60				60
Electrical Engineering										60				60
B. Pharmacy												60		60
B Hotel Management												60		60
Food Technology													60	60
<b><i>Institution Total (Year wise)</i></b>										<b>240</b>		<b>120</b>	<b>60</b>	<b>420</b>
<b><i>45. Sarojmohan Institute of Technology, Guptipara, Dist.- Hooghly, Pin-712 512, (Private Institution) Year of Establishment-2003, Ph. 03213-262201</i></b>														

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Computer Science & Engineering										60			30	90
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Information Technology										60				60
Mechanical Engineering											60			60
Applied Electronics & Instrumentation Engineering													60	60
<b><i>Institution Total (Year wise)</i></b>										<b>240</b>	<b>60</b>		<b>90</b>	<b>390</b>
<b>46. IMPS College of Engineering &amp; Technology, Nityanandapur, P.O. &amp; Dist.- Malda, Pin-732 101</b> <b>Private Institution, Year of Establishment-2003, Ph. 03512-271555 / 251272</b>														
Computer Science & Engineering										60				60
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Information Technology										60				60
<b><i>Institution Total (Year wise)</i></b>										<b>240</b>				<b>240</b>
<b>47. Calcutta Institute of Engineering &amp; Management, 24/1 A, Chandi Ghosh Road, Kolkata-700 040</b> <b>Private Institution, Year of Establishment-2003, Ph. : 033-2421-5747, Fax : 033-2421-8998</b>														
Computer Science & Engineering										60				60
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Information Technology										60				60
Instrumentation Engineering													60	60
<b><i>Institution Total (Year wise)</i></b>										<b>240</b>			<b>60</b>	<b>300</b>
<b>48. Academy of Technology, G. T. Road, P.O.: AEDCO, Nagar, Dist - Hooghly, Pin-712121</b> <b>Private Institution, Year of Establishment-2003</b>														
Computer Science & Engineering										60				60

CHAPTER - 4

<b>B.E./B.Tech (Post Higher Secondary)</b>	<b>Upto 94-95</b>	<b>95-96</b>	<b>96-97</b>	<b>97-98</b>	<b>98-99</b>	<b>99-00</b>	<b>00-01</b>	<b>01-02</b>	<b>02-03</b>	<b>03-04</b>	<b>04-05</b>	<b>05-06</b>	<b>06-07</b>	<b>Total</b>
Electronics & Communication Engineering										60				60
Electrical Engineering										60				60
Applied Electronics & Instrumentation Engineering										60				60
Instrumentation and Control Engineering											60			60
Information Technology													60	60
<b>Institution Total (Year wise)</b>										<b>240</b>	<b>60</b>		<b>60</b>	<b>360</b>
<b>49. Netaji Subhas Chandra Bose Institute of Pharmacy, P.O. &amp; P.S. : Chakdaha, Nadia, West Bengal-741 222, (Private Institute) Year of Establishment-2004</b>														
B. Pharmacy											60			60
<b>Institution Total (Year wise)</b>											<b>60</b>			<b>60</b>
<b>50. Hooghly Engineering &amp; Technology College, C/o Hooghly Institute of Technology, Hooghly, P.O. &amp; Dist. : Hooghly, (Private Institute) Year of Establishment-2004</b>														
Civil Engineering											60			60
Computer Science & Engineering											60			60
Electronics & Communication Engineering											60			60
Electrical Engineering											60			60
<b>Institution Total (Year wise)</b>											<b>240</b>			<b>240</b>
<b>51. Calcutta Institute of Technology, P.O. : Banitabla, P.S. : Uluberia, Dist. : Howrah-711 316, West Bengal (Private Institute) Year of Establishment-2004</b>														
Bio-Medical Engineering											60			60
Chemical Engineering											60			60
Computer Science & Engineering											60			60

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
Electronics & Communication Engineering											60			60
Information Technology													60	60
<b><i>Institution Total (Year wise)</i></b>											<b>240</b>		<b>60</b>	<b>300</b>
<b>52. Techno India College of Technology, New Town, Kolkata-71, (Private Institute)</b>														
<b><i>Year of Establishment-2005</i></b>														
Computer Science & Engineering												60		60
Information Technology												60		60
Electronics & Communication Engineering												60		60
Electrical Engineering												60		60
Electronics & Instrumentation Engineering													60	60
<b><i>Institution Total (Year wise)</i></b>												<b>240</b>	<b>60</b>	<b>300</b>
<b>53. H. C. Garg Institute of Science and Tech. 124, B. L. Saha Road, Tollygunge, Kolkata-700053, (Private Institute)</b>														
<b><i>(Year of Establishment-2005)</i></b>														
B. Pharmacy												60		60
<b><i>Institution Total (Year wise)</i></b>												<b>60</b>		<b>60</b>
<b>54. BCDA College of Pharmacy &amp; Technology, 78 Jessore Road (South), Hridaypur, Kolkata-127</b>														
<b><i>Phone : 2584-2433, Fax : 2584-2433, (Year of Establishment-2006)</i></b>														
B. Pharmacy													60	60
<b><i>Institution Total (Year wise)</i></b>													<b>60</b>	<b>60</b>
<b>55. Bengal School of Technology, Super Market, Station Road, P.O. Sugandha, Chinsurah, Hooghly-712102</b>														
<b><i>Phone : 2686-6064, Fax : 2686-2482 (Year of Establishment-2006)</i></b>														
B. Pharmacy													60	60
<b><i>Institution Total (Year wise)</i></b>													<b>60</b>	<b>60</b>

## CHAPTER - 4

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>56. Bharat Technology, Jaduberia, Uluberia, Howrah-711316 (Year of Establishment-2006)</b>														
B. Pharmacy													60	60
<b>Institution Total (Year wise)</b>													<b>60</b>	<b>60</b>
<b>57. Seacom Engg. College, 31 No. 2 Jaladhulagari, Sankrail, Howrah, Phone : 2679-0480, Fax : 3430-9308 (Year of Establishment-2006)</b>														
Computer Sc. & Engineering													60	60
Electronics & Comm. Engg.													60	60
Electrical Engineering													60	60
Mechanical Engineering													60	60
<b>Institution Total (Year wise)</b>													<b>240</b>	<b>240</b>
<b>58. Dream Instt. of Technology, P.O.- Nahazari, Vill.- Samali, P.S.- Bishnupur, 24 Pgs. (S), Phone : 2471-6796, Fax : 2458-0244 (Year of Establishment-2006)</b>														
Computer Sc. & Engineering													60	60
Electronics & Comm. Engg.													60	60
Electrical Engineering													60	60
Applied Electronics & Instrumentation Engineering													60	60
<b>Institution Total (Year wise)</b>													<b>240</b>	<b>240</b>
<b>59. Institute of Science &amp; Technology, Dhurabila, Dhankuni, Chandrakona Town, West Midnapore Phone : 03225-267288, Fax 03225-266644 (Year of Establishment-2006)</b>														
Computer Sc. & Engineering													60	60
Electronics & Comm. Engg.													60	60
Information Engineering													60	60
Applied Electronics & Instrumentation Engineering													60	60
<b>Institution Total (Year wise)</b>													<b>240</b>	<b>240</b>



## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08
<b>60. Camellia Institute of Technology, Digberia, P.S.- Madhyamgram, Kolkata-700129</b> <i>Phone : 033-6455-1145 / 1146 / 1660 (Year of Establishment-2007)</i>														
Computer Sc. & Engineering														60
Electronics & Comm. Engg.														60
Information Engineering														60
Electrical & Electronics Engg.														60
<b><i>Institution Total (Year wise)</i></b>														<b>240</b>
<b><i>Grand Total at B.E./B.Tech (Post Higher Secondary) level</i></b>	<b>1347</b>	<b>90</b>	<b>110</b>	<b>340</b>	<b>845</b>	<b>1465</b>	<b>1800</b>	<b>1950</b>	<b>1577</b>	<b>2370</b>	<b>1225</b>	<b>740</b>	<b>2090</b>	<b>15949</b>

B.E./B.Tech (Post B. Sc.)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>1. Calcutta University, University College of Science &amp; Technology, (A State aided University)</b>														
Chemical Engineering	40													40
Ceramic Technology	10													10
Oil Technology	10													10
Petrochemical & Petroleum Refinery Engineering	10													10
Pharmaceuticals & Fine Chemical Engineering	10													10
Computer Science & Engineering	30						10							40
Electrical Engineering	14									6				20
Information Technology							40							40
Instrumentation Engineering	16									4				20
Opto Electronics	20													20
Polymer Technology	30													30
Radio Physics Electronics	42													42
<b><i>Institution Total (Year wise)</i></b>	<b>232</b>						<b>50</b>			<b>10</b>				<b>292</b>

CHAPTER - 4

B.E./B.Tech (Post B. Sc.)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>2. Jadavpur University, Faculty of Engineering &amp; Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495 Fax No. : (033) 2473-5508/2413-7121 (Year of Establishment-1955)</b>														
Food Technology & Bio-Technology (B.Tech) Medical Engineering	20										1			21
Instrumentation & Electronics Engineering	20										2			22
<b>Institution Total (Year wise)</b>	<b>40</b>										<b>3</b>			<b>43</b>
<b>Grand Total at B.Tech (Post B.Sc) level</b>	<b>272</b>						<b>50</b>			<b>10</b>	<b>3</b>			<b>335</b>

B.E./B.E (Post Diploma)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>1 Jadavpur University, Faculty of Engineering &amp; Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)</b>														
Civil Engineering (P/T)	40										8			48
Electrical Engineering (P/T)	40										2			42
Mechanical Engineering (P/T)	40										3			43
<b>Institution Total (Year wise)</b>	<b>120</b>										<b>13</b>			<b>133</b>
<b>Grand Total at B. E. (Post Diploma) level</b>	<b>120</b>										<b>13</b>			<b>133</b>

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

Bachelor in Hotel Management	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>1. NSHM School of Hotel Management, Bharati Road, 16th Street, B-Zone, Durgapur-713 205 (Private Institute) (Year of Establishment-2001) Ph. : 0343-2548606/2548607, Fax : 0343-2561045</b>														
Hotel Management								60						60
<b>Institution Total (Year wise)</b>								<b>60</b>						<b>60</b>
<b>2. DMS Durgapur Hotel Management</b>														
Hotel Management									60					60
<b>Institution Total (Year wise)</b>									<b>60</b>					<b>60</b>
<b>3. Gurunanak Institute of Hotel Management</b>														
Hotel Management													60	60
<b>Institution Total (Year wise)</b>													<b>60</b>	<b>60</b>
<b>4. Siliguri Institute of Hotel Management</b>														
Hotel Management													60	60
<b>Institution Total (Year wise)</b>													<b>60</b>	<b>60</b>

N.B. : RE College (NIT) Durgapur with 0 intake is outside the purview of H.E. Department.

**4.1.2 FACILITIES IN POST-GRADUATE LEVEL EDUCATION AT M.E./M.TECH. LEVEL IN ENGINEERING AND TECHNOLOGY.**

No.	Name of Engineering Technology Colleges / Institute	Subject	Sanctioned Intake	Affiliating University
1)	<b>Jadavpur University,</b> <b>Faculty of Engineering &amp; Technology,</b> <b>Jadavpur, Kolkata-700032.</b> <b>(State Aided University)</b> <b>Ph : (033) 2473-4044 / 4495;</b> <b>Fax No. : (033) 2473-5508</b> <b>/2413-7121</b> <b>(Year of Establishment- 1995)</b>	<b>M. ARCH</b> Housing/ Urban Design (Architecture)  <b>M. E.</b> M.M.D. (Master Degree) Software Engineering Power Mechanical Illumination Computer Science Civil Engineering Instrumentation & Electronics Engineering Production Engineering Automobile Engineering Industrial Metallurgy Food Tech. and Bio-chem Engg. Communication Engg./ Control Engg/Electronic Devices Electrical Power System (m.e.e)/High Voltage Engg. Bio-medical Engineering Control System Engg./ Electrical Machines Chemical Engg./Master of Chemical Engg. Water Resource and Hydraulic	 8  22 18 18 25 18 31 25 8 13 18 10 8 25 25  11 15  19  18	

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

	<b>M. PHARM/ M.TECH</b> Pharmaceuticals & Fine Chemical Technology/ Pharmaceutical Engg.	25	
	<b>M. TECH</b> VLSI Energy Science And Technology Nano Science & Technology Computer Technology (p/t) Material Engineering	18 13 18 33 18	
	<b>PG-DIPLOMA</b> Information Technology (courseware)	18	
	<b>Total :</b>	<b>478</b>	
<b>2) Bengal Engineering and Science University, Shibpur</b> <b>P.O.-Botanic Garden,</b> <b>Howrah-711103,</b> <b>Ph: (033)2668-4561/ 62/ 63</b> <b>Fax : (033)2668-2916/ 4564</b> <b>(Year of Establishment 1856),</b> <b>(D.U. since 1992)</b>	<b>M.E.</b> Highway and Traffic Engineering/Soil Mechanics and Foundation Industrial Metallurgy Environmental Engineering Advance Mechanics and Theory of Machines Fluid Power System and Control Hydraulics Engineering Mechanics of Fluids Mechanics of Solids Structural Engineering Information Technology and Computer Engg. Control System Engg./ Electrical Machines/Power Electronics Digital System and Instrumentation/microwave Communication	27 15 6 18 18 18 18 13 16 30 16	

CHAPTER-4

	Heat Power Engines/Machine Design/Production Engg.	31	
	Physical Metallurgy/Process Metallurgy	19	
	Mining Engineering	18	
	Geotechnical Engineering	13	
	<b>M.T.RP.</b>		
	Town And Regional Planning	16	
	<b>Total</b>	<b>310</b>	
<b>3) West Bengal University of Technology</b> <i>BF-142, Sector-1 Salt Lake City, Kolkata-700 064 West Bengal</i>	Bio-Informatics	18	
	Bio-Technology	18	
	Computer Science	18	
	Industrial Engineering & Management	18	
	Information Technology	18	
	Software Engineering	18	
	Total :	108	
<b>4) University Institute of Technology</b> <i>Burdwan P.O. - Rajbati, Burdwan</i>	Electronics & Communication Engineering (Microwave)	15	
	Total :	15	
<b>5) Kalyani University</b> <i>Kalyani, Nadia</i>	Computer Science Engineering	10	
	Total :	10	
<b>6) Kalyani Government Engineering College, Kalyani, Nadia Pin-741235</b> <i>(A State Govt. Institute) Ph : (033) 2582-6680/1309 Fax : (033) 25821309 (Year of Establishment-1995)</i>	<b>M.TECH</b>		
	Computer Engineering	18	
	Production Engineering	18	
	Electronics & Communication Engineering	18	
	Total	<b>54</b>	

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

<p>7) <b>Govt. College of Engineering &amp; Textile Technology, Serampore, Dist. Hooghly Pin-712201</b>  <b>(A State Govt. Institute)</b>  <b>Ph : (033) 26623156/1058</b>  <b>Established as an Institute in 1908. B.Sc(Tech) degree introduced in 1957 and B.Tech in 1998</b></p>	<p><b>M.TECH</b>  Mechanical Processing of  Textiles</p>	10	
<b>Total</b>		<b>10</b>	
<p>8) <b>Govt. College of Engineering &amp; Leather Technology</b></p>	Leather Technology	25	
<b>Total</b>		<b>25</b>	
<p>9) <b>Govt. College of Engineering &amp; Ceramic Technology</b></p>	Ceramic Technology	18	
<b>Total</b>		<b>18</b>	
<p>10) <b>Calcutta University, University College of Science &amp; Technology (A State aided University)</b></p>	<p><b>M. PHARM / M. TECH</b>  Pharmaceuticals &amp; Fine  Chemical Technology /  Pharmaceutical Engg.</p> <p><b>M. TECH</b>  Polymer Science and Tech.  Optics &amp; Optoelectronics  Bio-technology  Computer Engineering  Electrical Engineering.  Radio Physics and Electronics  Petrochemicals and Petroleum  Refinery Engineering  Oil Technology  Process Engg / Petrochemicals  and Petroleum Refinery  Environmental Engineering  and Plant Safety  Instrumentation Engineering</p>	<p>10</p> <p>18</p> <p>18</p> <p>8</p> <p>41</p> <p>18</p> <p>40</p> <p>10</p> <p>10</p> <p>15</p> <p>8</p> <p>18</p>	

CHAPTER - 4

	Chemical Engg./Master of Chemical Engg.	25	
	Ceramic Technology	10	
	<b>M.TECH (EVENING)</b> Electrical Power System (E.E.E)/High Voltage Engg.	18	
	<b>Total</b>	<b>267</b>	
<b>11) National Power Training Institute, Durgapur-713209</b>	<b>PG-DIPLOMA</b> Operation & Maintenance of Thermal Power Station	50	
	<b>Total</b>	<b>50</b>	
<b>12) Indian Statistical Institute, 203, Barrackpore Trunk Road Calcutta-700035</b>	<b>M.TECH</b> Computer Engineering Quality, Reliability and Operation Research	25 20	
	<b>Total</b>	<b>45</b>	
<b>13) National Institute of Technical Teachers Training &amp; Research Block - FC, Sector-III, Salt Lake, Kolkata-700016</b>	<b>M.E.</b> Manufacturing Technology <b>M.TECH</b> Manufacturing Technology	18 18	
	<b>Total</b>	<b>36</b>	
<b>14) Institute of Engineering and Managemet, Salt Lake</b>	<b>M.TECH</b> ECE	18	
	<b>Total</b>	<b>18</b>	
<b>15) Netaji Subhas Engineering College, Garia</b>	<b>M.TECH</b> CSE Computer Engineering C & I	18 18 18	
	<b>Total</b>	<b>54</b>	
<b>16) Heritage Institute of Technology</b>	<b>M.TECH</b> AEIE CSE Bio-Technology	18 18 18	
	<b>Total</b>	<b>54</b>	



## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

<b>14) Haldia Institute of Technology</b>	<b>M.TECH</b>		
	Chem. Engg	18	
	CSE	18	
	ECE	18	
	ME	18	
	Bio-Technology	18	
	<b>Total</b>	<b>90</b>	
<b>15) JIS College of Engineering</b>	<b>M.TECH</b>		
	ED & P. System	18	
	IT	18	
	CSE	18	
	<b>Total</b>	<b>54</b>	
<b>16) Techno India</b>	<b>M.TECH</b>		
	ECE (VLSI & Mecreelectronics)	18	
	<b>Total</b>	<b>18</b>	
<b>17) Gupta College of Technological Science</b>	<b>M.TECH</b>		
	Phy. Chem.	10	
	Pharmaceutics	10	
	<b>Total</b>	<b>20</b>	
<b>18) Calcutta Institute of Pharmaceutical Technology &amp; Applied Health Science, Banitabla, Uluberia</b>	<b>M.TECH</b>		
	Pharmaceutics	10	
	Pharmacology	10	
	<b>Total</b>	<b>20</b>	
<b>19) Dr. B. C. Roy College of Engineering</b>	ECE	18	
	ECE	18	
	<b>Total</b>	<b>36</b>	
<b>20) Narula Institute of Technologg</b>	CSE	18	
	<b>Total</b>	<b>18</b>	
<b>21) Bengal College of Engineering, Durgapur</b>	Biotech	18	
	<b>Total</b>	<b>18</b>	
	<b>Grand Total</b>	<b>1293</b>	

## 4.1.3 MASTER OF COMPUTER APPLICATION (MCA) PROGRAMME :

Institutionwise intake for MCA programme is given in the following table :

## LIST OF A.I.C.T.E. APPROVED INSTITUTES AND UNIVERSITY FACULTIES / DEPARTMENTS OFFERING MCA

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>1. Bengal College of Engineering &amp; Technology Sahid Sukumar Banerjee Sarani, Durgapur-713212</b> (Private Institute) (Year of Establishment-2001) Ph: 0343-2533186, Fax : 0343-2536756														
Master of Computer Application											60		60	60
<b>Institution Total (Year wise)</b>											<b>60</b>		<b>60</b>	<b>60</b>
<b>2. Management Institute of Durgapur, Rajbandh, G.T. Road, Near IOC, Durgapur-713213</b>														
Master of Computer Application											60	-15	60	60
<b>Institution Total (Year wise)</b>											<b>60</b>	<b>-15</b>	<b>60</b>	<b>60</b>
<b>3. Bengal Engineering and Science University, P.O. Botanic Garden, Howrah-711103</b> Ph : (033) 2668-4561/62/63 Fax : (033) 2668-2961/4564 (Year of Establishment-1856) (D.U. since 1992)														
Master of Computer Application	30											30	30	60
<b>Institution Total (Year wise)</b>	<b>30</b>											<b>30</b>	<b>30</b>	<b>60</b>
<b>4. Calcutta University, University College of Science &amp; Technology (A State aided University)</b>														
Master of Computer Application							40						40	40
<b>Institution Total (Year wise)</b>							<b>40</b>						<b>40</b>	<b>40</b>
<b>5. Jadavpur University, Faculty of Engineering &amp; Technology, Jadavpur, Kolkata-700032.</b> (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508 / 2413-7121 (Year of Establishment-1955)														
Master of Computer Application	40												40	40
<b>Institution Total (Year wise)</b>	<b>40</b>												<b>40</b>	<b>40</b>
<b>6. University of North Bengal,</b> <b>Darjeeling - 734 430.</b>														
Master of Computer Application	30												30	30
<b>Institution Total (Year wise)</b>	<b>30</b>												<b>30</b>	<b>30</b>

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>7. Vidyasagar University, P.O.: Vidyasagar University, Midnapore - 721 102.</b>														
Master of Computer Application							40						40	40
<b>Institution Total (Year wise)</b>							40						40	40
<b>8. Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033) 2582-6680/1039, Fax : (033) 2582-1309 (Year of Establishment-1995)</b>														
Master of Computer Application								30	10				40	40
<b>Institution Total (Year wise)</b>								30	10				40	40
<b>9. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia, Dist.: Purba Midnapore, Pin.-721657 (Private Institute) Ph : (03224) 52800, Fax: ( 03224) 52900 (Year of Establishment-1996)</b>														
Master of Computer Application									60				60	60
<b>Institution Total (Year wise)</b>									60				60	60
<b>10. Asansol Engineering College, Sen Raleigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341) 251426/ 252108, Fax : (0341) 2253056/2254248 (Year of Establishment-1998)</b>														
Master of Computer Application								60					60	60
<b>Institution Total (Year wise)</b>								60					60	60
<b>11. Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O Panchpota, Dist.24 Parganas (S), Ph: (033) 2436/3333/1285, Fax : (033) 2436-1286, (Private Institute) (Year of Establishment-1998)</b>														
Master of Computer Application								60	-15	15			45	60
<b>Institution Total (Year wise)</b>								60	-15	15			45	60
<b>12. Univeristy Science Instrumentation Centre Kalyani University, Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph: (033) 2582-6680 / 1039 Fax : (033) 2582-6680 (Year of Establishment-1999)</b>														
Master of Computer Application							30						30	30
<b>Institution Total (Year wise)</b>							30						30	30
<b>13. B.P. Poddar Institute of Management &amp; Technology, 137, V.I.P. Road (Mondal Ghanti), Kolkata-700052, (Private Institute) Ph : (033) 25739607/9608/9609/9610, Fax : 033-2573-9401 (Year of Extablshment-1999)</b>														
Master of Computer Application	30									40			40	40
<b>Institution Total (Year wise)</b>	30									40			40	40

**CHAPTER - 4**

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>14.RCC Institute of Information Technology, Canal South Road, Belegkata, Kolkata- 700015</b> (A Govt. aided Institute ) Ph: (033) 2216-1463/1400, Fax : (033) 2323-8003 (Year of Establishment - 1999)														
Master of Computer Application							60		-15		15		60	60
<b>Institution Total (Year wise)</b>							<b>60</b>		<b>-15</b>		<b>15</b>		<b>60</b>	<b>60</b>
<b>15.Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin : 734225, Siliguri, Darjeeling, (A Private Institute), Ph: (0353) 2574074, 2574075 , Fax : 0353-25740756 (Year of Establishment-1999)</b>														
Master of Computer Application								30	30				60	60
<b>Institution Total (Year wise)</b>								<b>30</b>	<b>30</b>				<b>60</b>	<b>60</b>
<b>16.Bengal Institute of Technology, Tech. Town, P.O.Bamonghata, On Basanti Highway, Kolkata Pin - 700 039. (Private Institute), Ph.: 033-2345-8001/02/03, Fax: 033-2345-8005 (Year of Establishment-2000)</b>														
Master of Computer Application								60					60	60
<b>Institution Total (Year wise)</b>								<b>60</b>					<b>60</b>	<b>60</b>
<b>17. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 2582-2154/ 2582-2137, 2138, (Year of Establishment-2000)</b>														
Master of Computer Application							40	20				-5	60	60
<b>Institution Total (Year wise)</b>							<b>40</b>	<b>20</b>				<b>-5</b>	<b>60</b>	<b>60</b>
<b>18. University Institute of Technology, Burdwan University, P.O. Rajbati, Dist.Burdwan, Pin-713104 (A Govt. aided Institute), Ph.(0342) 2557-800/2561-016, Fax.-0342-2564452 (Year of Establishment-2000)</b>														
Master of Computer Application							20					10	30	30
<b>Institution Total (Year wise)</b>							<b>20</b>					<b>10</b>	<b>30</b>	<b>30</b>
<b>19.Dr. B. C. Roy Engineering College, Durgapur, Jemua Road, Fujihore, Durgapur-713206 (Private Institute)</b>														
Master of Computer Application												60	60	60
<b>Institution Total (Year wise)</b>												<b>60</b>	<b>60</b>	<b>60</b>
<b>20. Pailan College of Management &amp; Tech., Pailan Park Housing Project, Phase-1, Amgachia Road, Off Diamond Harbour Road, P.O. Pailan, W. B. (Private Institute)</b>														
Master of Computer Application									60					60
<b>Institution Total (Year wise)</b>									<b>60</b>					<b>60</b>

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

MCA	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	Total
<b>21. Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata-700056 (Private Institute)</b> (Year of Establishment-2001) Ph : 033-2563-7777/8880, 2583-7029														
Master of Computer Application										60		-30	60	60
<b>Institution Total (Year wise)</b>										<b>60</b>		<b>-30</b>	<b>60</b>	<b>60</b>
<b>22. Techno India, Plot No. EM-4/1, Salt Lake Electronic Complex, Sector - V, Kolkata - 700091</b> (Private Institute) (Year of Establishment-2001) Ph: 033-2357-5683/84/85, Fax: 033-2357-5686														
Master of Computer Application									60				60	60
<b>Institution Total (Year wise)</b>									<b>60</b>				<b>60</b>	<b>60</b>
<b>23. Academy of Technology, G. T. Road, P.O. AEDCO Nagar, Dist. - Hooghly (Private Institute)</b>														
Master of Computer Application											60			60
<b>Institution Total (Year wise)</b>											<b>60</b>			<b>60</b>
<b>24. Heritage Institute of Technology, Kolkata (Private Institute)</b>														
Master of Computer Application										60				60
<b>Institution Total (Year wise)</b>										<b>60</b>				<b>60</b>
<b>25. Siksha Bhavana, Institute of Science, Visva Bharati (Private Institute)</b>														
Master of Computer Application									15				15	15
<b>Institution Total (Year wise)</b>									<b>15</b>				<b>15</b>	<b>15</b>
<b>26. Techno India, Hooghly, Dharampur</b>														
Master of Computer Application													60	60
<b>Institution Total (Year wise)</b>													<b>60</b>	<b>60</b>
<b>27. Techno India College of Technology, Mega City, New Town, Kolkata</b>														
Master of Computer Application													60	60
<b>Institution Total (Year wise)</b>													<b>60</b>	<b>60</b>
<b>28. Calcutta Intitute of Technology, Uluberia, Howrah</b>														
Master of Computer Application													60	60
<b>Institution Total (Year wise)</b>													<b>60</b>	<b>60</b>
<b>Grand Total</b>														<b>1390</b>

### PROPOSED DEVELOPMENT IN ENGINEERING & TECHNOLOGY EDUCATION

1. The State Govt. in the Higher Education Department will issue No Objection Certificates for establishment of a new private engineering & technology colleges selectively for the courses in emerging areas only.
2. Introduction of postgraduate courses in the College of Leather Technology, Kolkata, the College of Ceramic Technology, Kolkata and also in a few well performing private engineering colleges are under consideration.
3. Further development of infrastructural facilities at all the Govt. Engineering & Technology Colleges of the State.
4. The efforts for the development of infrastructural facility for the aided Engineering Institutes would be further supplemented.
5. Action-oriented drive for filling up the vacant posts of faculties & technical supporting staff would be expedited.
6. Qualitative improvement of higher technical education concentrating on consolidation of the gains rather than going on further expansion.

#### 4.2 MANAGEMENT EDUCATION

Indian Institute of Social Welfare and Business Management is the oldest Management Institute not only in West Bengal but also in whole of India, offering MBA (CU) and a few other specialized Management Programmes. Subsequently, Management Programme (PG) was introduced in Central Govt. funded Institutions, in a few state universities and also in a good number of private self financing institutes.

Presently, full time (2 yr. post graduate Management Programme) MBA/PGDBM is imparted in Central Govt. funded institutions like, IIM, Kolkata; IIT , Kharagpur; NIT, Durgapur and Visva Bharati, Santiniketan.

Full time MBA Programme is also imparted within the purview of the Department of Higher Education, West Bengal in the following category of institutes.

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

Category of Institutions	No. of Institutions
1. University / University Deptt.	6
2. Engineering Colleges with Management Deptt.	13
3. Exclusive Management Institutes	10
<b>Grand Total</b>	<b>29</b>

### 4.2.1 POST GRADUATE INTAKE CAPACITY OF DIFFERNT MANAGEMENT COURSES DIFFERENT STATE APPROVED INSTITUTES RECOGNISED BY THE HIGHER EDUCATION DEPARTMENT, GOVT. OF WEST BENGAL FOR THE ACADEMIC SESSION OF 2006-2007.

Sl. No.	Name and Address of the Institutes	Courses Offered	Year of Introduction of the course	Intake Capacity of 2006-2007	Duration	Remarks (University affiliation)
1.	Indian Institute of Social Welfare & Business Management, College Square (West), Kolkata –700073 Establishment : 1953. Ph. : 2241- 8694 / 8695 Fax : 2241-3975 Email : iiswbm@iiswbm.edn Website: www.iiswbm.edn	<b>DTM</b> Diploma in Tourism Management (In association with Inst. of Tourism & Travel Mgt., Gwalior Under the Ministry of Tourism & Culture, Govt. of India)  <b>MBA</b> MBA (Evening) (PT)  <b>MHRM</b>	1953	30	1 yr	Calcutta University for all courses
				60	3 yrs.	
				90	2 yrs.	
				30	2 yrs.	

**CHAPTER - 4**

		<p><b>PGDBM</b> Post Graduate Diploma Programme in Business Management (Evening) PT</p> <p><b>PGDHRM</b> Post Graduate Diploma Programme in Human Resource Management (PGDHRM - Evening)</p> <p>Environment Management</p> <p>Health Care &amp; Hospital Management</p> <p>Energy Management</p> <p>Transport &amp; Logistics Management</p> <p>SIMP</p>		120	3 yrs.	
				30	3 yrs.	
				30		
				30		
				30		
				20	6 yrs.	
2.	Institute of Business Management & Research, (1976) 6/1, Swinhoe Street, Kolkata-700019 Ph. : 2440-6755/7719 Fax : 2841-0729 E-mail : ibmr@vsnl.com	<p><b>MBA</b> MBA (PT) MBA (FT)</p>	1976		2 yrs.	WBUT
				30	3 yrs.	
				60	2 yrs.	
3.	Institute of Business Management, (National Council of Education, Bengal), Jadavpur University Campus, Kolkata - 700032 ESTT.-1984 Ph. : (STD:033) 2473-5810 E-Mail : ibmnce@cal3.vsnl.net.in	<p><b>MBA</b> MBA (FT) MBA (PT)</p>	1985			J.U.
				60	2 yrs.	
				60	3 yrs.	



## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.	National Institute of Personnel Management. 45, Fazlul Haque Sarani (Formerly Jhowtala Road), 1st Floor, Kolkata - 700 019. Estt. – 1980 Ph. : 2247-5650/2280-1759 Fax: 2240-8176 E-Mail: nim@cal2.vsnl.net.in	<b>PGDPM</b>  Postgraduate Diploma in Personnel Management (Distance mode)	1978	100	3 yrs.	J. U.
5.	Institute of Engineering and Management, Salt Lake Electronics Complex, Salt Lake, Kolkata - 700 091. Ph. : (Std:033) 2357-2059	<b>MBA</b>  MBA (FT)	1998	90	2 yrs.	W.B.U.T.
6.	Institute of Management Science, Bharatiya Vidya Bhavan, Block-FA, Sector-III, Salt Lake, Kolkata - 700 091. Ph. : (Std:033) 2335-8754/ 0152, Fax : 2335-1250 E-Mail: bimscal@vsnl.net Website: www.bimscal.org	<b>MBA</b>  MBA (FT)	1998	60	2 yrs.	W.B.U.T.
7.	Department of Business Administration, University of Burdwan, Rajbati, Burdwan-713104 Ph. : 0342-62266/624439 Ext. 412 Fax : 91-0342-530452	<b>MBA</b>  MBA (FT)  MBA ( Tourism)  MBA (Human Resource-FT)	1984	30 25 30	2 yrs.	B.U.
8.	Department of Business Management, University of Calcutta, Khudiram Bose Sarani, Alipore Campus, 1, Reformatory Street, Koikata -700 027 Ph. : (Std:033) 2479-1645/2861 E-Mail: cumbrm@cal3.vsnl.net.in	<b>MBA</b>  MBA (FT)	1985-86	30	2 yrs.	C.U.

**CHAPTER -4**

9.	School of Management Sciences, Bengal Engineering & Science University, P.O. Botanical Garden, Howrah – 711103 Ph. : 2668-4561/4562/4563	<b>MBA</b> MBA (FT)	1985-86	60	2 yrs.	B.E.S.U.
10.	Army Institute of Management, Command Hospital Complex, Bldg. No.117, Alipore, Kolkata-700027 Ph. : 2439-8335/37/38	<b>MBA</b> MBA (FT)	1997	120	2 yrs.	W.B.U.T.
11.	Indian Centre for Advancement of Research & Education (Haldia Institute of Technology) P.O. Debhog, City Centre, Midnapur, Pin -721657 Ph. : (03224) 252-900 Fax : 03224-252-800 E-Mail : <a href="mailto:kgp-hit-23@sanchametin.in">kgp-hit-23@sanchametin.in</a>	<b>MBA</b> MBA (FT)	1997	60	2 yrs.	<i>CU</i> <i>ABUT</i>
12.	JIS College of Engineering Block A, Phase-III, Kalyani, Nadia-741235 Ph. : 2580-8640/2582-2165 Fax : 2582-2138	<b>MBA</b> MBA (FT)	2001	60	2 yrs.	W.B.U.T.
13.	Pailan College of Management & Tech., Pailan Park, Housing Project, Phase-I, Amgachia Road, P.O. Pailan, W.B. Estt. – 2002. Ph. : 2497-8006/8007 Fax : 2453-5605	<b>MBA</b> MBA (FT)	2002	60	2 yrs.	W.B.U.T.
14.	Meghnad Saha Institute of Technology & Management Kolkata-700039 Ph. 2443-1031	<b>MBA</b> MBA (FT)	2001	60	2 yrs.	W.B.U.T.

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

15.	Department of Business Administration, Kalyani University, Kalyani, Nadia Estt : 1964 Ph. : 2582-8378/8286 Fax : 2582-8282	<b>MBA</b>  MBA (FT)	2001	60	2 yrs.	K.U.
16.	Department of Business Administration, North Bengal University	<b>MBA</b>  MBA (FT)	2001	40	2 yrs.	N.B.U.
17.	Techno India Plot No.EM-4/1, Salt Lake Electronic Complex, Sector-V, Kolkata-700 091 Ph. : 033-2357-5683/84/85	<b>MBA</b>  MBA (FT)	2001	60	2 yrs.	W.B.U.T.
18.	Heritage Institute of Technology Chowdhaga Road, Anandapur P.O. East Kolkata Township, Kolkata-700 017	<b>MBA</b>  MBA (FT)  MBA (PT)	2001	90  60	2 yrs.  3 yrs.	W.B.U.T.
19.	Bengal College of Engineering and Technology Shahid Sukumar Banerjee Sarani, Durgapur-713213 Ph. : 0343-2533186	<b>MBA</b>  MBA (FT)	2003	60	2 yrs.	W.B.U.T.
20.	Management Institute of Durgapur, Rajbandh, G.T. Road Near IOC, Durgapur-713213	<b>MBA</b>  MBA (FT)  MBA (PT)	2001	60  60	2 yrs.  3 yrs.	W.B.U.T.
21.	Narula Institute of Technology 81, Nilgunj Road, Agarpara, Kolkata-700056 Ph. : 033-2563-7777/8880, 2583-7029	<b>MBA</b>  MBA (FT)	2001	60	2 yrs.	W.B.U.T.

## CHAPTER-4

22.	Bengal Institute of Technology & Management, Sriniketan By Pass, P.O. Doranda, Shantiniketan-731236, Birbhum, West Bengal	<b>MBA</b> MBA (FT) MBA (PT)	2002	60	2 yrs.	W.B.U.T.
23.	Future Institute of Engineering & Management, Kolkata, R.K.Mission Pally, Kolkata-700 150 Ph. : 2434-5640/5615 Fax : 2434-5641	<b>MBA</b> MBA (FT)	2002	60	2 yrs.	W.B.U.T.
24.	Dr. B.C. Roy Engineering College, Durgapur, Jemua Road, Fuljhore, Durgapur-713206 Ph. : (0343) 2502449 Fax : 0343-2545718	<b>MBA</b> MBA (FT)	2000	60	2 yrs.	W.B.U.T.
25.	Siliguri Institute of Technology, Techno Campus, Salbari Hill Cart Road, Pin-734225, Siliguri, Darjeeling (Private Institute) Ph. : (0353) 2574074, 2574075 Fax : 0353-2574076	<b>MBA</b> MBA (FT)	1999	60	2 yrs.	W.B.U.T.
26.	International Institute of Management Sciences (2004) Industrial Growth Centre, Bombay Road, Howrah, W.B.	<b>MBA</b> MBA (FT)	2004	60	2 yrs.	W.B.U.T.
27.	George College of Management Science, Budge Budge Trunk Road, Maheshtala, Mollargate, Kolkata-700 141	<b>MBA</b> MBA (FT)	2004	60	2 yrs.	W.B.U.T.
28.	Eastern Institute of Management 6, Waterloo Street Kolkata-700 069 Ph. : 2210-0911/0912/0913 Fax : 2210-0909 E-mail : eiilm@vsnl.com	<b>MBA</b> MBA (FT)	1995	60	2 yrs.	K.U. (off-campus)

## ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

29.	Netaji Subhas Open University 1, Woodburn Park, Kolkata-700 020 Ph. : 2287-0157 Fax : (033) 2287-1082	<b>MBA</b> MBA (Distance Mode)		60	2 yrs.	
		<b>Grand Total</b>		<b>2525</b>		

### Other Professional Courses :

West Bengal University of Technology (WBUT) has launched several professional courses other than Engg. & Tech. from 2001-2002 academic year. Initially the university gave affiliation for B. Optometry (4 year's course), BBA (3 Year's course), etc. Entry level qualification for these courses is '10+2' level. Gradually, WBUT started affiliating courses like Hospitality Management, Travel and Tourism Management, Insurance and Risk Management, etc.

## CHAPTER – 5

### UNIVERSITIES

- 5.1 *General Information*
- 5.2 *Calcutta University*
- 5.3 *Jadavpur University*
- 5.4 *Rabindra Bharati University*
- 5.5 *Burdwan University*
- 5.6 *Kalyani University*
- 5.7 *North Bengal University*
- 5.8 *Vidyasagar University*
- 5.9 *Netaji Subhas Open University*
- 5.10 *West Bengal University of Technology*
- 5.11 *Bengal Engineering & Science University*
- 5.12 *West Bengal State University (Barasat)*
- 5.13 *Gour Banga University*
- 5.14 *U.G.C. Recommendations for the 10th Plan*



## CHAPTER – 5

### UNIVERSITIES

#### 5.1 GENERAL INFORMATION :

Out of Fifteen State aided universities in West Bengal, twelve universities come under the administrative jurisdiction of the Department of Higher Education. A list of the universities is given below. The Department has in recent years, set up two universities. The Netaji Subhas Open University was established in 1997 for the education of the distant learners. The West Bengal University of Technology was set up in 2000 to improve the quality of instruction and research in Engineering and Technology and Management. B.E. College (DU) has been upgraded to Bengal Engineering & Science University by virtue of Bengal Engineering & Science University Act, 2004.

Two new universities, e.g. West Bengal State University, Barasat and Gour Banga University, Malda have been established in 2008.

The Bidhan Chandra Krishi Viswavidyalaya (BCKV) and Uttarbanga Krishi Viswa Vidyalaya come under the jurisdiction of the Department of Agriculture. A university for the study of animal sciences and fisheries was created out of the BCKV in 1995 by the Department of Animal Resource Development. A new agricultural university, Uttar Banga Krishi Viswavidyalaya was also carved out of the BCKV in 2001. The West Bengal National University for Juridical Sciences under the jurisdiction of the Department of Law started functioning in 2000. Recent addition to the universities in the State is The West Bengal University of Health Sciences which started functioning from 1st January, 2003.

In 2005, Ramkrishna Mission Vivekananda Education and Research Institute, (RKMVERI) the first private self financing “Deemed University” has been established at Belurmath, Howrah.

#### 5.1.1 NAME OF THE STATE AIDED UNIVERSITIES WITH THEIR TERRITORIAL JURISDICTION IN THE STATE OF WEST BENGAL.

##### UNIVERSITIES UNDER THE JURISDICTION OF THE DEPARTMENT OF HIGHER EDUCATION

Name of The University	Date of Establishment	Address	Territorial Jurisdiction
1. University of Calcutta	24 January, 1857	College Street, Senate House, Calcutta-700073; Phone : 2241-0071, 2241-4984 Fax : 2241-3222 Website : www.caluniv.ac.in Email : registrar@cuccernet.in	The whole of the West Bengal excluding the area of jurisdiction of other Universities established by law within West Bengal. The jurisdiction of the Calcutta University extends to the districts of Howrah, North & South



## UNIVERSITIES

			24 Parganas (excluding Bijpur P.S of North 24-Parganas) and the Calcutta district, excluding some colleges (See the list of the colleges in the appendix) and Serampore subdivision of the district of Hooghly.
2. Jadavpur University	24 December, 1955	Jadavpur, Calcutta –700032; Phone : 2414-6666, 6194, 6643 Fax : (91)-033-2414-6414 Website : www.jadavpur.edu Email : registrar@jdvu.ac.in	A radius of two miles from the university office at Jadavpur.
3. University of Burdwan	15 June 1960	Rajbati, Burdwan, Dist. – Burdwan. Pin – 713104 Phone : +91-0342-2533913 Fax : +95-0342-253-0452 Website : www.burd.univ.ac.in Email : vcbu@satyam.net.in rgbu@city.com	Districts of Burdwan, Bankura, Birbhum, Purulia and Hooghly (excluding Serampore subdivision)
4. University of Kalyani	1 November, 1960	Kalyani, District-Nadia, Pin – 741235 Phone : (033) 2582-8690 Fax : (033) 2582-8282 Website : http://klyuniv.ac.in Email : alokbanerjee2002@yahoo.com	Districts of Nadia, Murshidabad and Bijpur Police Station of North 24 Parganas.
5. Rabindra Bharati University	8 May, 1962	56A, B.T. Road, Calcutta –700050 Phone : 2556-2543 Fax : 2556-8079 Website : www.rabindrabharatiuniversity.net Email : reg@cal3.vsnl.net.in.	All Institutions in the State teaching dance, drama, music and visual arts (except the Government College of Art & Craft).
6. University of North Bengal	1 July, 1962	Raja Rammohanpur, P.O. – North Bengal University, Dist. Darjeeling, Pin- 734430.	District of Cooch Behar, Darjeeling, Jalpaiguri, Malda, North Dinajpur and South Dinajpur.

		Phone : (0353)-2582-099 Fax : (0353) 2581212 Website : <a href="http://www.nbu.ac.in">http://www.nbu.ac.in</a> Email : <a href="mailto:regnbu@sanchar.net.in">regnbu@sanchar.net.in</a>	
7. Vidyasagar University	29 September 1981	P.O. – Vidyasagar University, Dist – Midnapur, Pin- 721102. Phone:(953222)262-009,262-297 Fax : (953222)262329,557-1611 Website : <a href="http://www.vidyasagar.ac.in">www.vidyasagar.ac.in</a> Email : HYPERLINK mail to : <a href="mailto:vidya@dte.vsnl.net.in">vidya@dte.vsnl.net.in</a>	East and West Midnapur
8. Netaji Subhas Open University	20 August 1997	1,Woodburn Park, Kolkata-700 020 Ph. : 2287-0157 Fax : (033)-2287-1082 Website : <a href="http://www.wbnsou.com/org">www.wbnsou.com/org</a> . Email : <a href="mailto:nsou@cal2.vsnl.net.in">nsou@cal2.vsnl.net.in</a>	The whole of West Bengal
9. West Bengal University of Technology	7 August 2000	BF-142, Salt Lake, Kolkata –700 064 Ph. : 2321-1327 Fax : 2321-7578 Website : <a href="http://www.wbut.net">www.wbut.net</a> .	The whole of West Bengal
10. Bengal Engineering and Science University	1856 as a Govt. college; Deemed University Status in 1992; University status in 2004	P.O. – Botanic Garden, Shibpur, Howrah – 711 103 West Bengal Ph : 2668-0521 to 0532, 2668-4561/4562/4563/2668-1503 Fax : 2668-4564/2916 Website : <a href="http://www.becs.ac.in">www.becs.ac.in</a> Email : <a href="mailto:vc@becs.ac.in">vc@becs.ac.in</a>	The whole of West Bengal
11. West Bengal State University, Barasat	10th March, 2008	Barasat Govt. College, Annex Building,10, K.W.C. Road, Kolkata-700 124, P.O. & Dist. - Barasat	North 24-Parganas as specified and the scheduled.
12. Gour Banga University, Malda	10th March, 2008	Malda College Campus, P.O. & Dist. Malda, Pin-732101	Uttar Dinajpur, Dakshin Dinajpur and Malda.

## UNIVERSITIES

UNIVERSITIES UNDER THE JURISDICTION OF OTHER DEPARTMENTS OF THE STATE GOVT.			
1. Bidhan Chandra Krishi Viswavidyalaya	1 September, 1974	P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252. Ph : (033) 2585-8163 Fax : (034730)-222275 E-mail : vcbckv@vsnl.net	The whole of West Bengal.
2. University of Animal and Fishery Sciences	2 January, 1995	37 & 68, Khudiram Bose Sarani, Belgachia, Kolkata – 700 037. Ph : 2556-3396, 2556-5021 Fax : 091-033-2557-1986	The whole of West Bengal.
3. W.B.National University of Juridical Sciences	22 April, 2000	NUJS Bhaban, 12 LB Block, Sector-III, Salt Lake, Eastern Bypass, Kolkata -700 091 Ph : 2335-0534/7379 Fax : 033-2335-7422 Website : www.nujs.edu Email : nujs@cal3.vsnl.net.in	The whole of West Bengal
4. Uttar Banga Krishi Viswavidyalaya	1 February, 2001	P.O.-Pundibari, Dist-Cooch Behar Ph : 03582-270141/249 Website : www.uttarbanga.net/ubkv.htm Email : mondal@rediftmail.com	Malda, South Dinajpur, North Dinajpur, Darjeeling, Jalpaiguri, Cooch Behar
5. West Bengal University of Health Science	2 December, 2002	DD-36, Sector -1, Salt Lake, Kolkata-700 064 Ph : 2321-5388 Fax : 23215389 Website : www.wbhus.org/data Email : vc@wbuhs.org	The whole of West Bengal
6. Ramkrishna Mission Vivekananda Education and Research Institute (RKMVERI) (Deemed University under UGC Act)	2005	P.O. Belur Math, Dt. Howrah, Pin-711202 Telefax : 033-26549999 E-mail : rkmveri@gmail.com atmapriyananda@gmail.com	The whole of West Bengal
7. Aliah University	2007	21, Hazi Md. Mahasin Sq., Kolkata-700 016	

**5.1.2 FINANCIAL GRANTS RELEASED TO THE STATE-AIDED UNIVERSITIES, B. E. COLLEGE (D.U.) AND W.B. STATE COUNCIL OF HIGHER EDUCATION FROM HIGHER EDUCATION DEPARTMENT DURING 2007-2008**

(Rs in lakhs)

Sl. No.	Name of the Universities	Salary grants released (NON-PLAN)	Other grants released (NON-PLAN)	Grants released under other heads of account (NON PLAN)	Total grants released (NON-PLAN)	Salary grants released (PLAN HEAD)	Other grants released (PLAN HEAD)	Grant released for Con-struction (PLAN HEAD)	Grants released for Books, Journals (PLAN HEAD)	Total Grants released (STATE PLAN)
(1)	(2)	(3)	(4)	(5)	(6) [(3)+(4)+ (5)]	(7)	(8)	(9)	(10)	(11)
1.	Calcutta	9087.31	2170.00	64.61	<b>11321.92</b>	-	-	38.22	40.00	<b>78.22</b>
2.	Jadavpur	7176.13	141.64	35.52	<b>8453.29</b>	-	-	108.66	119.00	<b>227.66</b>
3.	Kalyani	2251.11	644.00	37.52	<b>2932.63</b>	-	-	194.11	4.00	<b>198.11</b>
4.	Burdwan	3035.07	581.23	42.21	<b>3658.50</b>	-	-	134.49	30.00	<b>164.49</b>
5.	North Bengal	2797.80	559.29	26.13	<b>3383.22</b>	-	-	59.22	39.95	<b>99.17</b>
6.	Rabindra Bharati	1299.00	145.00	4.42	<b>1448.42</b>	-	-	-	33.31	<b>33.31</b>
7.	Vidyasagar	572.54	72.83	2.54	<b>647.91</b>	-	-	8.93	62.19	<b>71.12</b>
8.	B.E. & Sc. University	1343.22	86.85	87.79	<b>1517.86</b>	10.00	120.00	-	-	<b>130.00</b>
9.	Netaji Subhas Open University	-	-	-	-	70.00	75.39	-	-	<b>145.39</b>
10.	W.B.State Council of Higher Education	-	-	-	-	20.80	8.00	-	-	<b>28.80</b>
11.	W.B. University of Technology	-	-	-	-	189.60	199.49	-	-	<b>389.09</b>

## UNIVERSITIES

### 5.1.3 ACADEMIC STRUCTURE

Academic activities of the universities are carried out through various departments under different Faculty Councils. The Deans of these Councils advise on academic matters and co-ordinate the departmental programmes. For the planning and implementation of the academic programmes of the departments, there is a departmental committee in each of them. The Head of the Department is the Chairman of the said committee. The Board of Studies under each Faculty Council plans and reviews the syllabus and assists the examination process.

### 5.2 CALCUTTA UNIVERSITY (1857)

The Calcutta University along with the Bombay University and the Madras University was established in 1857. The university is now being governed by the Calcutta University Act, 1979 which came into force on February 10, 1983.

The Calcutta University affiliates colleges mostly at the under-graduate level and also offers courses directly at the post-graduate level. The number of colleges affiliated by the University is 204. The university has allowed a few of its affiliated colleges including the Presidency College, the Maulana Azad College and the Dinabandhu Andrews College to teach at the post-graduate level.

The Calcutta University has four campuses, namely,

- ASHUTOSH SHIKSHYA PRANGAN at 87/1, College Street,
- RASHBEHARI SHIKSHYA PRANGAN at Rajabazar,
- TARAKNATH SHIKSHYA PRANGAN at 35, Ballygunge Circular Road, and
- SAHID KHUDIRAM SHIKSHYA PRANGAN at Alipore.

It has 58 departments and offers 80 courses to nearly 12,000 post-graduate students.

The university monitors and awards Ph. D. degrees to research scholars. On an average, the Ph.D. degree is awarded to 175 students each year. According to a **NISSAT** report, in terms of output and impact, the university is among the first ten universities of the country in research on science and technology. The **UGC** has awarded **CAS/DSA/DRS/COSIST** programmes to more than fifteen departments of the university on the basis of research performance.

The four major campuses of the university have leased line access to the **VSNL** server. Through optical fibre network different departments and faculty members get access to E-mail and Internet facilities by router system. The central library is automated by using **SOUL** developed by **IFILIBNET**.

The university has created the B.C. Guha Center for Genetic Engineering and Biotechnology and the S.N. Pradhan Institute of Neuroscience with financial assistance from NRIs and eminent individuals.

The State Government and the Government of India have also extended financial assistance to the B.C. Guha Centre.

The National Assessment and Accreditation Council (NAAC) visited the university and awarded a five star status to it in May 2001. The University has also been declared by UGC as the "University with potential for excellence".

### **5.2.1 VARIOUS DEPARTMENTS OF THE UNIVERSITY AS LOCATED IN DIFFERENT CAMPUSES ARE INDICATED BELOW :**

- (a) ASHUTOSH SHIKSHYA PRANGAN, College Street, Ph. 2241-0071 (6 lines)  
Teaching Departments :  
Arabic & Persian, Bengali Language & Literature, Commerce, English, French, Hindi, Library & Information Science, Linguistics, Languages (Foreign), Pali, Urdu, Sanskrit, Journalism & Mass Communication.
- (b) RASHBEHARI SHIKSHYA PRANGAN, 92, A. P. C. Road, (Rajabazar) Ph. 2350-8386/6387  
Teaching Departments :  
Chemistry, Applied Mathematics, Applied Physics, Applied Psychology, Bio-Physics, Molecular Biology & Genetic, Centre for Atmospheric Science, Chemical Engineering, Chemical Technology, Computer Science & Engineering, Electronic Science, Physiology, Radio Physics & Electronics, Polymer Science & Technology, Psychology.
- (c) TARAKNATH SHIKSHYA PRANGAN, 35, Ballygunge Circular Road, Kolkata-19  
Ph. 2475-3680-82/4681  
Teaching Departments :  
Agriculture, Anthropology, Bio-chemistry (Including Bio-Technology & Environmental Science), Botany, Geography, Geology, Marine Science, Pure Mathematics, Statistics, Zoology.
- (d) HAZRA ROAD CAMPUS, 51/1 and 51/2 Hazra Road, Kolkata-19, Ph. 2475-5801  
Teaching Departments : Law.
- (e) SAHID KHUDIRAM SHIKSHYA PRANGAN, 1, Reformatory Street, Alipore, Kolkata-27  
Ph. 2479-1645/2861  
Teaching Departments :  
Education, Philosophy, Political Science, Sociology, History, Islamic History & Culture, Ancient Indian History & Culture, Museology, Business Management, Archaeology.
- (f) B. T. ROAD CAMPUS, 56A B.T. Road, Calcutta-50, Ph. 2557-5082  
Teaching Department :Economics.

## UNIVERSITIES

- (g) COLLEGE OF MEDICINE CAMPUS, 244, A.J.C. Bose Road, Cal-20 Ph. 2248-2041/2084  
Teaching Department : S. N. Pradhan Centre for Neuroscience.
- (h) JUDGES COURT ROAD CAMPUS, Judges Court Road, Alipore, Ph. 2479-5594  
Teaching Department : Department of Home Science.

### 5.2.2 FACULTIES & DEPARTMENTS

A list of FACULTY COUNCILS for Post Graduate Studies of the University together with the University Departments attached thereto are given below :

- (i) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ARTS  
Departments of Ancient Indian History & Culture, Arabic & Persian, Archaeology, Bengali Language and Literature, Economics, English Language and Literature, French, Hindi, History, Islamic History & Culture Language, Linguistics, Museology, Pali, Philosophy, Political Science, Sanskrit, Sociology and Tamil Studies, South and South East Asian Studies, Urdu.
- (ii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN COMMERCE, SOCIAL WELFARE & BUSINESS MANAGEMENT  
Departments of Business Management, Commerce.
- (iii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN LAW  
Department of Law.
- (iv) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN EDUCATION, JOURNALISM AND LIBRARY SCIENCE  
Departments of Education, Journalism & Mass Communication, Library & Information Science.
- (v) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN FINE ARTS, MUSIC AND HOME SCIENCE  
Departments of Home Science.
- (vi) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ENGINEERING AND TECHNOLOGY  
Departments of Applied Physics, Chemical Technology, Chemical Engineering, Computer Science and Engineering, Polymer Science and Technology, Radio Physics & Electronics.
- (vii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN SCIENCE  
Departments of Anthropology, Applied Mathematics, Applied Psychology, Bio-Chemistry, Bio-Physics, Botany, Chemistry, Geography, Geology, Marine Science, Molecular Biology & Genetics, Physics, Physiology, Pure Mathematics, Statistics, Zoology, Electronic Science, Psychology.

(viii) **FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN AGRICULTURE SCIENCE & VETERINARY SCIENCE**

Department of Agricultural Chemistry, Agronomy, Horticulture, Genetics and Plant Breeding, Plant Physiology, Seed Science and Technology.

**5.2.3 COUNCIL FOR UNDERGRADUATE STUDIES**

- (i) Council for Under-Graduate Studies in Arts, Science, Commerce, Home Science, Fine Arts and Music.
- (ii) Council for Under-Graduate Studies in Medicine, Dental Science, Homoeopathy, Veterinary Science, Nursing and Ayurved.
- (iii) Council for Under-Graduate Studies in Engineering and Technology.

**5.2.4** The following departments of the University have been recognised by the UGC as Centres of Advanced Study (CAS) in the Thrust Areas :

Departments of Botany, Chemistry, Radio Physics & Electronics.

**5.2.5** The following departments of the University have been selected as Departments for Special Assistance (DSA) by the U. G. C. :

Departments of Bio-Physics, Physics, Applied Mathematics, Anthropology, Bio-Chemistry, History, Journalism and Mass Communication, Commerce.

**5.2.6** The following departments of the University have been recognised by the UGC as DSA :

Departments of Statistics, Geology, Business Management, English.

**5.2.7** Grants under the COSIST Scheme of the U. G. C. have been sanctioned in favour of the following Departments of the University :

Departments of Bio-Physics, Applied Mathematics.

In addition to the courses of various departments mentioned above, a number of courses are offered by other constituent Colleges/Institutions of this University as given below :



## UNIVERSITIES

5.2.8 Name of the courses taught by the University directly: ( Starting from PG level courses or above and ending with Diploma and / or UG level courses; including Technical courses, if any.

Sl. No.	Department	Subject offered	Course with Intake Capacity	Selection Criteria In order of Merit
<b>A. Faculty Council for P.G. Studies in Engineering and Technology</b>				
1.	Chemical Engineering	Chemical Engineering	B. Tech. - 40 M. Tech. - 25 Ph. D. Post doctoral	"
2.	Chemical Technology	Ceramic Engineering Oil Technology Petrochemicals and Petroleum Refinery Engineering Pharmaceutical Technology Technology	B.Tech. - 40 M. Tech. - 40+20 Ph. D. Post doctoral	"
3.	Computer Science and Engineering	Computer Science and Engineering Computer and Information Sc.	B.Tech. - 40 M. Tech.- 30+5 M. Sc. - 30 Ph. D. Post doctoral	"
4.	Radio Physics & Electronics	Radio Physics & Electronics  VLSI Design-Self financed Information Technology	B. Tech. - 42 M. Tech.- 40 M. Tech.- 15 B. Tech. - 20 Ph. D. Post doctoral	"
5.	Polymer Science and Technology	Polymer Science and Technology	B. Tech. - 30 M.Tech. - 12 Ph. D. Post doctoral	"
6.	Applied Physics	i) Electrical Engineering  ii) Instrumentation Engineering	B.Tech. - 20 M.Tech. - 10+5 B.Tech. - 20	"

		iii) Elec. Engg. (Elec. Power) - Self financed iv) Instrumentation & Control Engg. - Self financed	M.Tech. - 10+5 Ph. D. Post doctoral M.Tech. - 15 M. Tech. - 15	
7.	Applied Optics and Photonics	Optics and Optoelectronics	B. Tech. - 20 M. Tech. - 18 Ph. D. Post doctoral	"
<b>B. Faculty Council for P.G. Studies in Science</b>				
1.	Physiology (Sc.)	Physiology (Sc.)	M. Sc. - 39	"
2.	Anthropology	Anthropology	M. Sc. - 28 Ph. D. Post doctoral	"
3.	Atmospheric Science	Atmospheric Science	M. Tech. - 15 Ph. D. Post doctoral	
4.	Applied Math	Applied Math	M.Sc. - 44 M. Phil - 10 Ph. D Post doctoral	"
5.	Psychology	Psychology	M.Sc. - 42	"
6.	Pure Math.	Pure Math	M. Sc. - 70 (M. Phil) - 10	"
7.	Physics	Pure Physics	M.Sc. - 70	"
8.	Applied Psychology	Applied Psychology	M.Sc. - 36	"
9.	Statistics	Statistics	M.Sc. - 35	"
10.	Chemistry	Pure Chemistry	M.Sc. - 70	"
11.	Botany	Botany	M.Sc. - 50	"

## UNIVERSITIES

12.	Zoology	Zoology	M.Sc. - 71	"
13.	Marine Science	Marine Science	M.Sc. - 28	"
14.	Biochemistry (Sc.)	Biochemistry Bio-Technology Electronic Science Microbiology Environmental Sc.	M.Sc. - 60 M.Sc. - 14 M.Sc. - 25 M.Sc. - 15 M.Sc. - 15	"
15.	Geography	Geography	M.Sc. - 120	"
16.	Geology	Geology	M.Sc. - 28	"
17.	Bio-Physics Molecular Biology and Genetics	Bio-Physics Molecular Biology and Genetics Bio-Informatics Bio-Physics	M.Sc. - 14 M.Sc. - 06 M.Sc. - 06	"
18.	Electronic Science	Electronic Science	M.Sc. - 25	
<b>C. Faculty Council for P.G. Studies in Agriculture</b>				
1.	Agriculture	Plant Physiology (10) Genetics & Plant Breeding (10) Horticulture (10) Agronomy Seed Sc. & Technology Agri. Chem. & Soil Sc.	M.Sc. - 70	" " " " " "
<b>D. Faculty Council for P.G. Studies in Arts</b>				
1.	English Language & Literature	English	M.A - 231 M.Phil-10	"
2.	French	French	M.A - 15	"
3.	Economics	Economics	M.A - 220 M.Phil-15	"
4.	Ancient Indian History and Culture	Ancient Indian History and Culture	M.A - 120	"
5.	Hindi	Hindi	M.A - 99 M.Phil-15	"
6.	History	History	M.A - 158 M.Phil-20	"

**CHAPTER - 5**

7.	Islamic History & Culture	Islamic History & Culture	M.A - 160	"
8.	Museology	Museology	M.A - 40	"
9.	Pali	Pali	M.A – 29 M.Phil-10	"
10.	Arabic & Persian	Arabic & Persian	M.A - 58+58	"
11.	Archaeology	Archaeology	M.A - 24	"
12.	Bengali Language & Literature	Bengali	M.A- 363 M.Phil-20	"
13.	Linguistics	Linguistics	M.A - 84	"
14.	Philosophy	Philosophy	M.A- 221 M.Phil-20	"
15.	Political Science	Political Science	M.A- 220 M.Phil-20	"
16.	Sanskrit	Sanskrit	Pre PG - 28 M.A-150 M.Phil-40	"
17.	Language	Russian - German, Chinese, French, Hindi, Bengali, Arabic, Persian, Pali, Urdu	Certificate - 20 Diploma - 20	"
18.	Sociology	Sociology	M.A - 55	"
19.	Tamil Studies	Tamil Studies	M.A - 11	"
20.	Urdu	Urdu	M.A - 75	"
21.	South & South East Asian Studies	South & South East Asian Studies	M.A- 100 M.Phil-30	"
<b>E. Faculty Council for P.G. Studies in Commerce and Business Management</b>				
1.	Commerce	Commerce	M.Com -D-395 E-395 M. Phil - 15	"
2.	Business Management	Business Management	M.B.M. - 33	"

## UNIVERSITIES

<b>F. Faculty Council for P.G. Studies in Education, Journalism and Library Science</b>				
1.	Journalism	Journalism and	M.A. 50+25	"
2.	Media Studies : Film & Television	Media Studies : Film & Television	Certificate-80	"
2.	Library & Inf. Sc.	Library & Inf. Sc.	B. Lis - 110 M. Lis - 22	"
3.	Human Rights	Human Rights	M.A - 20	"
4.	Education	Education	M.A.-125 B.Ed -130 M.Ed.-30 M.Phil -10	"
<b>G. Faculty Council for P.G. Studies in Law</b>				
1.	Law	Law	L.L.B – 200 L.L.B (Hons) - 50 L.L.M - 36	"
<b>H. Faculty Council of Fine Arts, Music and Home Science</b>				
1.	Home Science	Food & Nutrition Human Development Home Science	B.Sc. (Hons)-45 M.Sc. - 65 B.Sc./M.Sc. - 45 B.A/B.Sc.-120 Diploma -60	"
2.	Vocational Nutrition Vocational Communicative English	Vocational Nutrition Vocational Communicative English	UG-30 UG-30	"
<b>Others :</b>				
1.	S.N.Pradhan Centre for Neuroscience	Neuroscience (Research Work)		

### 5.2.9 TYPES OF COLLEGES / INSTITUTIONS

1. General Degree Colleges ( B.A./ B.Sc. / B. Com. ) – 168
2. B. Ed. Colleges / Departments / Physical Education Colleges – 25
3. Art College – 1
4. Music College – 1
5. Law Colleges – 7
6. Medical / Homeo / Ayurvedic Colleges etc. – 24 (Recently transferred to W. B. University of Health Sciences)
7. Horticulture Institute / Management Institute – 1
8. Special Institute – 1

### 5.2.10 HIGHLIGHTS OF THE ACTIVITIES OF THE UNIVERSITY DURING 2007-2008

The year 2007-08 has witnessed remarkable achievements of our members and the recognition of the same by the national bodies. A Centre for Research in Nanoscience and Nanotechnology has been established at the University of Calcutta. After considering the detailed technical proposals presented by the University at different forums including the MHRD and UGC, the Government of India has provided a big financial support of Rs. 100 crore for the Centre.

The academic departments have taken strong initiative in mobilizing their research potentials in utilizing the financial support from the UGC under the scheme of 'University with Potential for Excellence, (UPE). The Expert Committee of the UGC, broadly recommended the following three areas to be supported under the UPE scheme :

1. Focussed Area : Modern Biology
2. Holistic Development: Science and Technology
3. Holistic Development: Social Science and Governance.

During the year 2007-08, the department of History and the department of Biochemistry have been awarded the status of CAS by the UGC. The department of Bangali Language and Literature has been awarded the status of DRS during the period.

The department of Radio Physics and Electronics of the University has been selected by the UGC for the establishment of Networking Resource Centre in Physical sciences and has approved an amount of Rs. 5 crore for the purpose.

Scholarly works of our faculty members has been acknowledged by various national bodies. In recognition of their research potentials various national funding agencies have provided them with financial support for their research. The department of the Registrar has started digitising the records of the Registration section. During the year records of the Registration Section. During the year records of Registration for the year from 1964 to 1971 have been digitised. The records of meetings of the Senate and the syndicate from 1857 to 1991 have also digitised.

For the first time, examinationwise results of reexamination of answer-scripts of all concerned candidates at the UG-level have been simultaneously.

The task of digitizing Tabulation Rolls was undertaken with financial support of the UGC under the National Common Minimum Programme. Work has been completed up to the year 1951.

During the period 2007-08(till 29.02.08) 26,516 books have been purchased in our libraries. We have subscribed to 412 titles of periodicals, of which 263 are foreign journals. In addition, the university

## UNIVERSITIES

has been providing access to 4000 electronic journals to all users in all campuses under the UGC-INFONET programme. Under the Technology Education quality Improvement Programme (TEQIP), University library has procured.

- full Springer on-line Journal archives of 800 titles and Springer E-Book collections of more than 10,000 E-Books from the copyright year 1999 to 2007; and
- IEL on-line Level-H (full package of IEEE and IEE journals)

During year 2007-08, works relating to digitization of title and content page of all Ph.D. theses and M.D./M.S. dissertations (21000 approx.) have been completed.

Bar-coding of books of the Central Library has been completed during the year. For rare books, the process of digitization has been initiated. The process of computerisation of all departmental and campus libraries has been initiated during the year and Digital libraries have been set up in Ballygunj and Alipore library at the Law Campus. A new version of the University Handbook has been published. The revised Handbook contains most of the important information about the past and present of the University of Calcutta.

During the period under review the work of documentation of Antiquities and Art objects of the Asutosh Museum made significant progress. 1029 items consisting of excavated terracottas from Chandraketugarh were processed.

During the year Asutosh Museum published and distributed an album containing 28 pen and ink sketches of the various historical buildings drawn by the eminent artist, Shri Rathin Mitra. Eight sets of picture post cards of some of the rare collections of the Asutosh Museum have also been published during this year. The number of new Degree Colleges granted affiliation during the period 2007-08 has been seven (07) including one self-financing College. During the period the inspectorate also undertook the task of placement/promotion under Career Advancement Scheme of 304 teachers of affiliated colleges.

The Estates and Trusts department has received a huge amount of donations for creation of Endowment fund during the year. The Estates and Trusts department has also organized the following prestigious Lectures delivered by eminent personalities during the year.

The Academic Staff College has continued its programmes of training the teachers. During the period it has received a grant of Rs. 60 lakh from the UGC and has organized 17 Refresher Courses and 4 orientation programmes. Calcutta University Press has been engaged in printing text books, syllabuses, scholarly journals of academic departments.

## CHAPTER - 5

In order to cope up with the ever-increasing load of offset printing jobs, particularly those of confidential nature arrangement has been made for procuring an offset printing machine. A Sale proceeds from Calcutta University Publications during the year 2007-08 has been around Rs. 1.5 crore.

The departments of Sports organized 15 Inter-Collegiate tournaments and participated in more than 35 Inter-University tournaments/championships.

During the period (up to 08/01/08) nearly 500 students belonging to Science and Technology Departments have been appointed by 24 industrial houses.

The Industry-Institute Partnership Programme Cell initiated some years back has been giving good service to our faculty members. The University has been running 27 self-financing courses in 16 Postgraduate departments. During the year 2007-08, income generated by the University through these courses has been Rs.17, 20,929.00.

### PH.D. REGISTERED DURING THE YEAR 2007-08

567 candidates have been granted Ph.D. Registration during the year.

### PH.D. AWARDED DURING THE YEAR 2007-08

<u>Faculty</u>	<u>Nn of Candidates</u>
Science	135
Arts	64
Agricultural Science	6
Veterinary Science	2
Technology	7
Business Management	7
Commerce	12
Education	4
Journalism	1
Library Science	2
Home Science	1
Law	7
D. Lib	1



## UNIVERSITIES

### 5.3 JADAVPUR UNIVERSITY (1955)

In the year of 1905-06, the attempt of the British rulers to partition Bengal led to a countrywide agitation. The intense nationalist movement found cultural expression in one form of reaction against the prevalent system of education. The National Council of Education, Bengal, was started in 1906 'To impart and promote the imparting of Education – Literary and Scientific, as well as Technical and professional – on national lines and exclusively under national control, not in opposition to, but standing apart, from existing system of Primary, Secondary and Collegiate Education.

The foundation of the National Council of Education, Bengal, was made possible by three generous donors: Raja Subodh Chandra Mallik, Brojendra Kishore Roy Chowdhury of Gouripur and Maharaja Surya Kanta Acharyya Choudhury Bahadur of Mymensingh. The first President of NCE, Bengal was Sir Rash Behari Ghose. Thereafter Rabindranath Tagore, Sri Aurobindo, Dr. Bidhan Chandra Roy, Prafulla Chandra Ray and other eminent leaders were associated with it.

Under the leadership of Sir Rash Behari Ghose, a society named 'Society for Promotion of Technical Education in Bengal' in parallel to NCE, Bengal, was founded with the objective of imparting scientific and technical education for industrial progress. The Bengal Technical Institution (later known as the College of Engineering and Technology, Bengal) was started in the wake of such efforts. In 1910 the Society for Promotion of Technical Education in Bengal was amalgamated with NCE, Bengal.

At the time of Independence the College of Engineering and Technology, Bengal was virtually functioning as a University. Under the statutory recognition of the Govt. of West Bengal, on 24 December 1955 the institution was accorded the status of a University and its name was altered to 'Jadavpur University'.

#### 5.3.1 FACULTIES & DEPARTMENTS

##### *UNDER-GRADUATE COURSES :*

##### **A. Faculty of Science :**

B.Sc. Hons. (Day Course) – 3 years ( 6 Semester )  
Chemistry, Geological Science, Mathematics & Physics.

##### **B. Faculty of Arts :**

B.A. Hons. (Day Course) – 3 years ( 6 semester)  
Bengali, Comparative Literature, Economics, English, History, Library & Information Science, Philosophy, Physical Education. Political Science, Sanskrit.  
B.A. Hons. (Day Course) – 1 Year examination system Library & Information Science.

**C. Faculty of Engineering & Technology :**

B.E. ( Day Course ) – 4 years ( 8 semester )

Chemical Engg., Civil Engg., Computer Sc. & Engg., Construction Engg.,  
Electrical Engg., Electronics & Telecommunication Engg., Information Technology,  
Instrumentation & Electronics Engg., Mechanical Engg., Metallurgical & Material Engg.,  
Pharmaceutical Tech., Power Engg., Printing Engg., Production Engg.

B.Tech. ( Post B.Sc.) (Day Course) – 3 years ( 6 Semester. )

- i. Food Tech. & Bio-Chem Engg.,
- ii. Instrumentation & Electronics Engg.

Architecture Engg. B. E. (Day Course) – 5 years (10 Semester. )

B. E. (Eve. Courses) – 5 Years (10 Semester)

Civil Engg., Electrical Engg. & Mechanical Engg.

**POST-GRADUATE COURSES :**

**A. Faculty of Science :**

M.Sc. (Day Course) – 2 years ( 4 Semester )

Chemistry, Applied Geology, Mathematics, Electronics Science & Physics.

M. Tech. in Bio-Technology – 1½ years ( 3 Semester)

M.Phil. in Environmental Science – 2 years

M.Sc. ( Eve. Course ) – 3 years ( 6 Semester)

Chemistry , Mathematics & Physics.

**B. Faculty of Arts :**

M.A. (Day Course) – 2 years (4 Semester)

Bengali, Comparative Literature, Economics, English, History, International Relation,  
Library & Information Science, Philosophy, Physical Education, & Sanskrit.

M.A. (Eve. Course) .- 3 years ( 6 Semester)

Bengali, Economics, English, History, Philosophy

M.Phil. in Arts – 2 years

Bengali, Comparative Literature, Economics, English, History, International Relation,  
Philosophy, Sanskrit, Sociology & Women Studies.

**C. Faculty of Engineering & Technology :**

M.E. /M.Tech./ M.Pharm. (Day Courses) – 2 years ( 4 Semester)

## UNIVERSITIES

Architecture Engg., Chemical Engg., Civil Engg., Computer Sc. & Engg., Electrical Engg., Electronics & Telecommunication Engg., Food Tech. & Bio-Chemical Engg., Software Engg., Instrumentation & Electronics Engg., Mechanical Engg., Metallurgical & Material Engg., Pharmaceutical Tech., Production Engg., Master of Bio-Medical Engg., Master of Control Engg., Master of Water Resource Engg., M.Tech. in Energy Science, M.Tech. in Material Sc., Master of Multimedia Development.

Master in Computer Application (MCA) – 3 years ( 6 Semester )

M.Tech. in Computer Technology (Eve.) – 3 years ( 6 Semester )

B. Ed (Special Education) course in Locomotor & Neuromuscular Disorders & Mental Retardation and P.G. Diploma in Bioinformatics.

### **D. Following Language courses are also conducted by the University –**

French, German, Italian, Spanish, Bengali, Japanese, Hindi, Sanskrit, Portugese, Russian, Tamil.

### **E. New Courses :**

#### **Faculty Council of Arts –**

2 years Post Graduate Diploma Course in Digital Library Management (Evening)

2 years Post Graduate Diploma Course in Yoga Therapy.

#### **Faculty Council of Science –**

##### **Dept of Instrumentation Science –**

- 1 yr. P.G. Diploma in Instrumental Techniques in Chemical.
- 25 weeks Certificate course on Training of Lab. Asst.

#### **Faculty Council of Engineering & Technology –**

M.E. (Automobile Engineering) - {two years full time} - Dept. of Mechanical Engineering.

Master of Illumination Engineering.- {two years full time}- Dept. of Electrical Engineering.

Master of Power Engineering {two years full time} - Dept. of Power Engineering.

Master of Clinical Pharmacy & Pharmacy Practice - {two years full time} - Dept. of Pharmaceutical Tech.

Master of Nanoscience & Technology - 2 years Day Time

Master of VLSI Design & Micro- Electronics Technology. (Eve. Course) – 3 Years

M.Tech. in Distributed and Mobile Computing (Eve. Course) – 3 Years

**Multi-modal Digital Distance Education –**

- M.Tech IT Courseware Engg. - 2 years
- P.G. Diploma in Multi-Media & Web Technology.

**5.3.2 Name of the courses taught by the University directly : (Starting from PG level courses or above and ending with Diploma and / or UG level courses; including Technical courses, if any.**

Department	Subject offered	Course with Intake Capacity	Selection Criteria In order of Merit
<b>A. Faculty Council for P. G. Studies in Science</b>			
Physiology (Sc.)	Physiology (Sc.)	M.Sc. - 39	"
Anthropology	Anthropology	M.Sc. - 28	"
Applied Math	Applied Math	M.Sc. - 44	"
Psychology	Psychology	M. Sc. - 34	"
Mathematics	Mathematics	B.Sc.-75 M.Sc.(Day) – 60 M.Sc.(Eve) – 60	"
Physics	Physics	B.Sc.-55 M.Sc.(Elec.Sc.)-12 M.Sc.(Day) – 35 M.Sc.(Eve) – 35	"
Applied Psychology	Applied Psychology	M.Sc. - 34	"
Statistics.	Statistics	M.Sc. - 30	"
Chemistry	Pure Chemistry	B.Sc.-50x3 M.Sc.(Day) – 35x2 M.Sc.(Eve) – 35x2	"
Botany	Botany	M.Sc. - 50	"
Zoology	Zoology	M.Sc. - 71	"
Marine Science	Marine Science	M.Sc. - 18	"
Life Science & Bio-Technology	Life Science & Bio-Technology	M.Sc. - 20	"

## UNIVERSITIES

	Biochemistry (Sc.)	Biochemistry	M.Sc. - 62	"
		Bio-Technology	M.Sc. - 06	"
		Electronic Science	M.Sc.- 25	"
		Microbiology	M.Sc.	"
		Environmental Sc.	M.Sc.	"
	Geography	Geography	M.Sc. - 115	"
	Geology	Geology	B.Sc.-35 M.Sc. – 27 Ph.D-21	"
	Bio-Physics Molecular Bio-Physics Genetics	Biology and Molecular Biology and Genetics Bio-Informatics	M.Sc. - 12 (P.G.Diploma 1 yr.)	"
<b>B. Faculty Council for P.G. Studies in Agriculture</b>				
	Agriculture	Plant Physiology	M.Sc. - 65	"
		Genetics & Plant Breeding		"
		Horticulture		"
		Agronomy		"
		Seed Sc. & Technology		"
		Agri. Chem. & Soil Sc.		"
<b>C. Faculty Council for P.G. Studies in Arts</b>				
	English	English	B.A.-160, M.A - 130 M.Phil-15, Ph.D	"
	Comparative Literature	Comparative Literature	B.A.- 50 M.A. - 65 M.Phil - 15, Ph.D	"
	Economics	Economics	B.A.- 58 M.A(Day) - 55 M.Phil-15, Ph.D	"
	History	History	B.A-50 M.A(Day) - 65 M.A.(Eve.)- 50 M.Phil-15, Ph.D	"

	School of Womens Studies	School of Womens Studies	M.Phil -15	"
	Philosophy	Philosophy	B.A- 166 M.A - 122 M.Phil-15, Ph.D	"
	Sanskrit	Sanskrit	B.A-140 M.A(Day) - 140 M.A.(Eve.) - 100 M.Phil-11+5, Ph.D	"
	Sociology	Sociology	M.A (Day)- 30 M.Phil-15, Ph.D	"
	Film Studies	Film Studies	PG I-35, PG II-35	"
	International Relations		B.A-165, M.A-140 M.Phil-15, Ph.D	"
	Urdu	Urdu	M.A - 75	"
<b>D. Faculty Council for P.G. Studies in Commerce and Business Management</b>				
	Commerce	Commerce	M.Com -D-350 E-440	"
	Business Management	Business Management	M.B.M - 33	"
<b>E. Faculty Council for P.G. Studies in Journalism, Library Science and Education</b>				
	Journalism	Journalism Mass Communication and	M.A - 60 1 yr. P.G. Diploma	"
	Library & Inf. Sc.	Library & Inf. Sc.	B. Lib - 55 M. Lib – 15 P.G.D.D.L.M.(Eve.)-20	"
	Education	Education	M.A. -125 B.Ed - 185	"
<b>F. Faculty Council for P.G. Studies in Law</b>				
	Law	Law	L.L.B - 320 L.L.M - 15	"
<b>Others :</b>				
	S. N. Pradhan Neuro Science	Neuro Science (Research Work)		

## UNIVERSITIES

### 5.3.3 INTERDISCIPLINARY SCHOOLS

- School of Study in Environmental Radiation & Archaeological Science
- School of Bioscience & Engineering
- School of Education Technology
- School of Energy Studies
- School of Environmental Studies
- School of Illumination Science, Engg. & Design
- School of Advanced Studies on Industrial Pollution Control Engg.
- School of International Relations and Strategic Studies
- School of Material Science & Technology
- School of Media, Communication & Culture
- School of Oceanographic Studies
- School of Water Resource Engg.
- School of Women's Studies
- School of Laser Sc. & Engg.
- School of Natural Product Studies
- School of Cultural Texts & Records
- School of Linguistic & Language Technology
- School of Automotive Engineering
- School of Mobile Computing and Communication

### 5.3.4 CENTRES FOR STUDIES

- Ambedkar Studies
- Centre for Sri Aurobindo Studies
- Cognitive Science
- Computer Aided Design
- Condensed Matter Physics Research
- Counselling Service & Studies in Self Development
- Distributed Computing
- European Studies
- Human Settlement Planning
- IC Design and Fabrication
- Indology

- Knowledge Based System
- Marxian Studies
- Mathematical Biology & Ecology
- Micro-Processor Application
- Nuclear and Particle Physics Research
- Plasma Studies
- Quality Management System
- Refugee Studies
- Relativity and Cosmology
- Sir C. V. Raman Centre for Physics and Music
- Surface Studies
- Welding Technology
- Thermal Power & Process Management
- Yoga
- V. Ravi Chandran Centre for Pharmaceutical Science (Pharmaceutical)
- Quality Construction
- African Culture
- Language Studies

### 5.3.5 AFFILIATED INSTITUTIONS

- Name of the College / Institution affiliated to the University

Sl.No.	Name of the College / Institution
1.	Smt. J. D. Birla Institute
2.	Jadavpur Vidyapith College of Education
3.	Institute of Business Management
4.	Marine Engineering and Research Institute**

\*\* Only course is affiliated



## UNIVERSITIES

### 5.3.6 DURING THE LAST YEAR TOTAL NUMBER OF PH.D. AWARDED

Sl.No.	Doctor of Philosophy	
1.	Arts	68
2.	Engineering	58
3.	Pharmacy	32
4.	Science	224
	<b>Total</b>	<b>382</b>

### 5.3.7 HIGHLIGHTS OF ACTIVITIES DURING 2007-2008

1. Access to on-line journals is given to all students, researchers & Teachers activated through the JU Network with more than 6500 online Journals. Library Services-Area, Hours & working days has been extended this year. OPAC is Available both on Intranet & Internet for searching of books and learning resources.
2. In a major step towards the digitization of old records, the Examination Department has proposed to digitize the Tabulation sheets. In a step towards the goal, already the entire Tabulation Sheets for the period 1973 to 2004 has been digitized. The rest will be completed by this Financial Year. The digitization includes soft-copy with search facility.
3. A series of Training programmes were organized by the Administrative Staff Training Centre, under assistance of UGC, under Xth Plan development assistance.

The last one-year the different departments and schools and centres of advanced studies and research have conducted a good number of seminars, conferences workshops and training programmes both at the national and local levels. A few of these are as follows :

1. The 8th Sukhaalata Rao Memorial Lecture on 'Bangla Sishu-Sahitye Sishukanya' was organized by The School of Women's Studies, JU on 13 April 2007 at Prof. Anita Banerjee Memorial Hall.
2. A seminar on 'Computer Education in School' was organized by the Dept. of Computer Sc. & Engg.. JU in collaboration with the Dept. of Information Technology, JU on 26 April 2007.

## CHAPTER - 5

3. The 'International Solar Day' was celebrated by School of Energy Studies, J.U. in collaboration with Solar Energy Society of India, Eastern Regional Chapter on May 08, 2007 at the Seminar room of School of Energy Studies, JU.
4. The National Seminar on 'Global Climate Change: Issues & Challenges for India' to commemorate the World Environment Day was organised by West Bengal Pollution Control Board in collaboration with Jadavpur University and Indian Chamber of Commerce on June 05, 2007 at the Eastern Zonal Cultural Centre, Kolkata. Shri Buddhadeb Bhattacharjee, Hon'ble Chief Minister, Govt of West Bengal inaugurated the seminar. Shri Sailen Sarkar, Hon'ble M-I-C, Dept. of Parliamentary Affairs and Environment, Govt. of W.B. presided over the function.
5. A Workshop on 'Folk culture at Assam, Meghalaya, Paschim Banga, Jharkhand and research programme about the tribals' was organised by the Department of Bengali, Jadavpur University on July 25, 2007 at Prof. Anita Banerjee Memorial Hall.
6. Two day workshop on 'Drama-Script Writing' was organized to mark its Golden Jubilee Year by the Department of Bengali, JU on 24th and 27th July 2007 at Prof Anita Banerjee Memorial Hall.
7. A Seminar on 'Bhanjo Dance: A Folk Dance of Medinipur' by Dr. Sukla Bandyopadhyay, Director, Natanam Kolkata, School of Indian Dance was organized by the School of Women's Studies, JU and 'Collection of Writings of Ranjabati Sircar' by Dr. Aishika Chakraborty, Brahamnanda Keshab Chandra College, Kolkata on 16 August 2007 at Prof Anita Banerjee Memorial Hall.
8. Tenth Annual Prabhat Kar Memorial Lecture was organized by the Centre for Marxian Studies, J.U. held on 18 August, 2007 at the Auditorium of the Institute of Chemical Engineers, J.U. Campus, Kolkata. Prof. Barun De, Former Director, Centre for Studies in Social Sciences and Noted Historian delivered the lecture on 'The Contemporary Asian International Scene and India Today'.
9. Two-day workshop on 'Madhyajuger Sahitya Sangrup and Punthipath Sampadana' was organized to mark its Golden Jubilee Year by the Department of Bengali, JU on 24th and 27th August 2007 at Prof Anita Banerjee Memorial Hall.
10. A programme on 'Inauguration of books, exhibition on Kabi Shakti Chattopadhyay and Bengali Software demonstration' was organized by the School of Cultural Texts and Records, JU on 29 August 2007 at Prof. Anita Banerjee Memorial Hall, JU.

## UNIVERSITIES

11. The Annual Sri Aurobindo Memorial Lecture was held on 19 August 2007 at the Indumati Sabhagriha of NCE, Bengal. Prof. Indrani Sanyal, Dept. of Philosophy, JU delivered lecture on 'Sri Aurobindo's Ideals of Education'. Prof. Radha Raman Chakraborty presided over the lecture.
12. The interactive session on WTO-Facing Challenges of Globalisation-Experience of India & Vietnam" was organized by the Jadavpur University jointly with West Bengal State Committee, India Vietnam Festival-2007 on 04 September 2007 at Dr. K P Basu Memorial Hall, JU. The delegates from Vietnam attended the programme.
13. A lecture series was organised by the Centre for Sri Aurobindo Studies, JU on "Matter, Mind and Consciousness" on 06.9.07, 'Yoga – The Integral Way' on 10.9.07 and 'The Cycle of Creation' on 11.9.07.
14. A discussion was organized on Pre-Palasy Bangla by the Department of History, JU during 7-8.09.07 at Prof. Anita Banerjee Memorial Hall, JU.
15. A discussion along with sangeet programme was organized at the Department of Bengali as a part of Golden Jubilee Celebration of the department on 11 September 2007 at Indumati Sabhagriha, NCE, Bengal, Jadavpur.
16. Two Seminars on ' Women Police in Community Policing: A Comparative Study of Kolkata Police and West Bengal Police' and 'Kolkata Nari Samakamita : Akkhyan O Pratakkhyaner Dharabashya' was organized by the School of Women's Studies, JU on 11 September 2007 at Prof. Anita Banerjee Memorial Hall, JU.
17. Eighth Dr. K.P. Basu Memorial Lecture on 'A Tiny Molecular Machine and the Central Dogma of Molecular Biology' was organized by Jadavpur University held on 13 September 2007 at Dr K P Basu Memorial Hall. Prof. Dipankar Chatterji, ASTRA Chair Professor and J C Bose Fellow, IISc., Bangalore delivered this lecture.
18. An International Seminar on 'New Asian Cinema: Trans-Asian Frames' was organised by the Department of Film Studies, JU during 13-15.09.2007 at Prof. Anita Banerjee Memorial Hall, JU.
19. Two-day workshop for the Indian Forest Service Officers were organized on 'Role of Forests in Conservation and Regulation Water – Contribution of Forests in Providing Sustained Supply of Water to the People – Strategies for Strengthening the Effort Further' was organized by Regional Centre, National Afforestation & Eco-Development Board, JU during 19-20 September 2007 at JU.

## CHAPTER - 5

20. A lecture on 'Science and Metascience' was organized by the Centre for Sri Aurobindo Studies, JU on 21 September 2007 at Dr. K P Basu Memorial Hall, JU.
21. A two-day workshop was organized on "Archiving North Indian Classical Music" by the School of Cultural Texts and Records, JU during 24-25 September 2007 at Suvarna Jayanti Hall, JU.
22. A lecture was organised by the Swami Vivekananda Centre for Technical Manpower Development, JU on "Trend of Technical Manpower Development: Past, Present and Future" on 28.09.07 at the Auditorium of IChE, Jadavpur University Campus and on 29.09.07 at Production Engg. Dept., JU.
23. A lecture series was organised by the Centre for Sri Aurobindo Studies, JU on "Theories of Action, Work and Labour in Indian and Western Philosophy" on 01.10.07, 04.10.07, 05.10.07, 08.10.07, 11.10.07 and 12.10.07.
24. A lecture was organized by the School of Women's Studies, JU on 'Masculinities in the African National Congress-led Liberation Movement: The Underground Period' at Prof. Anita Banerjee Memorial Hall, JU on October 03, 2007.
25. A lecture was organized by the School of Women's Studies, JU on 'Melodrama and Marginalised Women: The Case of Chandidas' at Prof. Anita Banerjee Memorial Hall, JU on October 09, 2007.
26. A one-day workshop on 'IPCC-Working Group III's Contribution to the Fourth Assessment Report on Climate Change Mitigation' was organized by Jadavpur University at Hyatt Regency, Kolkata during 11-12 October 2007. Hon'ble Governor of W.B. Shri Gopalkrishna Gandhi inaugurated the workshop. Hon'ble M-I-C, Dept. of Environment, Govt. of W.B. Shri Sailen Sarkar presided over the workshop.
27. A programme for publication of three books viz., "Ekal Jhokhan Suru Holo, Charno Srinkhal: Jibane and Bayane and Saugat Patrikay Bangali Nareer Atmaprakash: 1927-1947" was organized by School of Women's Studies, JU in collaboration with Deys' Publisher on 16 October 2007 at Vivekananda Hall, JU.
28. An one-day workshop on 'Technology Gap Analysis for Howrah Foundary Cluster' was organized by the School of Automotive Engineering, JU in collaboration with TIFAC, New Delhi on 30 October 2007 at Committee Room No. 1, JU.

## UNIVERSITIES

### 5.4 RABINDRA BHARATI UNIVERSITY (1962)

The Rabindra Bharati University was founded on May 8, 1962 under the Rabindra Bharati Act to mark the birth centenary of poet Rabindranath Tagore. Its main objective is "to encourage in conformity with the ideas and thoughts of Rabindranath Tagore, the integration of cultural heritage of the nation consistent with its linguistic and socio-economic history and to enable it to function more efficiently as a university encouraging and providing for instruction, teaching, training and research...". The Maharshi Bhaban and Bichitra located at Jorasanko Complex of the university houses (i) a biographical museum on Tagore and aspects of the Bengal Renaissance; (ii) three Art galleries—the first one exhibiting Tagore's paintings (original), the second the portraits and personal effects of the family and the third the paintings of the Bengal School painters, notably Abanindranath Tagore, Nandalal Bose, Jamini Roy, Ramkinkar Baij etc.

#### 5.4.1 FACULTIES & DEPARTMENT

##### A. FACULTY OF ARTS (B. T. Road Campus or Emerald Bower)

(i) Course – B. A. (Hons.) (3 – year)

**Subject :** 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science.

(ii) Course – M. A. (2 – year)

**Subject :** 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science, 8. Education.

(iii) Course – B.Ed. (1 year)

**Subject :** Education

(iv) Course - B.LISc. (1 year.)

**Subject :** Library & Inf. Sc.

(v) Course - Diploma in Tagore Literature (1 year)

**Subject :** Bengali

(vi) Course – M. Phil. (2 – year)

**Subject :** 1. Bengali, 2. English, 3. Philosophy, 4. Sanskrit.

##### B. FACULTY OF FINE ARTS (Jorasanko Campus)

(i) Course – B. A. (Hons.) (3 – year)

**Subject :** 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(ii) Course – B. A. ( Spl. Hons.) (2 – year)

**Subject :** 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(iii) Course – Senior Diploma (3 year)

**Subject :** 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(iv) Course – Junior Diploma (2 year)

**Subject :** 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(v) Course – M. A. (2 – year)

**Subject :** 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music, 7. Musicology, 8. Mass Communication & Videography

**C. FACULTY OF VISUAL ARTS (Jorasanko Campus)**

(i) Course - Bachelor of Visual Arts (BVA) – (4 - Year)

**Subjects :** 1. Applied Art, 2. Graphics (Print Making), 3. Sculpture, 4. History of Art, 5. Painting

(ii) Course - Master In Visual Arts (MVA) - (2 - Year)

**Subjects :** 1. Applied Arts, 2. Graphics (Print Making), 3. Sculpture, 4. History of Art, 5. Painting

**D. Other Courses :**

i) Ph. D. in all subjects of Arts, Fine Arts & Visual Arts Faculties.

ii) D. Litt.

**5.4.2 Other Sponsored Centres for Study and Research**

1. Centre for Tagore Studies.
2. School of Vedic Studies (Zonal Advance Centre).
3. Centre for Gandhian Studies.
4. Centre for Dr. Radhakrishnan Studies.
5. Centre for Mass Communication and Videography.

Originally these centres were sponsored by the U.G.C. but at present the liability is borne by the State Govt.

## UNIVERSITIES

### 5.4.3 Other Establishments at Jorasanko Campus

- A. The West Bengal State Academy of Dance, Drama, Music and Visual Arts
- B. Biographical Museum on Poet Tagore and Bengal Renaissance.
- C. Art Gallery : (i) Tagore's Paintings, (ii) Family Portraits, (iii) Bengal School of Paintings.

The Centre for Adult, Continuing Education and Extension, Community Services, National Service Scheme, Rabindra Bharati Sanskrit Prachar Prakalpa — 2 centres.

### 5.4.4 No. of Affiliated Institutions

Art College - 1(Indian College of Art and Draughtmanship)

Course - B.V.A. (Hons.)

### 5.4.5 D.Litt./ Ph.D. Programme

- i) Ph.D. Programme : Bengali, English, History, Philosophy, Political Science, Economics, Sanskrit, Painting, Dance, Vocal Music, Drama, Instrumental Music, Rabindra Sangeet, History of Art, and Visual Art.
- ii) M. Phil Programme : (2 Year) - Bengali, English, Philosophy, Sanskrit.

### 5.4.6 ELIGIBILITY FOR ADMISSION TO DIFFERENT COURSES

Sl. No.	Departments	Subject offered	Course with Intake Capacity	Selection Criteria In order of Merit
1.	Bengali	Bengali	M.A.- 280 M.Phil-20 B.A(Hons.) - 105	"
2.	English	English	M.A.- 280 M.Phil-15 B.A(Hons.) - 105	"
3.	Sanskrit	Sanskrit	M.A.- 280 M.Phil-20 B.A(Hons.) - 105	"
4.	Political Science	Political Science	M.A.- 280 M.Phil-15 B.A(Hons.) - 105	"

CHAPTER - 5

5.	History	History	M.A.- 280 M.Phil-15 B.A(Hons.) - 105	"
6.	Philosophy	Philosophy	M.A.- 280 M.Phil-15 B.A(Hons.) - 105	"
7.	Economics	Economics	M.A.- 280 M.Phil-15 B.A(Hons.) - 105	"
8.	Mathematics	Mathematics	M.A.- 55	"
9.	Education	Education	M.A.- 25	"
10.	Rabindra Sangeet	Rabindra Sangeet	M.A.- 150 B.A(Hons.)- 105 B.A(Spl.Hons.)-20	"
11.	Vocal Music	Vocal Music B.A(Spl.Hons.)-20	M.A.- 150 B.A(Hons.)- 105	"
12.	Dance	Dance	M.A.- 80n B.A(Hons.)- 45 B.A(Spl.Hons.)-15	"
13.	Drama	Drama	M.A.- 80 B.A(Hons.)- 45 B.A(Spl.Hons.)-20	"
14.	Ins. Music	Ins. Music	M.A.- 35 B.A(Hons.)- 20 B.A(Spl.Hons.)-05	"
15.	Percussion	Percussion	M.A.- 55 B.A(Hons.)- 30 B.A(Spl.Hons.)-10	"
16.	Musicology	Musicology	M.A.- 70	"
17.	Mass Com. & Videography	Mass Com. & Videography	M.A.-45	"
18.	Painting	Painting	M.V.A-12 B.V.A(Hons.)-12	"
19.	Applied Art	Applied Art	M.V.A-09 B.V.A(Hons.)-09	"
20.	Graphics	Graphics	M.V.A-07 B.V.A(Hons.)-07	"
21.	Sculpture	Sculpture	M.V.A-07 B.V.A(Hons.)-07	"
22.	History of Art	History of Art	M.V.A-05 B.V.A(Hons.)-05	"



## UNIVERSITIES

23.	Museology	Museology	M.V.A-30	"
24.	Education	Education	M.Ed.-60 M.Phil-10	
25.	Human Development	Human Development	M.Phil-15	
26.	Library & Information Science	BLISc.	PG-40	
27.	Tagore Literature	Diploma	PG-40	
28.	Adult Education	Diploma	PG-40	
29.	Social Work	Diploma	PG-40	
30.	Multimedia Acting	Diploma	PG-40	
<b>Total :</b>			<b>2775(PG),1125(UG)&amp; 500 (Other courses)</b>	

### 5.4.7 Highlights of major achievements/activities during 2007-2008

#### Academic & Cultural :

Presently we have 24 Academic Depts. under three Faculties (Faculty of Arts- 11, Faculty of Fine Arts -7 & Faculty of Visual Arts-6). We are going to introduce four post graduate courses in the subject of Sociology, Geography, Hindi and Environmental Studies shortly. No objection for such introduction from Higher Education Dept, Govt. of W.B. has been received recently. Department of Adult Continuing Education & Extension & Field Outreach under Faculty of Arts is playing a vital role. Placement, Counselling and Guidance Centre is functioning at the desired level under Dept. of Adult, Continuing Education and Extension & Field Outreach. The scheme of Higher Education for Person with Special Needs (HEPSN) approved by UGC having the cardinal objective of providing equal educational opportunities to disabled persons is being implemented smoothly. One year B.Ed, in special Education (V.I.) course recognized by the Rehabilitation Council of India (RCI) has also been introduced in this Department.

M.Phil programme in all subjects excepting Mathematics and Library & Information Science under Faculty of Arts have been introduced. Moreover, M.Phil in Human Development Studies (interdisciplinary) under the Faculty of Arts and Drama under Faculty of Fine Arts have also been

introduced. M. Phil in Santhali Language, Literature & Culture will be introduced in the next academic year 2008-09. This is the 1st of its kind in India.

Previously we had five Research Centres. Twenty Nine(29) new research centres for promoting Higher Educational Research have been established under the approval of the Executive Council of this University. Apart from those research centres the School of Languages & Culture for impartment of lesson on different languages is running successfully. Twenty four students of Japan have attended the School of Languages & Culture of our University recently to learn communicative English language and Indian culture (dance & song). It is a matter of pride to mention that the Consulate General of Japan has decided to send one of our ex-learner (Japanese Language) of School of Languages & Culture to Japan for undergoing course. The School of Languages & Culture had organised two seminars on 'Santhali Heritage' and 'Language, Culture & Society'.

Semester system in post graduate and under graduate courses of Drama has been introduced and the examination system has been planned to reform accordingly. For other courses of study the said system will be introduced phase by phase.

Fifty One candidates in different Debts. Under three Faculties have been awarded Ph.D Degree and Thirty Three candidates have been awarded M.Phil Degree in the last academic session.

Decision has been taken to develop the Bengali Music Archieve, Film Archieve and Theatre Archieve to the Jorasanko Campus of the University. Efforts are being exerted to collect resources in this regard.

Interaction is going on with the State Government to take over the Rabindra Museum situated at Mongpu, Darjeeling maintained by Govt. of West Bengal. If the same is materialized, We have an intention to develop an Extension Centre of Rabindra Bharati University at Mongpu, Darjeeling to disseminate Tagore Culture in that region.

The West Bengal State Akademi of Dance, Drama, Music and Visual Arts has completed 50 years. First Phase of the Golden Jubilee Celebration was held at Jalpaiguri where students and teachers of Dance, Instrumental Music and Vocal Music participated. Second Phase of the programme (6 weeks workshop) was held at Royal Chou Academy, Purulia where students & teachers of Dance Dept. participated.

Interaction is going on to introduce some courses at Craft Teachers Training Centre, Karshiang in collaboration with the Technical Education & Training Dept., Govt. of West Bengal,

Eight University Junior/Senior Research Fellows of different departments are engaged in regular and whole time research. Presently with the financial assistance from UGC three Major Research

## UNIVERSITIES

Projects are going on. One Project Associate and Two Project Fellows are engaged in three Projects. Faculty of Performing Arts had organised UGC approved Refresher Course from 16.12.2007 to 06.01.2008 which immensely provided opportunities for teachers in service to exchange experience with their peers and to learn mutually from each other, to keep themselves abreast of the latest advances in various subjects, to further widen their knowledge and to develop their own innovative methods of instruction. 18 Depts/ Centres have successfully conducted seminar/ workshop under the financial assistance from Unassigned Grant scheme of UGC. Training of Trainers (TOT) Residential Workshop under UGC Programme on Capacity Building for Women Managers in Higher Education has been organised successfully. With the financial assistance from UGC under Unassigned Grant scheme four Teachers and two administrative Officers have participated in National Conferences/ Seminar/ Workshops etc. With the financial assistance from UGC under Unassigned Grant scheme two Teachers have participated in International Conferences/ Seminar/ Workshops etc. Six Visiting Professors and one Visiting Fellow have been appointed in different departments with the financial assistance from UGC under unassigned Grant scheme.

One endowment lecture entitled; 'Dr. K.C. Sana Endowment Lecture' in the Dept. of Vocal Music and two memorial awards entitled 'Pandit Dharendra Nath Sanyal Memorial Award' for the topper in M.A (Sanskrit) with special paper Byakaran (Grammar) and 'Dr. Naba Kishore Hazra Memorial Award' for the topper in M.A.(Bengali) have been introduced.

UGC assistance are being provided to Philosophy Dept. under SAP (DRS Phase - I) Programme and the same will be continued for five years (01/04/2004 - 31/03/2009). Two Project Fellows are working under this programme. UGC has approved the proposal of Special Assistance Programme(SAP) DRS Phase - I of Sanskrit Dept. for five years (01.04.2007 to 31.03.2012). Two Project Fellows have been appointed.

Under XI Plan period UGC has approved ten schemes/ projects namely; Unassigned Grant, Day Care Centre in Universities, Sports Facilities in Universities/Colleges, Sports Facilities in Universities/ Colleges, Instrumentation Maintenance Centre, Faculty Improvement Programme, Basic Facilities for Women, Remedial Coaching for SC/ST/ & Minorities, Coaching Class for Entry in service for SC/ ST & Minorities, Coaching for NET for SC/ST & Minorities and Scheme for Persons with Disabilities. Those are now being implemented. It is worthwhile to mention that Equipment for various Depts., under three Faculties have been procured by utilizing the first installment of the UGC General Development Grant under XI plan.

NAAC Accredited the University in the year 2001 and declared 4 star status. For Re-accreditation of the University in the year 2008 the Steering Committee for re-accreditation is now taking measures.

As an outcome of the Memorandum of Understanding signed by Calcutta University, Jadavpur University and Rabindra Bharati University of India with their Italian counterparts in Rome, Naples,

Venice and Turin Universities, we are trying to make it effective particularly in terms of education exchange programme as far as possible within our limited financial capacity. Margherita Serena Saccone, a scholar from the Naples University has been working in the Dept. of Philosophy of our University since 2007. The said MOU will be renewed. A new University will also sign in that MOU.

On 9th May 2007 homage to Rabindra Nath Tagore in the style of 'Kabi Pranam' was held very successfully like previous years at J.S.Campus. Eminent Artists offered their tribute to 'Kabi Guru' by performing Rabindra Sangeets, Dance, Drama and recitations. That programme was directly telecasted by the Doordarshan Kendra.Kolkata. People of all strata from different corners of the country assembled at Jorasanko Campus, the birthplace of 'Kabi Guru' on that day to pay their tributes. Many eminent persons from cultural, literary and political scenario visited the Rabindra Bharati Museum on that day. On 8th August,2007 (22Sa Sraban) Rabindra Smarane was observed at J.S. campus. Kabi Guru was remembered in a befitting manner.

Rakhi Bandhan Festival was observed irrespective of Caste, Creed and Religion for national integration which was the dream of Tagore. 'Basanta Utsav' was observed at E.B.Campus by the University community.

The Faculty of Visual Arts has organized an art exhibition in the name of 'Aban Mela' at the E.B. Campus of the University like previous years. Alumni of Visual Arts and Faculty of Visual Arts are jointly organizing an exhibition shortly. Hozagiri dance troupe, Govt. of Tripura has conducted a workshop in collaboration with our dance department.

Our NSS is playing a very active role in generating awareness on HIV / AIDS issues. Our NSS volunteers organised AIDS Awareness Camp, Blood Donation Camp, sapling plantation programme etc. like previous years.

Many eminent personalities like Prime Minister of Japan, Secretary of Treasury, USA, Ambassador of Poland and Japan, Consul General of Rumania visited our University Musuem. It is worthwhile to mention here that nine Ambassadors from Latin American Countries had visited our Museum on 29.01.2008.

### **Infrastructure :**

The construction work of third campus, Rabindra Bhavan at Salt Lake, Bidhan Nagar is going on in full swing. It is expected that the same will be inaugurated shortly. Construction of Sangeet Bhavan for Fine Arts Faculty had been completed and the said building had been inaugurated by Prof. Sudarshan Roy Chowdhury, Hon'ble Minister In Charge, Dept. of Higher Education, Govt. of West Bengal on 26.06.2007. On that day the foundation stone of Mrinalini Bhavan (Utility Building) had

## **UNIVERSITIES**

been laid down in the E.B. Campus by the Hon'ble MIC, Dept. of Higher Education, Govt. of West Bengal. The construction of 'Mrinalini Bhavan' will be started shortly. Faculty of Fine Arts has been shifted to New Sangeet Bhavan.

Construction of concrete road (approach road to new Sangeet Bhavan) at E.B.Campus is going on in full swing. Constructions of 'Dhananjoy Mancha' with gallery provision and student canteen attached to New Sangeet Bhavan are going on. Vertical extension work of the existing building of Central Library of E.B.Campus with a lift provision had been completed. Renovation with Beautification of E.B Campus is going on. Rabindra Bharati University Computer Centre has been set up and the same is running vibrantly.

### **Directorate of Distance Education (DDE) :**

Directorate of Distance Education with it's Twenty Two (22) study centres located in different parts of our State is at present running vibrantly with the objective of extending Higher Education to all. At present more than forty three thousand students are studying in distance mode in eleven (11) subjects like B.A.(Spl.Hons.) (Rabindra Sangeet), M.A. (Rabindra Sangeet, Vocal Music), M.A.(Bengali, English, History, Political Science, Sanskrit & Education), Master in Social Work (MSW) and M.A (Environmental Studies).

### **5.5 UNIVERSITY OF BURDWAN (1960)**

The University of Burdwan is one of the premier institutes of higher learning in eastern region of India and rendering services to cater the needs of the students. It was established under West Bengal Act XXIX of 1959 on 15th June, 1960 as a teaching and affiliating University with six P.G. Departments & Thirty undergraduate colleges spread over five districts of Burdwan, Hooghly (except Srirampur sub-division), Birbhum, Bankura and Purulia. Continuous efforts are being taken to incorporate the latest developments in different disciplines in the present global scenario.

The academic complex is located at a picturesque and sprawling & beautiful campus called Golapbag (The Garden of Roses) - about a mile distance from the Administrative complex of. Rajbati, Uttar Phatak, Burdwan. This complexes are within 100 kilometres from Kolkata and are well connected by Railways(Burdwan Junction) and Durgapur Express Highway. Metro Complex is at 8, Indra Roy Road, near Bhawanipur, Kolkata.

### 5.5.1 .FACULTIES & DEPARTMENTS

#### *POST GRADUATE COURSES*

A. FACULTY OF ARTS, COMMERCE, LAW, MUSIC & FINE ARTS :

Bengali, English, Hindi, Sanskrit, Philosophy, History, Political Science, Sociology, Economics, Commerce, Mass Communication, MBA, M.B.A (Tourism), M.B.A (Human Resource) Law, Library & Information Science

B. FACULTY OF SCIENCE :

Physics, Chemistry, Mathematics, Zoology, Botany, Geography, Statistics, Environmental Science, Biotechnology, Micro Biology, Geology, Physiology, MCA

### 5.5.2 OTHER COURSES

M. Tech. in Electronics & Communication Engineering (Microwaves)

B. Tech Degree in Information Technology, Computer Science & Engineering, Electronics & Communication Engineering, and Applied Electronics & Instrumentation Engineering at the University Institute of Technology (UIT), an Institute managed by the University.

M. Phil. Degree to is offered in different subjects; viz. English, Bengali, Sanskrit, Philosophy, History, Economics, Political Science, Hindi, Library & Information Science, Commerce, Zoology, Botany, Geography & Mathematics

B.Ed (Science) - Bachelor of Education Degree in Science is imparted by the Institution

BLIS – Bachelor degree in Library and Information Science is imparted by the Institution

LL.B. – Bachelor degree in Law is also imparted by the Institution

### 5.5.3 DISTANCE MODE OF EDUCATION

The University is also a pioneer institute in West Bengal to offer Post-graduate courses through Distance Mode of Education since 1994 and keeping in view of the social needs, advancement of information and communication technologies in the present millennium, it is offering Masters degree in Bengali, English, History, Commerce, Sanskrit, Political Science, Philosophy, Mathematics in one side, professional courses like MA/MSc in Remote Sensing & GIS, MBA (Insurance & Risk Management) ,B.Sc in Bio-informatics/ Environmental Science, BA. in Interior Design/ Fashion & Apparel Design on the other side in collaboration with WILL Academy. M.Sc in Computer Technology in collaboration with CMC Limited at Kolkata is also offered.

Management courses are also running in collaboration with the Institute of Management Technology at Nagpur (Maharashtra).

## UNIVERSITIES

### 5.5.4 OTHER CAMPUS STUDIES :

Diploma & Certificate Courses : Foreign Languages (French, Russian and German), Population Education, Blood Donor Motivation, Mother-Childcare & Family Welfare, Yoga Therapy, Special Education (Mental Retardation), Medical Laboratory Technology. Art & Design 7 Bio-Informatics are also offered.

### 5.5.5 OTHER FACILITIES OFFERED :

**Hostel Facility :** The University has adequate hostel facilities for deserving students & Researcher scholars. There are 5 boys hostel , 5 girls hostel with a capacity of 900 & 600 students respectively and 2 Research scholars hostel (one each for Boys and Girls).

**Medical Facility :** A well-equipped Health Centre offers outdoor medical services to the Students, Research Scholars and members of the University Teaching and Non-teaching communities including their families, Hostel Workers and their families. Besides extending daily usual Medical Treatment in General Medicine the Centre has special units (opened twice in a week in one shift) in Cardiology, Gynaecology, Homoeopathic, Dentist & Ophthalmology. The medicines are also supplied to the patients for their treatment. X-ray, ECG, USG & Pathological investigation facilities are also provided.

**Computer Centre Facility :** University Computer Centre provides networking facility and Internet facilities through advanced V-SAT Technology.

Besides this, University is involved in social outreach through liaison with Krishnasayer Eco Garden, Meghnad Saha Planetarium & Space Science Centre.

### 5.5.6 Name of the Courses taught by the University: (Start from PG level courses or above and end with Diploma and/or UG level courses. Also include Technical courses, if any. These are the courses that are being conducted by the University itself.)

Course	Subject	No. of seats	Availability of form	Mode of selection	Eligibility
M.Tech	Electronics & Communication Engineering (Micro-waves)	15	BE/B.Tech in Electronics/Elec & Telecom Engg/Radiophysics and Electronics with at least 55% marks and preferably GATE qualified	Academic records + Performance in Written test and/or Viva-voce test	June-July
B.E.	ECE & E IT CSE Advanced Electronics & Instrumentation.	60 60 60 60	H.S. or equivalent in Science Stream	Joint Entrance Exam. Conducted by W.B. Joint Entrance Board	

CHAPTER - 5

M.Sc/ M.A	Physics	52+18*	Hons. Graduate under (10+2+3 system) in the relevant subject	Grade mark is calculated on the basis of weightage marks : Hons. 60%; SF & HS-20% each	July/ Aug (After publication of Hons. Results)
	Chemistry	46+15*			
	Botany	55			
	Zoology	50			
	Math	75+35*			
	Statistics	30			
	Geography**	50+17*			
	English	95+100*	Hons. Graduate under (10+2+3 system) in the relevant subject	Grade mark is prepared on the basis of weightage : Hons. 60%; SF & HS-20% each	July/ August After publication of Hons. Results
	Bengali	125+90*			
	Philosophy	77			
	Political Sc	102+40*			
	Sanskrit	100			
	Hindi	60			
	Economics**	87			
	History	90			
	Sociology	50			
M.Sc.	Environ-mental Science	25	Science Graduate having Honours in Environmental .Sc/ Botany/ Zoology/Geography/ Physics/ Chemistry/Geology/ Physiology & B.Sc in Agricultural Science	Weightage : Academic records – 40% Performance in Written test – 60%	July/Aug
	Bio-technology	25	Science Graduates & Engineering Graduates in Bio-technology or Science Graduate having Honours in Chemistry (with any branch of Bio-Science combination subject ) or Any branch of Bio-Science with Chemistry as combination subject or B.Sc. in Agricultural Science.	Weightage : Academic records – 40% Performance of Written test – 60%	July/Aug
	Microbiology	16	Hons. Graduate under (10+2+3 system) in the relevant subject	Grade marks is calculated on the basis of weightage : Hons. 60%; SF & HS-20% each	July/Aug



## UNIVERSITIES

MA	Mass Communication	50 July- June	Graduate/Hons. Graduate 10+2+2 with PG Diploma in Journalism and Mass com/ Public Relations/Advertising recognised by Govt. or University.	Written admission test conducted by the external agency + Personal Interview	May/June
M.Com		105+50*	Hons. Graduate under 10+2+3 system	Grade mark is prepared on the basis of weightage : Hons. 60%; SF & HS-20% each	July/ August
MCA	Computer Science	20	Hons. Graduate with 50% marks in Hons. Subject and having Math as one combination subject or BCA/BE/B.Tech/B.Sc in Computer Science/B.Sc. in IT/B.Sc in e-Commerce with 60% marks	Combined Joint Entrance Examination	March/ April
MBA	Business Administration	30	Graduates under 10+2+3 system or Graduates in Engg / Tech / Pharmacy/ Agriculture with at least 60% marks	MAT + viva-voce + Group Discussion	Feb
MBA (Tourism)	Tourism	25	Graduates under 10+2+3 system	MAT + viva-voce + Group Discussion	Feb/Mar
MBA (HR)	Human Resource	30	Graduates under 10+2+3 system with 50% marks (45% for SC/ST) In service candidates not below the rank of Jr. Executive of a company with at least 45% marks in graduation and duly sponsored by the employer	MAT + viva-voce + Group Discussion	Sep/Oct
M.Phil	Zoology	10	MSc (Zoo) with 55% marks [50% for SC/STs]	Academic records + Performance in Viva-voce test	May-June

## CHAPTER - 5

	English Bengali Philosophy Political Sc Sanskrit Economics History Commerce	15 21 11 25 15 15 17 10	i) 2nd class Masters Degree with 55% marks ii) Teachers of colleges are eligible, however, there is no marks bar.	Academic qualification – 40 marks (10 point of the percentage of total marks starting from MP to MA) + Viva-voce test – 10 marks	May-June
B.Ed (Sc.)	Physical Science	35 (15 for deputed)	B.Sc. (Pass) with atleast 45% marks; Deputed teachers in Science stream	Admission is based on academic records starting from B.Sc.(Pass) to D.Litt/D.Sc degree	Mar/Apr
	Life Science	35 (15 for deputed)			
LL.M.		20	Law Graduates securing atleast 50% marks in aggregate in the Prelim, Inter and Final LL.B. Exam taken together	Written admission test	Apr/May
LL.B.		60	Any. Graduates under 10+2+3 system securing atleast 40% marks in graduate level (35% for SC/ST)	Written admission test	Sep/Oct
PG Diploma	Population Education	20	Graduates in any discipline. Few seats are reserved for sponsored Govt/Non-Govt. institutions	Written admission test	May/June
Diplo- ma/ Certifi- cate/Adv. Diploma Course	Foreign Languages: French German Russian		Any Graduate. For Diploma Graduate with certificate course; For Adv. Diploma Graduate +Certificate course + Diploma course	According to marks basis	Mar

\* Post-graduate courses are taught in several constituent colleges. For details please turn over to succeeding pages.

\*\* M.Sc. degree is offered to those candidates who have B. Sc qualification in graduation level.

\*\*\* Seats are reserved for SC/ST/OBC/Physically handicapped candidates as per Govt. norm

## UNIVERSITIES

### PG Courses in General Degree College / Constituent Colleges \*

Name of the Constituent Colleges	Post-graduate subject (s) taught	No. of intake
Bankura Christian College, Bankura	M. A. in English	40
	M.A. in Bengali	30
	B.P.Ed	2008-2009 session
B. B. College, Asansol	M.Sc. in Physics	18
Burdwan Raj College, Burdwan	M.A. in Bengali	30
Vivekananda Mahavidyalaya, Burdwan	M.Sc. in Chemistry	15
Chandannagar Govt. College, Chandannagar	M.A./M.Sc. in Geography	17
	M.A. in Bengali	30
Durgapur Govt. College, Durgapur	M.Sc. in Geology	20
	M.Sc. in Conservation Biology	–
Hooghly Mohsin College, Chinsurah	M.A. in Political Science	60
	M. A. in English	30
	M.Sc. in Physiology	12
	M.Com	50
	Urdu	
	LL.B.	80
J.K.College , Purulia	M.Sc. in Mathematics	35
MUC Women's College, Burdwan	M.A. in English	30
Durgapur College of Commerce & Sc., Rajbandh	M.Sc. in Bio-Chemistry	20
Suri Vidyasagar College	M.Sc. in Zoology	

\* Constituent colleges means affiliated colleges where Masters degree are taught in different subjects

**5.5.7 THE UNIVERSITY PUBLICATIONS**

The Publication Unit of this University brought out the following publications recently :

1. An Anthology : Poems, Plays & Prose (Hons.Part-I) – Pradip Kr. Dey (ed.)
2. University Anthology of Poems – Himadri Lahiri (ed)
3. English Journal (Vol.15) - Himadri Lahiri (ed)
4. Sanskrit Journal (Voi.4-5) – Partha Pratim Das (ed)
5. Adhunik Bangla Kabitar pratham parjay – Susmita Chakraborty (ed)
6. Abashyik Bangla samkalan (Vol. 10) – Biswabandhu Bhattacharyya (ed)

**5.5.8 ACTIVITIES OF NATIONAL SERVICE SCHEME**

Students of affiliated colleges are involved in social service and efficacy programmes like Blood Donation Camp, Pulse polio Programme, Deworming programme for the Children at the adopted villages, Tree Plantation, Surface water purification, Pre-Schooling Camp, Coaching class for the BPL children for arresting school dropout, Participated in the AIDS WALK FOR LIFE, Seminar on AIDS at community level, Special Camping programme etc.

**5.5.9 Participation in Seminar / Symposium /Workshop by Faculty Members during 2007-2008**

Sl. No.	Deptt.	Name of the Candidate	Designation	Type of activity	Title	Venue	Date
1	Bengali	Prof. Biplab Chakraborty	Professor	International Conference	Indian society for Theatre research	Bangalore	Jan 24-26, 2008
2	English	Dr Angshuman Kar	Lecturer	National	All India English Teachers Conf.	Rohtak	Sept 5-6, 2007
3	Statistics	Dr Rabindranath Das	Lecturer	International Conf.	ICSRRAR-2008	Kolkata	Jan 1-4, 2008
4	"	Dr Rabindranath Das	Lecturer	International Conf.	Statistical Proceedings – recent advances and reconciliations	Kolkata	Jan 1-4, 2007

## UNIVERSITIES

5		Dr Saswati Gangopadhyay	Sr.Lecturer	"	IASA	Kolkata	Jan 22-24, 2008
6	MBA	Mir Abdul Safique	Sr.Lecturer	National	Sustainable tourism model for Nepal with special reference on Eco-gourism	Jammu	Dec 14-15, 2007
7	Economics	Dr Rajarshi Majumdar	Sr.Lecturer	National	9th Annual Labour Economics	Hyderabad	Dec 15-17, 2007
8	Commerce	Dr Partha Sarkar	Lecturer	International	IIRA Asian Regional Congress	New Delhi	April 19-21, 2007
9	"	"	"	National	4th International conference of the Indian Association for the study of Arabian		Jan 22-24, 2008
10	"	Dr Santanu Kr Ghosh	Professor	International	Business and Finance	Hyderabad	Jan 11-12, 2008
11	"	Dr Debdas Rakshit	Sr.Lecturer	National	30th All India Accounting Conference	Jodhpur	15-16 Dec, 2007
12	"	Sri Amir Jafar	Lecturer	International	IIRA Asian Regional Congress	New Delhi	April 19-21, 2007
13	Chemistry	Prof. S.Basu	Professor	National	DAE-BRNS Biennial symposium on emerging trends in separation science and technology	Delhi	March 12-14, 2008
14	"	Dr Pabitra Chattopadhyay	Reader	National	DAE-BRNS Biennial symposium on emerging trends in separation science and technology	Delhi	March 12-14, 2008

## CHAPTER - 5

15	Mathematics	Dr Arijit Ghosal	Lecturer	National	Topical conference on atomic and molecular physics	Gujrat	Jan 3-5, 2008
16	Zoology	Dr Kousik Ghosh	Lecturer	Natioal	8th Asian Fisheries forum	Kochi	Nov 20-23,2007
17	Physics	Prof. L.K. Samanta	Professor	National	Advanced Functional Material	Chennai	Feb 15-16,2007
18	Botany	Dr P.K. Bhattacharyya	Professor	Workshop	Bamboo taxonomy	Kolkata	April 27-28, 2007
19	"	Dr Ambarish Mukherjee	Professor	National	Under utilised and under explicated plants of wetlands	Patna	Oct 27-28, 2007
20	Geo-graphy	Sm. L. Shivaramakrishnan	Reader	International	2nd International Indian Geography Congress	Delhi	Feb 29 - March 2, 2008
21	Sociology	Dr Anirban Banerjee	Professor	International Conference	Asian Youth & Childhoods-2007	Lucknow	Nov 22 -24, 2007
22	Sociology	Sri Biswajit Ghosh	Professor	National Seminar	XXIII All India Sociological conference	Karna-taka	Nov 29-Dec 1, 2007
23	Bio-tech-nology	Dr Pranab Roy	Professor	National	The present industrial scenario of bio-technology in India	Durgapur	Jan 14-20, 2008
24	"	Sri Amal Bandyopadhyay	Lecturer	National	The present industrial scenario of bio-technology in India	Durgapur	Jan 14-20, 2008

## UNIVERSITIES

### Participation in Seminar/Symposium/Workshop in abroad by Faculty Members activities during 2007-08

Sl. No.	Deptt.	Name of the Candidate	Designation	Title	Venue	Date
1	Pol.Sc.	Prof. Harihar Bhattacharyya	Professor	German Academic exchange service fellowship scheme	Heidelberg, Germany	20.4.07-21.5.07
2	Mathematics	Absos Ali Shaikh	Reader	Graduate school of Science and Engineering	Chou Univesity, Japan	May 10-30, 2007
3	Chemistry	Dr Subrata Laskar	Reader	11th International symposium on National product chemistry	Karachi, Pakistan	Jan 3-6, 2008
4	Bengali	Prof. Biplab Chakraborty	Professor	ISFNR Interim Conference	Santarosa, La pampa, Argentina	20.9.07-22.9.07
5	History	Syed Tanveer Nasreen	Sr. Lecturer	Seminar on the 150 years of the Great Revolt of 1857	Rajshashi, Bangladesh	Nov 2-3, 2007
6	History	Prof. Arabinda Samanta	Professor	Conference on European Social Science History		26.2.08 to 1.3.08

### Participation in Seminar/Symposium/Workshop Officers/Staff members of the University during 2007-08

Sl. No.	Name of the Candidate	Deptt.	Type of Activity	Title	Venue	Date
1	Abdul Momin Midda	Librarian (Offg.)	National Seminar	International workshop on Digital, Archiving and retrieving	Kolkata	Oct 29-31, 2007
2	Dr Bimalendu Charaborty	Development Officer	National	Conference of the Institute of Engineers	Tripura	Sept 7-9, 2007
3	Sri Rowdra Ghatak	Scientific Officer	National	IEEE applied electromagnetic conference	Kolkata	March 7-9 2008
4	Dr Gispati Chakraborty	Medical Officer	National	Public Health Association	Delhi	March 7-9,2008
5	Dr Jagatpati Tah	STA (Teacher) Botany	National Symposium	South Asian Conference on water status in Agriculture for increase in crop productivity	Kolkata	Nov 15-17, 2007

## 5.5.10 BINOY KRISHNA CHOWDHURY RURAL TECHNOLOGY CENTRE :

- **At Benoy Krishna Choudhury Rural Technology Centre of University of Burdwan :**

The following Production-cum-Training programmes are conducted under the Centre - Duckery Management; Vermiculture; Mushroom Production and Training; Pisciculture; Sericulture; Soil & Water Testing; Computer Training; Short-term-training on maintenance and repair of Electric and Electronics apparatus; DTP in Bengali; Hybrid Seed Production; Cultivation and Distillation of Aromatic Plants; Non-conventional Energy - application of Solar energy, Artificial Breeding & Animal Husbandry and a course on computer programming. Most of the courses are funded by UGC and State Government.

- **At Meghnad Saha Planetarium & Space Science Research Centre, Burdwan**

It provides immense help to the students and the surrounding willing people to know about the Space Science.

- **Under Adult Continuing Education & Extension, Burdwan**

Course	Duration	Nature	Eligibility	Intake	Collaborating Agency
Diploma in Medical Laboratory Technology	2 years	Self-financing	B. Sc. (Bio Science) with combination subjects of Zoology/ Physiology or Chemistry/ Bio-Chemistry	20	Burdwan Medical College & Hospital
Post Graduate Diploma in Population Education	1 year	-do-	Graduate in any discipline	20	ACE & E
Post Graduate Diploma in Special Education (Mental Retardation)	1 year	-do-	-do-	20	Ananda Niketan, Katwa
Certificate Course in Operation and Maintenance of Analytical Lab. Equip. & Instruments	6 weeks	-do-	B.Sc.	20	USIC-ISE(BU)
Certificate Course on Mother-Child Care & Family Welfare	1 year	-do-	Madhyamik	20	Burdwan Medical College & Hospital and Sahid Sib Sankar Seva Samity



## UNIVERSITIES

Certificate course on Social Service/Blood Donor Motivation		-do-	HS	60-80	ACE & E
Post Graduate Diploma Course in Yoga Education	1 year	-do-	HS	45	ACE&E
Certificate Course in Yoga Education	3 months	-do-	HS	45	ACE&E
Certificate Course in Measurement & Control of Water Pollution, Air Pollution and Soil Pollution	3 months	-do-	HS (Science)	20	Deptt of Environmental Science
Certificate Course in Communicative Hindi	6 months	-do-	HS	30	ACE & E + Deptt of Hindi
Certificate Course in Communicative English	6 months	-do-	HS	30	ACE & E
Diploma and Certificate course in Art & Design	1yr / 6 months	-do-	HS		College of Art & Design

### Preparatory Course In Civil Service Examination

The University is also providing guidance to the masses to prepare for the Civil Service Examination conducted by the State Government and efforts are being taken for rendering coaching for Indian Forest Service.

### Education Extension Programme :-

- The Academic Staff College has been helping college and university teachers in their academic and professional developments.
- The National Service Scheme has undertaken several projects for upliftment of the surrounding areas by on-campus and off-campus projects viz., Aids Awareness programme; Pulse Polio etc.

**Research Activities :** Achievement in this arena are very much praise-worthy. Scholars get financial support from various sponsored agencies like UGC, DRDO,ICMR,MOEF, CSIR,ICSSR & DST(under FIST Programme).

### 5.5.11 Highlights of major achievements/activities during 2007-2008

**Centre for Human Resource Development :** The Centre has been established with a view to offer value added courses to the students of this University including the students of the affiliated undergraduate colleges. As a finishing school, the centre aims at making the students employable

particularly at the private sector industries. After beginning the centre in January, 2007, the Centre has started one BPO Academy runing jointly with the Acclaris – Business Solutions Pvt. Ltd., Kolkata (a 100% subsidiary of Acclaris Inc.,USA).The centre also plans to offer courses for the Corporate Executives.

**Centre for Interdisciplinary Studies :-** A Centre for Interdisciplinary Studies (CIS) has been established under the Faculty of Arts, Commerce, Law etc. for pursuing studies and research in the fields of women, governance, human rights, human development etc. An Interdisciplinary M. Phil. programme of studies on women has already been launched.

A new Diploma course on Human Rights and Governance specially designed for the in-service police personnel and others, has been developed and with a great success.

**Centre for Management Studies :** A Centre for Management Studies has been established under the Faculty of Arts, Commerce, Law etc. for not only pursuing studies and research in the emerging areas of management, but also to bring all the three departments related to management i.e. (i) Business Administration,(ii) MBA (HR) and(iii) MBA (Tourism) under one umbrella.

**Centre for NET/SET Studies :** A Centre for NET/SET studies has been established under financial support from UGC. Special emphasis are given to the students from SC/ST/Minority Communities. Here guidance are provided for (i) Coaching for NET/SET examination (ii) Remedial coaching and (iii) Coaching for in-service.

### **New P.G. Courses introduced in recent years :**

M.Sc. in Microbiology;

M.Sc. in Bio-technology;

P.G. Diploma in Bio-informatics in collaboration with ECIL & ECIT

M.Sc in Computer Technology is introduced in collaboration with CMC Limited at Kolkata.

MBA/MCA courses of studies are conducted at Nagpur (Maharashtra) in collaboration with Institute of Management Technology.

M.A. in Sanskrit and M.A./M.Sc. in Mathematics have been introduced in distance mode.

Professional courses like MA/MSc in Remote Sensing & GIS, MBA (Insurance & Risk Management), B.Sc in Bio-informatics/ Environmental Science, BA. in Interior Design/ Fashion & Apparel Design have been introduced in distance mode in collaboration with WILL Academy.

**B.E. Degree in Applied Electronics & Instrumentation Engineering** has been introduced in the University Institute of Technology (UIT).

## UNIVERSITIES

- The Departments of Bengali and Botany have received the Centre for Advance Studies status from the University Grants Commission (the only Bengali Deptt. in India and the only Botany Deptt. in this state).
- The Departments of Physics and Chemistry have received the IIRD Phase of DSA.
- The Departments of Mathematics, History and Sanskrit have also received the DRS.
- The Departments of Statistics, Zoology, Botany, Geography, Physics and Chemistry have also received financial assistance under FIST programmes.
- The Departments of Mathematics has received grants from NBHM (National Board of Higher Mathematics).

### **New Courses in the Affiliated Colleges in recent past :**

BBA (Bachelor of Business Administration)	B.Sc in Microbiology (Hons)	Education (General)
BCA (Bachelor of Computer Applications)	B.Sc in Bio-technology (Hons)	Nutrition (Hons.)
BPT (Bachelor of Physiotherapy)	B.Sc in Computer Science (Hons)	
B.Sc in Environmental Science (Hons)	B.Sc in Bio-Chemistry (Hons)	Santali (Hons.)

The University has introduced 5-year integrated B.A. LL.B. (Hons.) course in its affiliated Colleges of Legal Studies viz., Law College, Rajbandh, Durgapur; Durgapur Institute of Legal Studies ; Bengal Law College, Santiniketan-Sriniketan By-pass introduced in the Affiliated Colleges.

### **New Courses under Adult Continuing Education & Extension Programme**

PG Diploma Course in Yoga Therapy (Two years)

Certificate Course in Yoga Education (3 months)

Certificate Course in Assessment and Monitoring of Water Pollution, Air Pollution and Soil Pollution

Certificate Course in Operation and Maintenance of Analytical Laboratory Instruments & Equipment

### **Career Oriented Programmes introduced in the affiliated Colleges**

Communicative English/Functional English	Video Editing	Indigenous Handicraft skills
Computer applications	e-commerce	Insurance & Risk Management
Entrepreneurship Development	Secretarial Practice	Refrigeration Maintenance & repairing
Environmental auditing	Gemology	Tourism & Travel Management
Community Development	Rural Development	Journalism
Clinical Pathological testing	Mathematical Modeling	Waste Management & Pollution Control

The Colleges / Private Institutes which were affiliated recently are :

Si.	Name of College & Address	District	Year of Estd.
1	Galsi Rabindra Najrul College of Education, Galsi, Burdwan	Burdwan	2006
2	Bijoy Pal Memorial B.Ed. College, 65-station Road, Burnpur	Burdwan	2006
3	Durgapur Institute of Legal Studies, MSAV- 32, URVASHI, City Centre, Durgapur	Burdwan	2006
4	Indus Mahavidyaalaya, Indus- 722205, Bankura	Bankura	2006
5	Turku-Hansda-Lapsa Hembram Mahavidyalaya, Madian, Managerpara, P.O.-Ganpur,		2006
6	Manbhum Institute of Education & Social Science, Tata Road, P.O.- Dulmi Nadiha,	Purulia	2006
7	Barabazar Bikram Tudu Memorial college, Barabhum, 723127.	Purulia	2006
8	CMC LTD, E & T Centre, 2, Rippon Street, 7th Floor, Kolkata-16	Kolkata	2006
9	Kabikankan Mukundaram Mahavidyalaya, Vill & P.O. Keshabpur, Hooghly	Hooghly	2007
10	Onda Thana Mahavidyalaya, P.O. Murakata, Bankura	Bankura	2007
11	Chhatna Chandidas Mahavidyalaya, Chhatna, Bankura	Bankura	2007
12	Kabi Joydeb Mahavidyalaya, Birbhum	Birbhum	2007

### 5.6 KALYANI UNIVERSITY (1960)

The University of Kalyani was established in 1960 with a campus area of over 400 acres in Kalyani town. It is well connected by road and railway, with a railway station for the University. The University is situated in a locality with rural and backward areas. Yet, its distance from Kolkata is only 60 km. This location advantage of the University makes it particularly suitable for the 'Cafeteria Approach' of higher education. The University ensures on one hand, the development of excellence, and on the other, contribution of higher education through dissemination of knowledge to rural areas in an open and flexible system. The University is also considering the possibility of upgrading some of its affiliated colleges with the Academic Autonomy, and postgraduate teaching. The University is presently offering **twenty-seven** postgraduate programmes under four faculties, namely, Science, Arts & Commerce, Education, Technology & Management. The total number of approved teaching posts at present is

## UNIVERSITIES

193, catering to around 2948 postgraduate students. In its administrative set up, there are approximately 32 officers, and 517 Staff on the pay-roll at the moment, which vindicates a streamlined academic administration as per the usual norms of teacher-student ratio and teacher-staff ratio. The University is providing academic guidance and leadership to **37(thirty seven)** affiliated degree colleges located in the districts of Nadia and Murshidabad.

### 5.6.1 FACULTIES & DEPARTMENTS :

#### **POST-GRADUATE COURSES (2 YEARS)**

##### FACULTY OF ARTS & COMMERCE :

Total no. of Departments - 10

Bengali , Commerce , English , Economics , Folklore,  
History, Library & Information Sc., Political Science, Sociology.

##### FACULTY OF SCIENCE :

Total no. of Department – 9

Bio-Physics & Bio-Chemistry, Botany, Computer Science (DCA) one year,  
Chemistry, Environmental Science, Mathematics, Physics, Statistics, Zoology.

##### FACULTY OF EDUCATION

Total no. of Department - 2

Education Deptt.-B. T. (1 year), M.A./ M. Sc. in Education (two years),  
Physical Education –B.Ed (in Physical Education ) 1 yr., M. P. Ed ( 2 Yr.) .

##### OTHER POST GRADUATE COURSES :

FACULTY OF ENGINEERING & TECHNOLOGY

FACULTY OF LAW

FACULTY OF MUSIC & FINE ARTS

#### **UNDERGRADUATE COURSES**

##### FACULTY OF ARTS

B. A (HONS.) IN ENGLISH, SOCIOLOGY, ECONOMICS, BENGALI

##### FACULTY OF SCIENCE :

B. SC. (HONS.) IN CHEMISTRY, PHYSICS, MATHEMATICS, STATISTICS, BOTANY, ZOOLOGY.

#### **OTHER UNDERGRADUATE COURSES :**

The University conducts B.A. / B.Sc. /B.Com. Pass & Honours courses in it's 36 affiliated degree colleges. Besides this, University conducts certificate course in Chinese & Russian Languages and B.Tech. Courses in: (a) Information Technology, (b) Electronics & Instrumentation. M. Phil. courses in English, Education & Economics are also conducted by the **UNIVERSITY**.

## 5.6.2 Name of the various Courses conducted in the University

Sl. No.	Department	Name of the Subject	Name of the Course	Intake Capacity	Minimum Selection Criteria
1.	Biophysics & Biochemistry	Biophysics & Biochemistry	M.Sc.	20 + 20	H.S. 40% & Hons.60%
2.	Botany	Botany	M.Sc.	45	20% M.P, 30% H.S., 50% Hons.
3.	Chemistry	Chemistry	M.Sc.	50	Hons. Marks.
4.	Environmental Science	Environmental Science	M.Sc. M. Phil	25 20	Admission test by The University P.G. Marks & Interview
5.	Mathematics	Mathematics	M.Sc.	80	70% Hons.
6.	Physics	Physics	M.Sc.	45	Hons. Marks
7.	Statistics	Statistics	M.Sc.	40	Hons. Marks
8.	Zoology	Zoology	M.Sc.	45	Hons. Marks
9.	Microbiology	Microbiology	M.Sc.	20	Admission test by the University
10.	Molecular Biology & Biotechnology	Molecular Biology & Biotechnology	M.Sc.	10	Admission test by the University
11.	Computer Science	Computer Science	MCA	22	Joint Entrance Examination
12.	Geography	Geography	M.Sc.	25	Hons. Marks
13.	English	English	M.A.	100	Hons. Marks
14.	Economics	Economics	M.A.	70	Hons. Marks
15.	Folklore	Folklore	M.A.	100	Hons. Marks
16.	History	History	M.A.	100	Hons. Marks
17.	Political Science	Political Science	M.A.	100	Hons. Marks
18.	Sociology	Sociology	M.A.	60	Hons. Marks

## UNIVERSITIES

19.	Hindi	Hindi	M.A.	40	Hons. Marks
20.	Geography	Geography	M.A.	25	Hons. Marks
21.	Philosophy	Philosophy	M.A.	60	Hons. Marks
22.	Physiology	Physiology	M.Sc.	10	Hons. Marks
23.	Sericulture	Sericulture	M.Sc.	20	Hons. Marks
24.	Bengali	M.Phil	M. Phil	20	P. G. marks & Interview
25.	English	M.Phil	M.Phil	10	P. G. marks & Interview
26.	Economics	M.Phil	M.Phil	10	P. G. marks & Interview
27.	Education	M.Phil	M.Phil	10	P. G. marks & Interview
28.	Commerce	Commerce	M.Com	100	Hons Marks
29.	Library & Information Science	Library & Information Science	1 year P.G. Diploma	30	Hons. Graduate
30.	Modern Language	Chinese Language	1 year Diploma in Chinese Language	30	Graduation
31.	Adult Education	1 year P.G. Diploma	1 yr. P.G. Diploma	20	Graduation
32.	University Science & Instrumentation Centre	i) Information Technology	B.Tech.	20	Joint Entrance
		ii) Electronics & Instrumentation	B.Tech.	20	Joint Entrance
33.	Bengali	Bengali	M.A.	160	Hons. Marks

34.	Physical Education	B.REd.	1 year B.P.Ed. (Physical Education)	80	Graduation
35.	Physical Education	M.P.Ed.	2 year M.P.Ed. in Physical Edn.	25	B.P.Ed.
36.	Education	Education	M.A/M.Sc. in Education	60	Hons. & B.Ed. Marks.
37.	Education	M.Ed.	1 year M.Ed.	20	P.G. Hons. Marks
38.	Education	B.Ed.	1 Year	176	P.G. Hons Marks
39.	Business Administration	Business Administration	MBA	25	Hons. Marks & Written Exam.
40.	Modern Language	Russian Language	1 Year Certificate Course in Russian Language	30	Graduation

### 5.6.3 HIGHLIGHTS OF THE MAJOR ACTIVITIES UNDERTAKEN DURING 2007-2008

Over the years the university has grown into a comprehensive institution with a strong base of administration, infrastructure, and qualified faculty. Towards its mission of advancement of learning and research, the University has set clear strategies. Keeping in view the National and International scenario, the University is actively pursuing continuous updating of teaching curricula, designing courses on emerging areas and identifying research priorities with a focus to the problems and needs of the people and the region. The University has introduced a wide range of curricular options to train the students in different fields of specialization through teaching, research, and extension. The extension and outreach activities, as well as innovative programmes of the Adult and continuing Education Centre, INSPARC, and the International Centre of Ecological Engineering (ICEE) Unit of the University are not able.

- **Distance Education/e-learning.**

On the basis of a proposal submitted by this University towards setting up a Distance Education Centre at this University, the Distance Education Council (DEC) had sanctioned an amount of Rs.10.00 lakh during the X Plan period towards introduction of the following programme :

- ❖ M.A in (a) Bengali (b) English (c) History (d) Public Administration



## UNIVERSITIES

- ❖ 1 Year PG Diploma in Mass Communication and Journalism
- ❖ 1 Year PG Diploma in Environmental Management

During the year **2008-2009** the following courses are going to be launched in the Directorate :

1. M.Phil in Zoology
2. M.Phil in Social Science
3. Certificate Course in Dairy Production Management
4. Certificate Course in Fishery Management
5. Certificate Course in Folklore & Cultural Tourism

After the process of Assessment and Accreditation of the University as a whole by NAAC during 2001, the University has initiated necessary action towards beefing up its curricula in Emerging Areas before the next visit of the Peer Review Team of NAAC which is imminent and scheduled before 31 March 2008. The University through its Internal Quality Assurance Cell (IQAC) has taken up necessary action towards entering into the process of Re-Accreditation. The Re-Accreditation Report (RAR) is being prepared envisaging major achievements of the University in all its academic and administrative departments.

The University has created **Bioinformatics Infrastructure Facility (BIF)** for the promotion of Biology teaching through Bioinformatics(BTBI) **with the fund support from the Department of Biotechnology(DBT), Govt. of India to the tune of Rs. 20.00 lakh.**

Against approval of an amount of Rs. 300.00 lakh(approx) the Dept. of Higher Education , Govt. of West Bengal has already released an amount of Rs.55.00 lakh for Construction of Composite Building for the Departments of Microbiology and Molecular Biology & Biotechnology, Composite Building for the departments of Geography and Physiology.

**Availing fund support from the Ministry of Environment, Govt. of West Bengal to the tune of Rs.5,56,000/- the Centre for Adult Education has implemented the Project on Low Cost Housing including Rain Water Harvesting.** The same has been inaugurated by Shri Sailen Sarkar, Hon'ble Minister-in-Charge of Parliamentary Affairs & Environment on January 10,2008.

The UGC had already identified this University for **Refresher Course Centre (UGC-RCC)** for College and University Teachers from the year **2001 -2002 . For the year 2007-2008 Refresher Courses in the following emerging areas on inter-disciplinary basis have been sanctioned by UGC:**

- a. **Computer Science**
- b. **Environmental Science**

A number of seminars/workshops were organised at different University departments. Notable among themselves were :

- **“Seminar Lecture on Water Reclamation and reuse and its Life Cycle Assessment “** held on January 04, 2008 organized by the Department of Zoology. **Key speaker:** Dr. T.K.Das, School of Engineering, Saint Martin’s University, Lacey, Washington, USA.
- **“Seminar Lecture on Anti-Cancer properties of Cucurmine”** held on December 04, 2007 organized by the Department of Zoology. **Key speaker:** Prof. Adhip Majumder, Wayne State University, Detroit, USA
- **“3rd Seminar of IABIVIS(Indian Association of Biomedical Scientists), on Melanocyte Research- Recent Development”** held on September 13, 2007 organized by the Department of Physiology.**Key speaker:** *Dr. Ranjan Bhadra*, Director, Research & Development Centre, VJRC, Kolkata
- **“Special Session on West Bengal Self Employment “** held during august 03, 2007 and was organized by the Dept. of Sociology . Notable Speaker: Smt. Rekha Goswami, Hon’ble MIC, Department of Self Employment & Self Help Group, Govt. of West Bengal, Shri Sudhansu Seal, Ho’ble Member of Parliament.
- **“Special Session on Women, Society & Legal Rights”** held on November 21, 2007 and organized by Dept. of Sociology. Notable Speaker: Professor Jashodhara Bagchi, Chairperson. West Bengal Commission for Women & Smt. Bharati Mutsuddi, Member, West Bengal Commission for Women.
- **“Macromolecule-Ligand Interaction and Drug Design”** held during January 2-4, 2008 and organized by the Department of Biochemistry & Biophysics. Notable International Seminars/ Conferences held abroad and represented by the departmental teachers:
- **“Biodiversity Extinction Conference- A Pacific Response “**held during July 10-12, 2007 at University of New South Wales. (Environmental Science)
- **“2007 World Conference on Science and Technology Education”** held during July 08-12, 2007 at Perth, Western Australia.
- **“12th International Symposium on Water-Rock Interaction”** held during July 31-August 05, 2007 at Kunming, China. (Chemistry).

## UNIVERSITIES

- “19th Canadian Conference on Computational Geometry(CCCG,2007)” held during August 20- 22, 2007 in Ottawa, Canada. (Computer Science)
- “International Symposium on Nanotechnology in Environmental Protection and Pollution(INSEPP)” held during December 10-12, 2007 in Florida, USA. (Zoology)
- **Research Activities in Various Departments :**

The University Departments in all of its faculties have recorded remarkable performance in research. The University is oriented towards serious effort to develop its potential by strengthening and extending research activities in its preferred areas through collaborations with other Institutions / Bodies in India and abroad. **On-going Foreign Collaborations** in research on selected areas with Countries like **Japan, Sweden, Germany, UK, France** are helping the University for proceeding towards its goal.

The University has targeted to carry out remarkable researches in priority areas with the help of Centralised Support Schemes of premier funding institutions like DST etc. against schemes like FIST( Fund for Improvement of infrastructure in Science & Technology) Programme **for which departments of Biochemistry & Biophysics, Botany, Mathematics and Zoology have been identified by the Department of Science & Technology (DST), Govt. of India** and fund to the tune of Rs.251.00 lakh has been sanctioned. The University has also prioritized to avail Major Research Projects from different peer bodies like UGC, CSIR, ICMR,DBT,ICAR,DST etc. It would be worth mentioning that the under the FIST.

In view of above the University is also active in strengthening its research activities in the emerging and developing areas.

To combat the problem of arsenic contamination in ground water of several districts of West Bengal, the Chemistry department has been continuing extensive researches through Collaborative Project entitled “ **Nanoscale Biogeochemistry of Arsenic and Remediation of High Arsenic Groundwater in Southern Asia**” funded by EPSRC, Wiltshire, UK with a sanctioned amount of 75,000 sterling pound (54.00 lakh) involving University of Manchester, UK has left much impression in this regard.

## 5.7 UNIVERSITY OF NORTH BENGAL (1962)

The University of North Bengal was established by an Act of the Legislature of West Bengal in 1962 and assigned the mandate of providing teaching, training and research in various branches of advanced learning and promoting the dissemination of knowledge to fulfill growing socio-economic and technical manpower needs in the six North Bengal districts and the neighboring state of Sikkim. The University occupies an area of about 330 acres and is situated at a distance of 9 km from Siliguri and 4 km from Bagdogra Airport in the Terai region of Darjeeling District. The University Act was amended by the West Bengal Act of XXV of 1981, which came into force with effect from September 16, 1981. The University started functioning with 16 affiliated colleges and 6 P.G. Deptts. on 1<sup>st</sup> November, 1962 which date is commemorated as its foundation day.

### 5.7.1 Postgraduate and Postgraduate Diploma / Diploma Courses in the Faculties of the University.

#### (i) FACULTY OF ARTS, COMMERCE AND LAW

M.A. in Bengali, English, Nepali, Hindi, Economics, Philosophy, Sociology, Political Science, Geography & Applied Geography,

M.Com., LL.M.,

Adult and Continuing Education, Extension & Field Outreach.

- \* M.B.A.
- \* Post Graduate Diploma in Marketing Management / Tourism & Hotel Management / Environmental Law.
- \* Diploma in Museum Studies.

M.Phil. in Political Science, History, Philosophy, Nepali, Himalayan Studies, Economics, B.Lib. & Information Science (1 yr.)

LL.B. Hons. (5 years).

\*\* means self-financed Courses.

#### (ii) FACULTY OF SCIENCE

M.Sc. in Botany, Chemistry, Computer Science & Application, Mathematics, Physics, Zoology, Anthropology, Bio-technology, Computer Science.

M.C.A.

- \* Post Graduate Diploma in Tea Management/ Disaster Management./Information Technology

## UNIVERSITIES

\* B.B.A./B.C.A.

\* M.Phil. in Remote Sensing & GIS.

\*\* means self-financed courses.

### (iii) FACULTY OF MEDICINE

D.O. and M.D. courses (2 years) in Anatomy, Physiology, Community Medicine, Anaesthesiology, Pathology are conducted in the North Bengal Medical College.

### 5.7.2 CENTRES IN THE UNIVERSITY

(i) Centre for Himalayan Studies, (ii) Centre for Life Science, (iii) Centre for High Energy & Cosmic Ray Physics, (iv) Centre for Development Studies, (v) Centre for Women's Studies, (vi) Centre for Remote Sensing Applications, (vii) University Science Instrumentation Centre, (viii) Computer Centre, (ix) Centre for Studies in Local Languages & Culture, (x) Centre of Distance Education and (xi) Information Technology Centre.

### 5.7.3 UNDERGRADUATE COURSES

B.A./B.Sc./B.Com./B.Ed./B.Phy.Ed./B.B.A./B.C.A./B.Pharm. Course are conducted in the following affiliated colleges.

Types of Colleges	Number
General Degree Colleges	64
B. Ed. Colleges	14
Physical Education College	3
Law Colleges	2
Total	83

## 5.7.4 COLLEGES WITH P.G. COURSES

Name of the College	Subjects
Raiganj College (University College)	Bengali
Balurghat College	Bengali, M.Com.
Malda College	English, History
Darjeeling Govt. College	Botany, Zoology, Nepali, English
Ananda Chandra College	Bengali
Sikkim Govt. Law College	L.L.M.

## 5.7.5 Distance Education

The Directorate of Distance Education, established in 2000 in the University of North Bengal has been conducting Distance Education courses in various subjects at P.G. and U.G. levels including the bridge course. Distance Education courses at P.G. & U.G. level in seven subjects namely Bengali, English, Nepali, Political Science, History, Philosophy & Mathematics. Director Distance Education Council (DEC) have visited the Directorate of Distance Education of North Bengal University and expressed their satisfaction on the Academic achievements of the Centres. As a result Directorate of Distance Education received recognition from DEC. Total emollment during the year 9,000 (approx). The university has institute OFF Campus mode of Education too.

## 5.7.6 Different Departments of the University with the courses at UG/PG/PG Diploma with number of seats available to each of the courses.

Sl. No.	Department	Name of the Subject	Name of the Course	Intake Capacity
1)	Bengali	Bengali	M.A.	83
2)	English	English	M.A	80
3)	Nepali	Nepali	M. A.	60
4)	Economics	Economics	M.A	75
5)	Commerce	Commerce	M.Com.	75
6)	Philosophy	Philosophy	M.A	61

## UNIVERSITIES

7)	History	History	M. A.	83
8)	Political Science	Political Science	M.A	68
9)	Sociology	Sociology	M. A.	35
10)	Hindi	Hindi	M.A	30
11)	Physics	Physics	M.Sc.	40
12)	Chemistry	Chemistry	M.Sc.	45
13)	Mathematics	Mathematics	M.Sc.	50
14)	Botany	Botany	M.Sc.	25
15)	Zoology	Zoology	M.Sc.	25
16)	Geography & Applied Geography	Geography & Applied Geography	M.Sc.	45
17)	Anthropology	Anthropology	M.Sc.	15
18)	Microbiology	Microbiology	M.Sc.	20
19)	Computer Science & Application	Computer Science & Application	MCA M.Sc.	30 15
20)	Bio-Technology	Bio-Technology	M.Sc.	10
21)	Law	Law	L.L.M	20
22)	Law	Law	L.L.B	90
23)	Tea Management	Tea Management	P.G.D.T.M	25
24)	Library Science	Library Science	B.Lib. & Information Sc.	54
25)	Library Science	Library Science	M.Lib. & Information Sc.	25
26)	Adult & Continuing Education	(i) Marketing Management	P.G. Diploma	45

CHAPTER - 5

27)	Centre for Development	P.G. Diploma	Rural Development & Extension & Education	30
			Disaster Management	
			Mass Communication & Video Production	
28)	I.T. Centre	P.G. Diploma	Information Technology	50
29)	I.T. Centre	I.T. Centre	BCA	60
30)	I.T. Centre	I.T. Centre	BBA	50
31)	Centre for Himalayan Studies	Strategic & Area Studies	M.A. in Strategic & Area Studies	20
32)	Mass Communication & Video Production	Centre for Development Studies	Diploma	30
33)	Prof. Nurul Hussan Centre for Management	MBA	MBA	45
34)	Directorate of Distance Education	Bengali, English, Pol. Science, History, Mathematics, Nepali, Philosophy	UG, PG	3500
			B.A, M.A., M.Sc.	
35)	Off Campus Education	PGDIT PGDLCM PGDIT DMT	UG	650
			BSS, BIT	



## UNIVERSITIES

### 5.7.7 Research Projects and Publications in the Departments/Centres during 2007-08

Sl. No.	Department/Centre	Name of Projects	No. of Publications
1.	D.D.E.	1	9 Papers
2.	Cosmic ray	2	Nil
3.	English	Nil	3 Books 28 Papers
4.	Bengali	3	1 Books 3 Papers
5.	Nepali	1	2 Books 2 Papers
6.	History	1	1 Books 10 Papers
7.	Philosophy	2	2 Books 10 Papers
8.	Political Science	3	14 Papers
9.	Economics	3	8 Books 41 Papers
10.	Sociology	5	1 Books 12 Papers
11.	Mathematics	1	9 Papers
12.	Anthropology	4	20 Papers
13.	Physics	5	15 Papers
14.	Chemistry	16	39 Papers
15.	Botany	13	59 Papers
16.	Zoology	6	19 Papers
17.	Geography	7	6 Papers
18.	Computer Science & Application	Nil	6 Papers
19.	Computer Centre	Nil	2 Papers

**CHAPTER - 5**

20.	MBA	6	Nil
21.	Law	Nil	1 Books 5 Papers
22.	Library & Information Science	Nil	1 Papers
23.	Bio-Technology	9	3 Papers
24.	I.P.S.M.	Nil	3 Papers
25.	Hindi	Nil	9 Papers
26.	USIC	Nil	7 Papers

**5.7.8 Scholls and Centres of University with a brief note on the activities of such schools/ centres****Centre of the University****Centres : (Faculty of Arts, Commerce & Law)**

Sl. No.	Centre	Programme	Highlights
1.	Centre for Himalayan Studies	M.A.(Strategic & Area Studies)/ Ph.D	Area Studies Programme (UGC)
2.	Centre for Women's Studies	Seminar/Workshop/Action Research : Teaching course (Proposed)	UGC assisted since IX Plan
3.	Prof. Nurul Hasan Centre for Management Studies	MBA and other P.G. Diploma course in Management	Self-financed coursed
4.	Centre for Studies in Local Languages & Culture	Seminor/Workshop/Action Research	
5.	Centre for Ambedkar Studies	Seminor/Workshop/Action Research	UGC assisted since X Plan

## UNIVERSITIES

6.	Centre for Buddhist Studies	Seminor/Workshop/Action Research	UGC assisted since X Plan
7.	Centre for Development Studies	Seminor/Workshop/Action Research	
8.	Directorate of Distance Education	M.A./M.Sc.	
9.	Nehru Studies Centre	Seminor/Workshop/Action Research	

### Centres : (Faculty of Arts)

Sl. No.	Centre	Programme	Highlights
1.	Centre for High Energy & Cosmic Ray	Research; Short-term certificate course	
2.	Computer Centre	Maintenance of LAN, VOIP and VSAT system; Services for programming	
3.	Centre for Remote Sensing Applications	M.Phil; Short-term training courses	ISSRO assisted (initially) Self-financed courses
4.	University Science & Instrumentation Centre	Repair/Maintenance of equipments and computers	Level II IMP (UGC) assisted
5.	Information Technology Centre	BBA, BCA, PGDIT	Self-financed courses under partnership with Techno India Group, Kolkata
6.	Centre for Development Studies	P.G. Diploma course in Disaster Management Consultancy schemes from Govt. and Non-Govt. agencies	Resource Generation
7.	Centre for Floriculture & Agrobusiness Management	Pilot projects; Manpower training in floriculture and allied disciplines.	Research Partnership with the Deptt. Of Horticulture, Govt. of W.B. and PTEC* of Netherlands.

### 5.7.9 MAJOR HIGHLIGHTS DURING 2007-2008

We have already decided to establish a “Central Major Equipments Facility” under one umbrella encompassing USIC, allied departments and centres so that it will cater to the need of various departments of our University as well as the demand of surrounding institutions and industries.

- This year the University of North Bengal is “in the process of development of incubation centre in collaboration with Department of Science & Technology, Department of Biotechnology, CSIR, Department of Food Processing towards fulfilling our requirement for academic and infrastructural development. We believe the above centres will play a crucial and pivotal role for sustainable and inclusive growth of the University of North Bengal which is situated in the backward and under developed region of West Bengal.
- The University of North Bengal has established Faculty of Technology to provide Interdisciplinary and Transdisciplinary convergence of knowledge in higher education especially in the field of Science and Technology after amendment of NBU Act, 1981.
- The University is considering the opening of following new departments under Faculty of Technology , i.e., Department of Food Technology, Department of Material Science and Processing Technology, Department of Infrastructure Engineering, Department of Bioinformatics and Department of Pharmacy.
- We know Sanskrit is the mother of all languages and we have decided to establish a full fledged PG department in Sanskrit under Faculty of Arts, Commerce & Law considering the role of Sanskrit in society in relation to cultural heritage of India. Beside above we have also decided to establish a P.G. department in Journalism and Mass Communication under the Faculty of Arts, Commerce & Law. The above Department will cater to the present day extensive requirement of trained human resources in the area of Multi-media, Animation, and Graphics Designing etc. We have already submitted XIth Plan Proposal to the UGC for establishment of above new PG Departments under Faculty of Technology and Faculty of Arts, Commerce & Law.
- Director Distance Education Council (DEC) and All India Council for Technical Education (AICTE) have visited the Directorate of Distance Education and Professor Nurul Hassan Centre for Management Studies respectively and expressed their satisfaction on the academic achievements of the Centres. As a result Director of Distance Education and Professor Nurul Hassan Centre for Management Studies have received recognition from DEC and AICTE respectively. The University has Institution -University interface through OFF Campus mode. The subjects under this mode coursed Post-Graduate Diploma and Bachelor Degree course such as Bachelor in Selfware Science, BIT, PG Diploma in Logistics and Chain management.

## UNIVERSITIES

- **Ph.D Awarded :**

The court has proposed to award Ph.d degrees in various subjects to 63 successful candidates in this Annual Convocation held in 11th March 2008.

### Collaboration with foreign universities :

#### Statement of Expendiure against the items items grouped under groun "A" under the scheme of "unassigned grant" during the year 2007-08

1. Travel grant to teachers/scientific and technical officers for participation in international coference/seminars/symposia held abroad including International Collaboration Exchange Programme with CSIR, INSA and other agencies etc. for the year 2007-2008.

Name & Designation	Department	Name of Conference etc. attended with dates/duration/place	Exp. Incurred	Amount paid out of Unassigned Grant	Indicate whether avail the facility after once in 3/4/6 years
Dr. Arun Kanti Jana, Reader	Deptt. of Political Science	Paper entitled "Ethnic parties and Multi Party Demo-cracies of South Asia : Comparing the India and Sri Lankan Case" at Birk Beck College, London, Uk during 19-21 April, 20006	57,210/-	Rs. 28,605/-	once in 3 years
Dr. Bikash Ch. Paul S. Lecturer	Deptt. of Physics	Paper entitled "Chaotic Inflatio-ary Universe on Brane" at Institute of Astrophysics, Paris during June 26-July 13, 2006	1,17,260/-	Rs. 58,630/-	once in 3 years
Dr. Dipanwita Saha S. Lecturer	Deptt. of Technologyu	Paper entitled "Screening of Commercial varieities of Tea for resistance to L. Theo-bromac by indirect ELISA in Lyon, France during 17-21 July, 2006	91,503/-	Rs. 45,751/-	once in 3 years
Dr. Subir Sarkar Professor	Deptt. of Geography & Applied Geography	International Scientific Collaboration Exchange Programme 2006-07 in Poland during 15.9.06 ot 9.10.06	49,766/-	Rs. 24,833/-	once in 3 years
<b>TOTAL</b>			<b>3,15,739/-</b>	<b>Rs. 1,57,869/-</b>	

## 5.8 VIDYASAGAR UNIVERSITY (1981)

Vidyasagar University was established on 29th September, 1981 by an Act of West Bengal Legislative Assembly called The Vidyasagar University Act 1981 (West Bengal Act XVIII of 1981) after the name of Pandit Iswar Chandra Vidyasagar, the great educationist and Social Reformer of Bengal.

The University was founded with the mission to meet the various needs of the region - ethnic, socio-cultural, geographical etc. as well as encouraging and providing instruction, teaching training and research in various branches of learning, courses of study, promoting advancement and dissemination of knowledge, extending higher education and for meeting the growing demands of the society. The University logo "Education, Knowledge, Progress" rightly justifies the mission of it. The University operates within the territorial limit of the District of Midnapore which has now been divided into Purba Medinipur and Paschim Medinipur.

The University campus has an area of 138.78 Acres of which Main Campus is 103.74 Acres and the Residential Campus is 35.04 Acres.

### 5.8.1 THE UNIVERSITY AT A GLANCE :

1.	No. of Affiliated Colleges and Institutes :	46
	(i) For Girls	02
	(ii) Professional (B. Ed)	02
	(iii) Paramedical	04
2.	Teachers Total :	1135
	(i) University (Sanctioned)	117
	(ii) Colleges (Sanctioned)	1018
3.	Area of the Campus in Acres :	182.75
	(i) Main Campus	103.74
	(ii) Residential Campus	35.04
	(iii) Third Campus (To be developed for Centre)	43.97
4.	University Officers (Sanctioned)	23
5.	Non-teaching Staff	132 + 10 (for DDE)
	(i) University (sanctioned)	132
	(ii) Directorate of Distance Education	10

## UNIVERSITIES

6.	Students Enrolment (i) Ph. D. (ii) Postgraduate (1st Year) [2004-2005] (iii) Undergraduate (iv) Distance Mode (Bridge, Masters)	60 1350 : M-782, F-568 57337; M-38166, F-19171 7600
7.	No. of Exam. Conducted	08
8.	No. of Faculties	02
9.	No. of Board of Studies & Meetings held during this period (a) Postgraduate (b) Undergraduate	55 113
10.	University Library Books Journals (Back Vols.)	66539 2614

### 5.8.2 POST-GRADUATE DEPARTMENT

#### FACULTY OF ARTS & COMMERCE

Departments : 1. Bengali; 2.Commerce with Farm Management, 3. Economics with Rural Development; 4. English; 5. History; 6.Library and Information Science; 7.Philosophy and Life-world; 8. Political Science with Rural Administration.

#### FACULTY OF SCIENCE :

Departments : 1. Applied Mathematics with Oceanology and Computer programming; 2. Anthropology; 3.Botany and Forestry; 4.Chemistry and Chemical Technology; 5. Computer Science; 6. Geography and Environment Management; 7.Human Physiology with Community Health; 8. Physics and Techno-Physics; 9.Zoology; 10. Electronics; 11. Microbiology

### 5.8.3 OTHER POST-GRADUATE COURSES : B.Tech. Course; M.Sc. etc.

B.Tech Courses : i) Chemical Engineering, ii) Computer Engineering , iii) Instrumentation Technology

## CHAPTER - 5

M.Sc. Courses : i) Geography with Environment Management, ii) Microbiology, iii) Electronics, iv) Botany & Forestry (Distance Mode), v) Physics & Techno physics (Distance Mode)

M. A. Courses in Distance Mode : i) Bengali, ii) English, iii) History, iv) Political Science, v) Commerce

M.B.A. Course : i) Master of Business Administration

M.C.A. Course : i) Master of Computer Application

### 5.8.4 Different department of the University with the courses at UG/PG/PG Diploma level with number of seats available to each of the courses :

Sl. No.	Name of the Department	Name of the courses offered	Intake Capacity
<b>Faculty of Arts &amp; Commerce :</b>			
1	Bengali	M.A.	105
2	Commerce with Farm Management	M.Com.	80
3	English	M.A.	105
4	Economics with Rural Development	M.A./M.Sc	70
5	History	M.A.	105
6	Library and Information Science	B.Lib.Sc. M.Lib.Sc.	35 15
7	Philosophy and the Life-World	M.A.	105
8	Political Science with Rural Administration.	M.A.	90
9	Sanskrit	M.A.	90
10	Sociology	M.A.	60
11	Management	M.B.A.	30
12	Mass Communication & Videography	P.G.D.M.C.	30
<b>Faculty of Science :</b>			
13	Anthropology	M.Sc	50



## UNIVERSITIES

14	Applied Mathematics with Oceanogy and Computer Programming	M.Sc	80
15	Botany & Forestry	M.Sc	50
16	Chemistry & Chemical Technology	M.Sc	45
17	Computer Science	M.Sc M.C.A.	30 45
18	Electronics*	M.Sc	30
19	Geography & Environment Management	M.A./M.Sc	60
20	Human Physiology with Community Health	M.Sc	40
21	Microbiology	M.Sc	30
22	Physics & Tech no-Physics	M.Sc	55
23	Zoology	M.Sc	45
24	Aquaculture Management Technology	M.Sc	20
25	Bio-Medical Laboratory Science & Management	M.Sc	20
26	Remote Sensing & GIS	M.Sc	40

**Besides these postgraduate departments, a few other self-financing institutes have been affiliated by the University to conduct some other courses as detailed below :**

Sl. No.	Name of the Department	Name of the courses offered	Intake Capacity
1	Institute of Engineering & Management, Salt Lake, Kolkata	M.B.A. (Distance Mode)	-
2	International Institute of Management Sciences. Uluberia, Howrah	M.B.A. (Distance Mode)	-
3	Oriental Institute of Science & Technology, Burdwan Campus, VIM Campus, Midnapore	B.Sc. (Bio-Tech & Bio-Chem.)	50
		M.Sc. (Bio-Tech & Bio-Chem.)	50
4	Vidyasagar School of Social-Work, Salt Lake, Kolkata	M.S.W.	50
5	Amik Institute of Management Sciences & Technology, Durgapur	M.S.W.	50

## 5.8.5 COLLEGES WITH DETAILS OF VOCATIONAL COURSES :

1.	Belda College	Office management & Secretarial Practice
2.	Egra S. S. B. college	Office management & Secretarial Practice
3.	Jhargram Raj College	Functional English
4.	Mugberia C. Mahavidyalaya	Tax Procedure & Practice
5.	Panskura Banamali College	Office Management & Secretarial Practice
6.	Raja N. L. Khan Mohila Mahavidyalaya	Sericulture
7.	Ramnagar College	Industrial Fish & Fisheries
8.	Sabong Sajantikanta Mahavidyalaya.	Industrial Fish & Fisheries
9.	Seva-Bharati Mahavidyalaya	Seed Technology
10	Y. S. Palpara Mahavidyalaya	Computer Application
11.	Hijli College	(i) Office Management & Secretarial Practice (ii) Computer Application
12.	Subarnarekha Mahavidyalaya	Tax Procedure & Practice
13.	Chandrakona Vidyasagar Mahavidyalaya	Computer Application
14.	Kharagpur College	Advertising, Sale Promotion & Sales Management
15.	Bajkul Milani Mahavidyalaya	Automobile Maintenance
16.	Sitananda College (Nandigram)	Industrial Fish & Fisheries
17.	Garhbeta College	Office Management & Secretarial Practice
18.	Mahishadal Raj College	Industrial Chemistry
19.	Moyna College	(i) Agro-Service (ii) Functional English
20.	Prabhat Kumar College	Industrial Fish & Fishery
21.	Pingla Thana Mahavidyalaya	Principles and Practice of Insurance
22.	Haldia Govt. College	Tourism and Travel Management
23.	Midnapore College	Instrumentation
24.	Tamralipta Mahavidyalaya	Tax Procedure & Practice
25.	Khejuri College	Agro-Service

## UNIVERSITIES

### 5.8.6 FACULTIES AND DEPARTMENTS

#### *POST GRADUATE COURSES :*

#### FACULTY OF ARTS & COMMERCE :

1. Bengali,
2. Commerce with Farm Management,
3. Economics with Rural Development,
4. English,
5. History,
6. Library and Information Science,
7. Philosophy and Life–World,
8. Political Science with Rural Administration.

#### FACULTY OF SCIENCE :

1. Applied Mathematics with Oceanology and Computer programming ,
2. Anthropology,
3. Botany and Forestry,
4. Chemistry and Chemical Technology,
5. Computer Science,
6. Geography and Environment Management,
7. Human Physiology with Community Health,
8. Physics and Techno-Physics,
9. Zoology.

#### OTHER COURSES :

- A. B.Tech. Courses : (i) Chemical Engineering , (ii) Computer Engineering, (iii) Instrumentation Technology.
- B. M. Sc. Courses : (i) Electronics, (ii) Microbiology.
- C. Master of Computer Application
- D. Master of Business Administration.

### 5.8.7 MAJOR HIGHLIGHTS DURING 2007-2008

The Vidyasagar University sprang into existence in 1981 in response to some compelling needs prompted by geographical, historical, ethnic, ecological and cultural compulsions. The hinterland of this University has a Wealth of Agricultural and marine resources along with huge Forest Lands and Hilly Areas inherited by Tribal Communities. During its short span of Establishment the University has put a mark in the field of research and all other domains of higher education keeping in view of the mission of the University . In 2007-2008 it has achieved remarkable progress in differents aspects such as Curricular, Teaching - Learning and Evaluation, Research -consultancy and extension, Student support and progression, Infrastructure and learning resources. Governance and leadership etc.

### 1. Curricular Aspects :

Semester system has been introduced in 2007 - 2008 in 12 Science subjects and 7 Arts & Commerce subjects viz. Physics, Physiology, Electronics, BMLSM, Applied Mathematics, Microbiology. Remote Sensing and Geo-Information Science, Zoology, Aqua Culture & Management, Bio - Tech & Bio Chemistry. Nutrition, Political Science, Economics, Commerce, MBA, Sociology, Sanskrit, Mass Communication and Videography, Computer Science, MCA, has been introduced with semester system since its inception.

Semester Systems in the rest of the subjects viz. Anthropology, Botany, Geography, History, Bengali, English, BLISC, HLIS will be introduced in 2008 -2009.

Course curriculum have been updated in all the semester running subjects accommodating UGC Syllabus and needs of the Industries and needs of the hour.

Three new Govt. funded Degree Colleges viz. Anil Biswas Smriti Mahavidyalaya, Kultikri. Saheed Prodyut Smrili Mahavidyalaya, Chaipat, West Midnapore and Maharaj Nada Kumar College at Nandakumar, East Midnapore have been affiliated. IIMS Saltlake, has been given affiliated to MBA. Post Graduate studies in Chemistry and Bengali have been introduced in 3 more degree colleges this year, MSW course has been affiliated one more college at Durgapur. Different SHIS, has been affiliated with ophthalmic clinical course.

### 2. Teaching / Learning and Evaluation Aspects :

Both working and Teaching days have been increased, 4 full time permanent Teaching posts and 3 Officer posts have filled up, 7 contractual Teaching & 06 temporary Non-teaching Staff have been appointed. At present we have 116 teaching post only 12 remains vacant, 23 Officers one remaining vacant and T32 Non-teaching all being filled up. The University has received Rs 50 lacs for Remedial coaching in 2007-2008 and we have made proposals for starting remedial coaching in some P.O. departments in 2008-2009.

15 National seminars/workshops have been organised in 2007-2008 from UGC unassigned grant by respectively Vidyasagar University Officers Association, Departments of Botany, Sanskrit, Mathematics, sociology, English Bengali, Economics, Political science. Commerce, Library & Information science. Aqua Culture and Management, Geography & Environment Management,

## UNIVERSITIES

Philosophy. Anthropology etc. University has proposed to conduct at least 15 seminars /workshop as per its budgetary provision in 2008 - 2009.

### 3. Research, Consultancy and Extension :

In the field of R&D the University has achieved remarkable development in 2007-08. 26 projects amounting to Rs. 2 Crores 28.771 lacs are running mainly funded by FIST/DST and other agencies viz. DBT, AICTE, UGC, UNDP- UMFEM, Govt of West Bengal, West Bengal Pollution Control Board , CSIR, ICFRE etc. 62 research papers have been published in International Journals and 96 in National Journals in this years. Tremendous progress has been noticed in the Deptt. of Chemistry, Human Physiology, Mathematics, Physics, Biomedical Laboratory Science and Management, Botany, Anthropology and all other Science & Arts, Commerce departments have contributed a lot. In Chemistry alone, a FIST SPONSORED Deptt, 36 students have qualified for NET & GATE in 2007. The research paper of Dr. S Islam in this deptt. has been selected best fifty in the world standard.

Some MOUs have been signed this year in some departments. Deptt of Anthropology has signed a MOU with National Institute for Science, Technology and Development for Society (NISTADS) to study the development potential of rural artisans and entrepreneurs in Paschim Medinipur, Bankura and Purulia Districts of West Bengal. Deptt. of Physiology has signed MOU with National Centre for Cell Science, Pune (under DBT). 4 students of this Institute have registered for Ph.D in this University this year. One research scholar of MD Anderson Cancer Research Centre, Huston, USA has registered for Ph.D in Vidyasagar University in 2007. Deptt of Physiology has submitted a project programme for introducing M.Sc. in Immunology in DBT. Bio Medical Laboratory Science & Management Deptt. has submitted project to UGC for opening ADD-on course in Photochemical screening and Bio-safety testing. This deptt. is likely introduce integrated M.Sc.- Ph.D programme in Molecular Nutrition under DBT. Deptt. of Microbiology has opened DBT sponsored Bio-informatics Centre, Conducted workshops for UG and PG level students of different Universities of W.B. and extended its activities in school students and common people to popularize Bio informatics among them.

47 students have obtained Ph.D in 2007-08 and 72 registered for Ph.D during this session, (as on 22.01.2008)

**4. Infrastructure and Learning Resources**

Besides academic development, infrastructure on going development is also noteworthy Construction of 2-storied Replica Science Building (Eienstien Building) has been undertaken on UGC - University share, ground floor of which is on the verge of completion. Construction of Silver Jubilee.

Building (Management Building) has been started and likely to be completed by 2008. Construction of University auditorium, estimated budget Rs. 8 crores , is likely to start in 2008 from its own fund. Students - amenities Center has been completed in 2007-08. UGC has sanctioned Rs. 42 lacs (out of 98 lacs) for construction of Women's Hostel, construction of which will be started in this year. Extension of P.O. Boy's Hostel and Administrative Building will be started in 2008. A women Infrastructure (Ladies Multigym, Ladies Common room, Medical Unit) has been started this year. Information Communication Technology(ICT) enabled - services have been providedtiall the academic and administrative departments.

No. of books in the Central Library has been increased from 67, 131 to 72, 051, amount spent for that is Rs. 9 lacs in 2007-08. also Books worth Rs. 13 lacs will be purchased within March 2008.

One Center for digital resource services has been established and Resource Cubicle has been opened in 2007-08. Ver-ified Expansion of the library has been made in the 3rd floor where Reading room Ref. Library have been shifted.

The process of construction of a digital archive is going on from where e-journals, abstracting journals, bibliographic databases, CD/DVD Room Searching, Web-mail will be available. Digital Repository is completed and awaiting inauguration. The Computer Centre of the University has made significant development to cater to needs of all section of students PG., UG; school students (MP & HS) through its diversified programmes meant for them. In 2007-08 it has established a Software lab sparing Rs. 15 lacs. Introduced certificates courses of 6 months and 1 year duration. Worked as consultant in computerizing some banks in the town, as consultant in computer set-up in district Administration and school, to set up internet connection to 4 college^ organized computer Fair at district level in 2007 and University earned revenues of amount Rs. 4 lacs from it. Proposed to Organize the computer literacy and Awareness programmes for the youths of Rural and Tribal areas in Purulia. Bankura and East and West Medinipur Districts through seminars, demonstration etc and proposed to takeyl up full-fledged consultancy and software development work in 2008-09.

## **UNIVERSITIES**

### **5.9 NETAJI SUBHAS OPEN UNIVERSITY (1997)**

Netaji Subhas Open University was established by an Act of the State Government (Act XIX of 1997) on the occasion of birth centenary of Netaji Subhas Chandra Bose. The main objective of this Open University has been to provide higher education opportunities to those who can not pursue higher education due to socio-economic, inaccessibility or other limitations.

The headquarters of the University is housed in a historic building originally owned by Sarat Chandra Bose, a freedom fighter and an elder brother of Netaji Subhas Chandra Bose. Now the University is going to offer its various courses outside the State of West Bengal.

The University at present operates through 142 Study Centres in different colleges covering enrolled students of 69,000 of 15 Programmes in 55 courses.

#### **VISION :**

Netaji Subhas Open University, the State University of West Bengal, will contribute to the building up of quality human resource base of the State and collaborate with other Open Universities of the National and State level towards the improvement of the quality of distance education and to promote and develop appropriate technology to create the distance education scenario of an international standard in our country keeping in view of the demands of the knowledge seekers for education appropriate to the twenty first century.

#### **MISSION :**

To spread higher education in different parts of the State and to cooperate with Universities to provide access to higher education and to different skill enhancing educational programmes Netaji Subhas Open University shall :

- provide quality education in flexible mode to serve the aim of establishing an equitable knowledge Society within the State.
- provide higher education through distance learning through the language of the State, i.e. Bengali.
- make education affordable to disadvantaged.
- provide facility for lifelong education to the intending learners.
- strive for upgradation of technology without compromising the basic values of the society.
- contribute to the development of the State and the nation and motivate learners to strive for secular, scientific and democratic education.

**ROLE OF STUDY CENTRES :**

The University through 142 study centres runs B.P.P (Bachelor Preparatory Programme), B.D.P (Bachelor Degree Programme -Arts, Commerce and Science), Post Graduate Degree Courses (Arts, Commerce and Science) Post Graduate Diploma, Certificate Courses and Vocational and Professional/ Management Courses.

**NETAJI SUBHAS OPEN UNIVERSITY HAS INTRODUCED THE FOLLOWING COURSES :**

- (a) **Undergraduate Courses (Arts) :** Bengali, English Language, History, Political Science, Sociology , Economics and Public Administration. (Science) : Mathematics, Physics, Geography, Chemistry , Botany and Zoology Commerce.
- (b) **Post Graduate Degree Courses :-** Bengali, English, English Language Teaching, Political Science, Social Work, Public Administration and History Commerce Mathematics, and MCA
- (c) **Post Graduate Diploma Courses:-** Co-operation, Journalism and Mass Communication, Public Relations Advertising.
- (d) **B.Ed. (Special Education)** for Mental Retardation and Hearing Impairment in collaboration with RCI.
- (e) **BLIS** (Bachelor Degree in Information and Library Science).
- (f) **Diploma Courses :-**Entrepreneurship Development and Business Management, Medical Laboratory Technology, Yoga therapy and Physiotherapy, Basic Photography, Advanced Photography.
- (g) **Certificate Courses :-** Preparatory Teachers Training ( Professional courses) English for Communication, Bengali Language and Human Rights.
- (h) **Vocational Courses** (i) Tailoring and Dress Designing related Courses, (ii) Electrical and/ Electrical related Courses, (iii) Automobile related Courses,(iv) Information Technology related courses, (v) Agriculture related courses,(vi) Art & Craft related courses,(vi) Fitting and Plumbing related courses.
- (i) **M.Phil Course in Education** in collaboration with IASE, David Hare Training College.
- (j) **Degree of Doctor of Philosophy** in Arts, Science, Commerce, Management, Computer Science, Distance Education and Interdisciplinary subjects.
- (k) **M.B.A. :** This is one of the popular Courses of the School of Humanities and Social sciences is the Management programme at the completion of which the students will be awarded the MBA degree.



## UNIVERSITIES

### IMPORTANT DEVELOPMENT

MoUs have been signed between NSOU and the following Institutions for the purposes as mentioned below.

- (i) **Chennai Mathematical Institute** : The premier Institute of Mathematics pioneered by the legendary Mathematician C.S.Seshadri F.R.S in an effort to provide the best opportunities to the students for interactive studies and research in Mathematics. It is indeed a privilege that CMI has come forward with the scheme of scholar Exchange Programme with Netaji Subhas Open University.
- (ii) **M.S.Swaminathan Research Foundation, Chennai** under the initiative of eminent Agricultural Scientist Professor M.S. Swaminathan, Chairman of the Foundation for carrying out a programme for rural uplift by the application of ICT Techniques.
- (iii) **Rehabilitation Council of India** for B.Ed (Special Education) Course to serve the Disability Sector.
- (iv) **CARE Foundation** :  
Netaji Subhas Open University in collaboration with CARE Foundation will launch the following courses from the academic year 2005-2006. The courses identified are :- (i) 3-year Physician Assistant Post Graduate Diploma Course, (ii) 3- year Nurse Hospital Administrator M.Sc. Course.
- (v) **3-year Cardiovascular Nursing Post graduate Diploma Course**  
A MoU between Netaji Subhas Open University and CARE Foundation was signed on 09.12.2005 to start the courses at CARE Hospitals, Hyderabad.

### Commissioning The Digital Reception system :

All arrangements have been made for commissioning the digital reception system in KU Band for downlinking Gyan Darshan educational T.V. Channel of India at our twelve study centres. Keeping pace with the advancement of the ICT in propagating and strengthening the ODL System, the venture will add to the activities of the University.

**EDUSAT** : The works relating to the installation and commissioning of VSAT for ISRO under EDUSAT Project has already been completed.

### **Video Conferencing Facilities :**

A video Conferencing Unit was installed at our Salt Lake Campus for facilitating the development of ODL through the virtual mode and helping this region catch up with the developments in virtual education taking place elsewhere in India and abroad. This network, expected to be widened soon will serve as a launch pad for future expansion and integration.

### **On- Line Bangla :**

Netaji Subhas Open University in collaboration with the Central Institute of Indian languages, Mysore, launched its On-Line Bangla Course. This web based course designed for the virtual mode is carefully crafted to suit the varied needs of learners interested in learning Bangla Language not only in other parts of India but also in the huge Bengali diaspora abroad.

### **Interactive Radio counselling :**

Apart from GYAN VANI F.M., NSOU broadcasts programmes on different subjects on the 4th Sunday of every month through All India Radio concentrating on the electric assortment of Awareness Programme, Support Services, Special programmes of National importance.

### **Seminars/Conferences/Memorial lectures :**

As usual there has been a spate of activities, Seminars, Symposium, workshops, Conferences and Memorial lectures round the year. A few of these are illustrated in brief :-

**Scholarship :** Post graduate students and students studying vocational courses are entitled to SAF-Madanjit Singh scholarship on fulfillment of certain eligibility criteria.

## UNIVERSITIES

### 5.10 THE WEST BENGAL UNIVERSITY OF TECHNOLOGY (2000)

The West Bengal University of Technology (WBUT) has entered in the eighth year of its functioning since it came into operation formally with the assumption of office of the first Vice-Chancellor in the month of January 15, 2001 as a sequel to the promulgation of THE WEST BENGAL UNIVERSITY OF TECHNOLOGY ACT, 2000, under the West Bengal Act XV of 2000 passed by the West Bengal Legislature.

The University has been functioning from BF-142, Sector-I, Salt Lake, Kolkata-700 064 as yet within an area of 45,000 sq. ft. and it aspires to create a modern campus on 40 acres of land at Haringhata on NH-34 allotted by Govt. of West Bengal. With a view to construct that much awaited campus, a professional team has been constituted to start the job there through the established process of tendering and selecting the best available architect. The survey work has already been completed and report has been submitted by the appointed surveyor. The construction of boundary wall and the soil testing of the proposed campus have already taken place.

#### VISION

The vision of the University is to provide an equal opportunity, affirmative action and not to distinguish on the basis of gender, caste, creed and religion. The University wants to grow nurturing innovative/novel ideas that would touch all segments of the society especially the marginalized ones. It looks at the technology from a broad social perspective and are organizing postgraduate courses in basic and applied sciences with interfaces to social sciences. The University has introduced new courses in emerging areas to develop, enhance and strengthen the country's position in research and higher education. The motto of the University is to strive for optimum utilization of resources and believe in unleashing individual initiative for entrepreneurial development without compromising the collective need.

The University is steadfastly proceeding towards its twin objectives :

- a) to serve as a Centre of Excellence in teaching and researching in technology and management area - and
- b) to provide framework of industrialization based on knowledge economy.

### MISSION OF THE UNIVERSITY

- To create awareness in key areas of environmental science, conservation of energy and resource, information technology and biotechnology;
- To organize continuing education programmes for updating the knowledge and skills of working professionals;
- To organize and other consultancy to industry and organizations' assistance;
- To undertake such other activities as may be necessary to fulfill the mission of sustaining the merging areas of Science and Technology.

In the academic year 2007-08 the University organized a reckonable number of Seminar and workshops both at regional and national level in the field of Basic Science, Engineering and Technology. The eminent scholars and educationists took part in those Seminars and Workshops. The "Dr. C.V. Raman Memorial Lecture" was delivered by Prof. Asis Datta, Director of National Institute of Plant Genome Research, New Delhi on 25th February, 2008 at 11.30 am and 2nd "Acharya Jagadish Chandra Bose Memorial Lecture" was organized at the Auditorium of our University on 26th February, 2008 at 4.00 pm" the lecture was delivered by Dr. Bikas Sanyal, an eminent educationist of International stature and the recipient of Legion of Honour, the most prestigious order of merit of the Republic of France.

To realize its mission of emerging as a Centre of Excellence the University has created three Schools of Studies viz. School of Information Technology (SIT), School of Biotechnology (SBT) and School of Management (SOM) comprising, presently, five departments, viz. Department of Information Technology, Department of Computer Science and Engineering, Department of Biotechnology, Department of Bioinformatics and Department of Natural Science, Humanities and Management.

The Schools formed in this University would function in the same style as the Schools in Jawaharlal Nehru University, New Delhi. The Directors of the Schools are taking steps to open up new departments in the Schools and the Departments are motivated to encourage inter-disciplinary research and teaching. All the departments enjoy full academic autonomy, and provide overall guidance in nurturing our ideas of development and help integrate discipline to provide new focus. The SIT offers B.E in IT as well M.Tech. in Software Engineering, ME in Computer Science and Engineering, ME in Information Technology. The SBT offers M. Tech. in Biotechnology (supported financially by Department of Biotechnology, Govt. of India), M. Tech. in Bioinformatics, Integrated Ph. D. Programme in Molecular Biology and Bioinformatics and Ph. D. Programms in emerging areas. The University also offers an

## UNIVERSITIES

Integrated Ph. D. programme in Physical Science and Chemical Science in collaboration with S. N. Bose Centre for Basic Sciences. The University is also offering M. Phil Programme in Material Science. The School of Management has initiated professional training courses in other countries for foreign students in collaboration with South Asian Management Technology (SAMT). M. Phil in Management has also recently been introduced.

## SPECIAL FEATURES

The teaching staff of University includes, besides the core faculty, visiting faculty, adjunct faculty members and distinguished visitors from the industry and frontline academic and research institutes of the country and abroad.

The basic objective of the University shall be to organize undergraduate courses of study in Engineering and Technology, specially in emerging areas. The University in the academic year 2006-07 affiliated 105 institutions spread over in the 15 districts of the State of West Bengal. Postgraduate study and research is being carried out for the grooming of Scientists, Engineers and Technologists. In this venture our affiliates are our cherished partners. The University is continuously seek new partners in excellence be it industry or other institutions of higher learning. The University has intimate and collaborative linkages with national and international research institutes, universities and the industries.

The affiliated colleges enjoy financial autonomy from the beginning. They also enjoy substantial autonomy in academic matters. They can suggest establishment of elective papers, frame their syllabus and get it ratified by the University Academic Council at UG level. At PG level some of the selected colleges directly offer PG programmes.

## MANPOWER POSITION :

Faculty ( Sanctioned Posts)	– 34 Nos.
Present position (filled up)	– 28 "
Officer (Sanctioned)	– 6 "
Officer (filled up)	– 3 "
Non-Teaching staff	– 55 "
Non-Teaching staff (filled up)	– 43 "

**EVALUATION :**

In the academic year 2007-08 the results of even semester examination held in June'07 and for odd semester examination held in December'07 were as follows :

**In the even semester examination June, 2007**

		<b>SC</b>	<b>ST</b>
Students appeared :	64,918	1019	118
No. of students passed	59,143		
Percentage of pass	91.10%		

The University conducts the JEMAT examination for the admission in the MBA course in different Universities, Colleges (affiliated to the WBUT). The JEMAT-2008 examination was also conducted by West Bengal University of Technology the result of which was as under :

No. of Candidates appeared	: 2245 nos.
Total No. of candidates called for GD/PI	: 1492 Nos.
No. of students turned up for GD/PI	: 965 Nos.

**THE LIBRARY OF THE UNIVERSITY**

The University has established a Digital Library in collaboration with L2C2 Technologies. It involved an upgradation of a Library Management software KOHA to a truly Digital Library Management Software. The Library remains open for 14 hours a day on weekdays and 12 hours on Saturdays, Sundays and Holidays. The 'Earn While You Learn' system is still in vogue for the students. Under this scheme the students can earn @ Rs. 50 per hour for a maximum of 25 hours in a month. The Library has now in its possession the following number of title books , e-books, e-journals and journals. The details are as under :

- 1) Total no. of Books in the Library - 11095 Nos.
- 2) Total titles of Books - 4,516 "
- 3) e-books - 13,785 "
- 4) e-journals - 8782 "
- 5) Journals - 117 "
- 6) Total termina - 20 "
- 7) Server (Functional) - 05 "

## **UNIVERSITIES**

### **SCHOOL OF INFORMATION TECHNOLOGY**

The School of Information Technology consists of the twin departments of Computer Science & Engineering and Information Technology.

The Department of Information Technology: This department is offering an undergraduate course leading to B.E. Degree in Information Technology and two Post Graduate Course as follows :

1. M. E. in Information Technology
2. M. Tech. in Software Engineering

The Department of Computer Science & Engineering : The department is presently conducting two Post Graduate Courses as follows :

1. M.E. in Computer Science & Engineering.
2. M.Tech in Microelectronics & VLSI

The School of Information Technology offers Ph. D. Programms in various areas of Information Technology and Computer Science & Engineering.

### **ON GOING PROJECT UNDER COMPUTER SC. & ENGINEERING DEPTT.**

"Bangla Online Handwriting Recognition System", the aim of the project is to develop a general system for Recognition Online Bangla Hand printed and cursive text. It is sponsored by AICTE under RPS(a),for two years started at March 07. Project fund- Rs. 2.20 lakhs.

## **EDUSAT**

### **EDUSAT Utilization in WBUT :**

The first meeting of the state level core committee for 'EDUSAT' was held on 22nd September 2005.WBUT is associated with this project from the beginning.

WBUT has subscribed 3.75crores for installation of 102 SITs(Satellite Interactive Terminal) in its 102 affiliated colleges. This also include the teaching end at WBUT premise.

WBUT teaching end and SITs will use the regional hub(of eastern spot beam) at Roopkala Kendra for transmission of the classes that will be organized at WBUT teaching end. Students at all SITs will be able to participate in those classes/seminars in interactive manner. Here is the list of milestones achieved in this project.

**CHAPTER - 5**

<b>Events</b>	<b>Date</b>	<b>Comment</b>
Received SIT equipments	May 14, 2007	WBUT has received 102 SIT equipments and one teaching end equipment set from BEL
Distribution of SIT equipments to different colleges Installation of SIT	May 17,2007 - May 25,2007 May 26,2007 -Till date	SIT equipments are distributed to 101 colleges . SITs are installed at different WBUT affiliated colleges. Installation team is instructed to test SIT functionality with WBUT teaching end.
Installation of WBUT teaching end	May 28,2007	WBUT teaching end is installed at studio in WBUT premise.
WBUT teaching end becomes functional	July 12,2007	After a series of testing for BSNL lease line setup and router configuration,WBUT teaching end finally becomes ready for transmission of audio and video signal.
Training of SIT coordinators	July 20,2007- July 23,2007	WBUT ,in collaboration with ISRO and BEL has arranged a training(on SIT operation and maintenance) for SIT coordinators of all colleges. Among 202 SIT coordinators(of 101 colleges) 80% has attended the training.
Current installation status	September ,2007	Installation has completed at 85 SITs and installation is in progress at 15 SITs.



## **UNIVERSITIES**

### **WBUT's future plan :**

In future, regular classes will be organized at WBUT teaching end. These classes may include lectures delivered by eminent scientists, classes for teachers training, classes on different subjects based on the requirement of colleges.

Planning for EDUSAT utilization phase is going on at this moment. This also includes planning for content development and other related activities.

It will be a great achievement if WBUT and its colleges will be able to utilize the EDUSAT regional beam network effectively.

## **SCHOOL OF BIOTECHNOLOGY**

The School of Biotechnology consists of two departments viz. the Department of Bioinformatics and the Department of Biotechnology. This school has several teaching programmes viz.

1. M. Tech. in Biotechnology
2. M. Tech. in Bioinformatics
3. Post -B.Sc. Integrated Ph. D. in Bioinformatics
4. Post -B. Sc. Integrated Ph. D. in Molecular Biology
5. Post- B.Sc. Integrated Ph. D. in Microbiology
6. Post- B.Sc. Integrated Ph. D. in Biophysics

## **DEPARTMENT OF BIOINFORMATICS**

WBUT has realized the need for introducing teaching and research programme in bioinformatics in addition to the biotechnology programme. The Dept. of Bioinformatics was founded in the year 2005. In fact the University is already running four semester M.Tech. as well as five-year Post B.Sc. Integrated Ph. D. Programs in Bio-informatics. A Credit Exchange Programme has been initiated with Bioinformatics Centre, University of Pune, a COE under DBT, New Delhi. We are also the DBT nodal centre for Eastern Region and have held the National eligibility test for Bioinfo-NET (rechristened BINC).

These courses are becoming increasingly popular from the point of view of job opportunities. Ms. Sucharita Dey, student of M.Tech. Bioinformatics (2007) was awarded 8th rank in BINC( Bioinformatics National Certification) Examination, 2007 held by DBT, Government of India. She has also received fellowship from DBT for pursuing research.

This year Department of Bioinformatics has received a grant of Rs. 20 lakhs from DBT, New Delhi for "Establishment of Bioinformatics Infrastructure Facility (BIF)" for the promotion of Biology Teaching through Bio-Informatics (BTBI). During last 50 years, since the development of modern biology based on protein and DNA structures, there has been an amazing increase in molecular and genetic information. Creation and handling of crystal data bases for macromolecules like proteins and DNA are of utmost importance today. Since the unfolding of genetic information in the human genome in recent years, data management has reached new dimensions altogether. With structural database analysis and structure-function relationship of biological macromolecules the discipline of Bioinformatics encompasses other aspects like rational drug design, QSAR, phylogenetic studies etc.

### LIST OF SOME ONGOING RESEARCH PROJECTS

1. Design of 'anion recognition' short peptide motifs: an approach towards designing 'model scaffolds' for binding" by Department of Biotechnology Ministry of Science & Technology (2007): Dr. Raja Banerjee (Rs.23.73 lakhs)
2. Studies on nanocrystal formation in microbes undergoing Heavy ion irradiation. Funding is from IUAC-UGC. 1.94 Lac plus travel and DA expense for three persons in actuals. Staff: Ms. Poulomi Nandy (JRF)

### DEPARTMENT OF BIOTECHNOLOGY

The Department of Biotechnology was established in 2003 with a view to develop a Centre of Excellence for education and research in biotechnology. In so doing, a four-semester AICTE – approved M.Tech. Programme in Biotechnology was started with students qualifying in the All-India level Joint Entrance Examination (JEE) conducted by Jawaharlal Nehru University, New Delhi. In fact the M. Tech. programmes in biotechnology at WBUT and at Anna University, Chennai are the only two programmes in the country supported by the Department of Biotechnology, Govt. of India. The department also runs a post- B.Sc. five-year Integrated Ph. D. program in Molecular Biology- students admitted are eligible for award of a University Fellowship of Rs. 4000/- per month (subject to certain Conditions). The department has excellent laboratory infrastructure in all the major areas of biotechnology and molecular biology.

## UNIVERSITIES

### FOLLOWING ARE THE ONGOING FUNDED PROJECTS :

1. Ionizing radiation induced DNA DSB studies of methanogens isolated from East Calcutta wetland. Funding is from IUC-Department of Atomic Energy. UGC-DAE CRS,KC,2005-2008, 3.09 Lac. Staff: Ms. Sanhita Chowdhury (JRF)
2. Trace element profiling of East Calcutta Wetlands for Phylogeny based growth condition prediction. UGC-DAE EP,IOP, Travel Grant, (User facility, actuals),
3. Development of sulphate reducing bioremediation package for Jaduguda Effluent discharge. Funding is from brns-Department of Atomic Energy. DAE-BRNS. 26.00151 lac. Staff: Ms. Madhusmita Mishra (SRF)
4. Studies on Heavy ion irradiated metal induced radiation sensitization in Bacillus subtilis. Funding is from IUAC-UGC. 2.91 lac plus travel and DA expense for three persons in actuals. Staff: MS Sumana Das (JRF)
5. Isolation and Characterization of efficient Sulphate Reducing Bacterial Consortia. Funds from CSIR: 1.704 Lac. Staff: Ms. Poonam Nasipuri (JRF).
6. Molecular investigation of heavy metal tolerance/hyperaccumulation in plants growing on the Uranium tailing ponds in Jadugudain. Funding is from BRNS.27.95 Lac Staff: Ms. Debjani Chakraborty (JRF).
7. Investigating the molecular basis of heavy metal tolerance in Brassica juncea (Indian Mustard) using yeast as functional model. Funding is from CSIR 9.2 lacs. Staff: Ms. Monali Sen (JRF).
8. Survey mapping and generation of phytoplankton based fish growth regulatory biotech products for fishery industries of North 24-parganas district of West Bengal. Funding is from DST.5.976 Lac. Staff: Ms. Indrani Roy (Women Scientist).
9. Biochemical investigation into the aberrant glycosylation of serum glycoproteins during inflammation using carbohydrate-binding proteins. Funding is from DBT Rs. 26.00 Staff: Ms. Urmimala Chatterjee (SRF).
10. Chitosanase from fungi and applications on its substrate for the productionu of glucosaminylmono-and oligosaccharides and isolation of lectins. Funding is from CSIR Rs. 14.802. Staff: Mr. Goutam Mondal (SRF).

11. "Patterns of food allergen-specific cytokine production by T-lymphocyte subsets of atopic children". Funding is from ICMR Rs.48.054
12. Research Promotional Scheme for Bio-Tech- Dr. Anindita Seal (Rs. 6 lakhs)
13. Research Provisional Scheme for IT – Dr. Sreeparna Banerjee (Rs. 5,75,000)

### **SCHOOL OF MANAGEMENT FOR ADVANCE STUDIES AND RESEARCH**

The School of Management (SOM) has been set up by WBUT as a Centre for Advanced Studies and Research in Management. This school presently consists of the Department of Natural Sciences, Humanities and Management.

SOM propose to address the urgent need for a programme to develop and train management faculty in affiliated colleges by offering an Integrated Doctoral Programme in Management (M. Phil./ Ph. D.) and a Ph. D. Programme in Management.

Specifically keeping the management faculty in mind SOM will also offer refresher courses, workshops and seminars on a regular basis. Through these efforts, SOM will cultivated research activities in the area of management with a conscious effort develop an interdisciplinary approach. The link with industry will be maintained through regular consultancy services which will be offered by SOM to the corporate sector. Hence the activities of SOMK will benefit both the academic and corporate sector alike.

While designing courses, keeping in mind the technological thrust of WBUT, SOM will offer programmes specifically geared towards the management of technology. A parallel focus will be on the diffusion of technology and management principles in the small scale sector of the Indian economy to encourage and facilitate the growth of entrepreneurship. To this end, SOM will also offer programmes for training of NGOs involved in social activities. The school plans to undertake projects of contemporary interest and issues and reach out to various segments of our society and be part of the vital link between technology and societal needs

SoM, WBUT in collaboration with South Asian Management Technologies (P) Ltd., has been offering certificate courses, currently in the areas of finance, banking, IT and management for executives and practicing professionals. Upon successful completion of the courses, the participants gain credit points. Accumulation of a certain number of credit points entitle the participants to a Post-Graduate Diploma to be awarded by WBUT. The courses are offered internationally; at the initial stage the focus is on SAARC, South & South-east Asian countries.

## UNIVERSITIES

An M. Tech Programme in Industrial Engineering and Management programme is scheduled to be launched under SoM

Some special features of the programme include product modeling and techno-entrepreneurship

Natural Science and Humanities are also part of the activities of this department. Besides research activities pursued by individual faculty, the department has several teaching programmes. Faculty of this department take part in teaching in present B. Tech and M. Tech Programmes. Two post B. Sc. Integrated Ph. D. Programmes in Physics and Chemistry are being conducted in this nodal centre, S. N. Bose Centre for Basic Sciences. Student are admitted into the Physics course through the national level JEST examination. So far, 5 students have registered for Ph. D. in Physics. In the next five years the department will work on the improvement of these courses. WBUT has also started a one year M. Phil course on "Material Science" from this academic year 2006-07 because of the importance of material science in the present day industrial environment throughout the world. The course will stress on the theory of polymer, ceramics and nano-materials and will also have laboratory experiments as well as research. The department has a plan to start a study centre in Chaos, Non-linearity and Complexity. A web page has been put up as a start [www.wbutccr.org](http://www.wbutccr.org) and experts are being contacted. Since the department has the relevant expertise, M. Tech. courses in Polymer and Material Science will be developed and research will be pursued in collaboration with other institutes.

## ONGOING RESEARCH PROJECT

Award of UGC Major Project grant (for 3 years) for research on "Functional Instability or Paradigm Shift – study of Indian finance Market"- March 2007

Miscellaneous Activities :

Development work initiated

Name of the Project : OKAY (One Key Accessibility Yield)

The Project : Like Dasher/GOK (Gnome Operated Keyboard), it will be an accessibility tool for text entry & common operations on Windows-File system, like MSWORD, Notepad, Explorer etc.

Besides the website [www.wbut.net](http://www.wbut.net) the following websites for the specific field have been opened.

[www.jemat.org](http://www.jemat.org)

[www.wbutcollegeinfo.org](http://www.wbutcollegeinfo.org)

[www.wbutekta.org](http://www.wbutekta.org)

[www.wbutcet.org](http://www.wbutcet.org)

[www.wbutappraisal.org](http://www.wbutappraisal.org)

[www.wbutreview.org](http://www.wbutreview.org)

[www.wbutquestionbank.org](http://www.wbutquestionbank.org)

[www.wbutcourse-affiliation.org](http://www.wbutcourse-affiliation.org)

[www.wbutccr.org](http://www.wbutccr.org)

[www.wbutregistration.org](http://www.wbutregistration.org)

[www.wbutconvocation.org](http://www.wbutconvocation.org)

### **EKTA INCUBATION CENTRE**

#### **RATIONAL FOR SETTING UP A TECHNOLOGY BUSINESS INCUBATOR – (TBI)**

Ekta Incubation centre as a part of West Bengal University of Technology is the first of its kind in the region. Other than this there are similar bodies under the umbrella of Institutes like IIT, Kharagpur. It was set up in 1st December 2005 in the second campus of WBUT situated at Sector V of Salt Lake City. This centre proposes to build on competencies of its own resources and those of networked incubator Entrepreneurship Development Cell (EDC) at St. Xavier's College, Kolkata.

#### **Biotech-Incubation in West Bengal University of Technology- A Road Map**

The Biotech Incubation at West Bengal University proposes to focus its attention principally in three areas of action: microbial based product development, plant based product development and agri-based product development.

The services to be provided would involve use of a wet laboratory which would permit centrifugation and basic microbiological/molecular biology work environment. This with the establishment of a containment facility would permit incubates to work with pathogenic bacteria.

The reason for primarily choosing these areas is that in the Eastern region and North-East especially the biodiversity index is highest. East Calcutta Wetland had been declared a Ramsar site because of its unique ecological endowment. This site utilized as a resource centre for microbes with novel products would offer one of the best inducers for getting incubates to set up start up companies. It is to be noted that the easiest way of extracting novel products is if they are secreted out of the system. The purification steps then become simpler and the start up company would not have to invest heavily in downstream bioprocessing. However quite often the secreted novel compounds

## UNIVERSITIES

are used by the pathogens to protect themselves from attack. This requires that a containment facility is also made available for incubates. We have already a repertoire of microbes that can yield products and the ability for incubates. We have already a repertoire of microbes that can yield products and the ability to analyse the bacterial consortia gives an opportunity to work at bioremediation package as well.

The competence and infrastructure support for both aerobic and anerobic culture would permit wider spectrum to be exploited for commercial purpose.

The use supercentrifuge and Laminar Flow hood and the sterilization Room would permit access to initial microbial growing facility. Since for productization large culture would be needed, we would modify our initial request fir a 250 lt. fermentor to industrial scale level product formation standardization with the use of completely microprocessor controlled 10 lt.bio-fermentor in the Incubation Centre. We have also developed product with better packaging and other inputs which would help young incubates to gain foothold in the market.

For two products market survey is either completed or is in the process of being conducted. However, for a couple of other products some more work needs to be done before taking it for market. In one such product industrial cooperation has been sought and has been assured.

On a large scale the areas in which the products are being developed, cover the use of proteases in (i) detergents (ii) leather industry and applications in the FMCG area and Food Industry.

We have also a product in the biofertilizer area. This product too would depend on the use of fermentors and supercentrifuge for packaging on a reduced volume level which would bring in competitiveness in the marketability. It also offers possibility of exploitation in other areas like vermicompost, waste leaves compost, other microbes releasing phosphate etc.

We have already established capacity for work in the area of micropropagation including hardening facility which would permit wider participation from those intending to work in plant products.

The purchase of an Ultracentrifuge would offer us the opportunity to exploit products which are not secreted and the purification process would need Ultracentrifugation. Even as a service provided to large number of research scholars in different institutions would both encourage them to work towards a product using recombinant technology as well as for greater quality in research activity.

EDXRF's ability to detect trace amount of metal contaminants in all kind of sample would permit both industrial standardization as well as product development.

## 5.11 THE BENGAL ENGINEERING AND SCIENCE UNIVERSITY, (2004)

### Genesis

Established way back in 1856, as the Civil Engineering College, Calcutta; renamed as 'Bengal Engineering College' in 1921 and elevated to the status of a 'Deemed University' in 1992; the University with its present name as 'Bengal Engineering and Science University, Shibpur' has come into being with effect from October 1, 2004. With a presence of nearly 150 years, it is considered to be one of the pioneers of engineering education in India;

The University is located in a sylvan surrounding in the district of Howrah, on the bank of the river Hooghly and is adjacent to the famous Indian Botanic Garden. It is only a few minutes drive to the heart of Kolkata through the Vidyasagar Setu.

### Academic Programmes

#### UG Programmes

The University offers UG programmes leading to B.E/B.Arch. degrees in nine branches namely Architecture, Civil Engineering, Computer Science & Technology; Electrical Engineering, Electronics & Tele-Communication Engineering, Information Technology, Mechanical Engineering, Metallurgical Engineering and Mining Engineering. Admission to UG programmes, is based on W. B. Joint Entrance Examination, Recently, a BBA programme has also been introduced.

#### PG Programmes

The University has the distinction of being the first institute to offer postgraduate degrees in various branches of engineering since 1953. The following postgraduate programmes are offered at present :

- Master's of Engineering/Technology in Civil, Electrical, Mechanical, Metallurgy; Computer Science and Technology, IT, Electronics and Telecommunication, Engineering Mechanics, Mining, Materials Engineering
- Master's in Town and Regional Planning (MTRP)
- Master's in Computer Application (MCA)
- Master's in Business Administration (MBA)
- Part time PG programme in Civil Engineering in specialized fields and Industrial Metallurgy
- Full time M.Sc programmes in Applied Physics, Applied Chemistry; Applied Mathematics and Applied Geology



## UNIVERSITIES

Different Departments of the University with the courses at UG/PG/PG Diploma level and no of Seats available to each of the courses :

Sl. No.	Departments	UG	Intake Capacity	PG	Intake Capacity	PG Diploma	Intake Capacity
1.	CE	UG	90	CE	46		
2.	ME	"	65	ME	31		
3.	EE	"	60	EE	24		
4.	ETC	"	60	ETC	12		
5.	MET	"	30	MET	19		
6.	MIN	"	30	MIN	18		
7.	CST	"	60	CST	16		
8.	IT	"	60	M.Tech (IT)	40		
9.	B.Arch	"	24	M.T.R.P.	16		
10.	Applied Mechanics	-	-	Engg. Machanics	18		
11.	M.N.D, School of Material Science	-	-	M.Tech (Material Science)	18		
12.	Civil Engg.	-	-	Geo-Tech Engg	13		
13.	Civil Engg.	-	-	Structural Engg	13		
14.	Civil Engg.	-	-	Environment Engineering	13		
15.	Civil Engg.	-	-	Transport Engg	13		
16.	School of Community Sc. & Technology			Food Processing and Nutrition Science	25		
17.	Metallurgy Dept.	-	-	Industrial Metallurgy	18		
17 (A)	Information Technology	-	-	Information & Communication Engineering (ME)	18		
18.	CST	-	-	MCA	30		
19.	School of Management Science	-	-	MBA	120		

## CHAPTER - 5

20.	Mechanical Engg. Dept.	-	-	Safety & Occupational Health Engg.	40		
21.	Information Technology	-	-	M. Tech (VLSI Design)	12		
22.	Physics	-	-	Physics	25		
23.	Chemistry	-	-	Chemistry	25		
24.	Mathematics	-	-	Mathematics	25		
25.	Geology	-	-	Geology	25		
26.	Purabi Das School of Information Technology	-	-	Bio-informatics	20		
27.		-	-	Mechatronics	20+10 (CSIR Sponsor)		

The following autonomous schools have already been established to facilitate interdisciplinary PG activities :

- Purabi Das School of Information Technology
- School of Management Sciences
- Dr. M.N. Dastur School of Materials Science and Engineering
- School of Community Science and Technology

### Ph.D. Programmes

Doctoral programmes have been an integral part of the University since 1954. With the institute's upgradation to University status, these are being further strengthened with increase in number of Fellowships.

## UNIVERSITIES

### Funded Research

R&D activities in the institute are financed by different national and international agencies. The major funding agencies include AICTE, DST, CSIR, DRDO, INTEL, NASA-USA and World Bank to name a few. The institute has always contributed to community technology development. Innovative research works done in-house have already led to the procurement of several patents.

### Cutting edge research

Besides conventional fields, the University has brought many frontier areas of Science & Technology under the purview of its research activity in recent years, Some such areas are : VLSI and Embedded Systems. Nano science and Technology, Disaster Engineering, Cellular Automata, Bio-Mechanics, Fuel Cell Technology; Intelligent Motion Control etc.

### Highlights of the important activities and achievements during the year :-

a)	Information on Research Project	See Annexure - I
b)	Publications	441 no of papers published in National Journal. 595 no of papers published in International standard journals contributed by 62 nos of Professors, 68 nos of Asstt. Professors and 88 nos of Lecturers during Xth plan period. The University is a member of UGC Scheme of e- journal consortium INDONET implented by INFLIBNET (An IUC of UGC), Ahmedabad. Enhancement of quality of education is also intlated by introduction of teaching aids and use of e-learning facilities. University has already procured 39 learning resources comprises of 15 e-books and 24 multiusers software and tools.
c)	Patent earned	16 Nos during Xth Plan period. A number of Scientists have a lied for patent.
d)	Ph D awarded	CE- 1, Elect. -1, Mech -1, Met. -1, Min -2, CST -1, Met. Sc. -1, AM & DRG -3, Appl.Math. -1, Applied Chemistry -6 during (2006 -07) .Total no of Ph D

		<p>produced = 70 (2002 -07) out of which CE -7, EE -9, ME -5, Met. -9, Min -4, CST -11, Met. Sc. -1, AM &amp; DR -10, Appl. Math. -4, , Appl. Chem. -10</p> <p>Number of faculty members qualified to take Ph.D students = 144 out of which 126 nos are male and 18 nos are female.</p> <p>Number of slots available for the registering Ph.D students based on the capacity of the faculty for registering more Ph.D students -300 as on 03.01.07.</p> <p>Total no of Ph.D's registered in last 5 years = 196 2002 -2007.</p> <p>Total number of Ph.D's produced in the last 5 year Engineering &amp; Technology -56,</p> <p>Applied Science -14.</p>
--	--	--

## COLLABORATION WITH FOREIGN UNIVERSITIES

Initiation of collaborative research programmes with a few International Institutions are as follows :

- University of Toronto, Italy: Studies on Opto-electronics, Photonics and electronic properties of nano structured silicon.
- University of cambridge, UK & Helsinki University of Technology, Finland: Application of soft computing in Material Science & Engineering and creation of centre of Excellence.
- Abo Akademi University, Finland: Collaborative support on Ph. D research in the area of materials modeling.
- University of Windsor, Canada: Collaborative research on advance Automobile Engineering, Materials Engineering, Signals and control and creation of centre of excellence in Automobile Engineering.

## **UNIVERSITIES**

- University of New South Wales, Australia: Collaborative research and participation in the AISFR on the area of new generation nano composite.
- University of Ballart, Australia : Advanced manufacturing processes in mining machinery.

### **Bengal Engineering and Science University**

#### **Important programmes and achievements 2007-08**

- School of Material Science and Engineering organized “Annual Materials Meet 2007” on April 21, 2007 with the aim of bringing all the students and faculty members to share their experiences and motivate them for a prosperous and fruitful future of the school. It is resolved during the meet that a “Year Book” in the name of “Material Spectrum” highlighting the research activities of the School will be published every year.
- On the occasion of World Telecommunication Day, 2007, Dept. of ETC, organized second Professor S.S.Baral Memorial Lecture “ by Dr Shibani K.Koul, Professor, Centre for Advanced Research in Electronics, IIT Delhi during May 17,2007.
- BESU, CST inaugurates VIDEO CONFERENCE FACILITY CENTRE at A.K.Seal Hall, BESU, Shibpur on November 12, 2007 under the assistance of TEQIP.
- Acharya Jagadish Chandra Bose Memorial Lecture on Econophysics of Income and Wealth Distributions for Societies was organized by Dept. of Physics in association with School of Community Science and Technology BESUS, Shibpur during 30th November, 2007.
- Seminar on New Mining Initiatives for Sustainable Development was organized on 17th November 2007 by Dept. of Mining Engineering BESUS in association with Corporate Monitor, Kolkata.
- 15th West Bengal State Science and Technological Congress was jointly organized by Science and Technology Council and Department and Bengal Engineering and Science University, Shibpur during 28th and 29th February 2008.
- Bengal Engineering and Science University Women Studies and Research Cell and School of Community Science and Technology observed “International Women’s day” and inauguration of University Canteen maintained by Women Self help Group on 10th March, 2008.
- Second phase of the training under National Programme for Capacity Building of Engineers in Earthquake Risk Management on Monday March 24, 2008 was organized by Civil Engineering, Dept. of BESU.

**5.12 West Bengal State University (Barasat)**

The University has been established on 10th March, 2008 under the West Bengal Act XXVIII of 2007).

**5.13 Gour Banga University**

The University has been established on 10th March, 2008 under the Gour Banga University Act, 2007 (West Bengal Act XXVI of 2007).

**5.14 TOTAL NO OF POSTS SANCTIONED BY THE UGC FOR THE 10TH PLAN AND APPROVED BY THE STATE GOVERNMENT (SYNOPSIS)**

Institute	Prof.	Reader	Lecturer	Total
1. Calcutta University	-	-	1	1
2. Jadavpur University	1	-	17	18
3. Burdwan University	3	1	-	4
4. Kalyani University	1	2	4	7
5. Rabindra Bharati University	-	-	5	5
6. North Bengal University	-	3	7	10
7. Vidyasagar University	-	-	22	22
8. Bengal Engineering & Science University	-	2	2	4
<b>TOTAL</b>	<b>5</b>	<b>8</b>	<b>58</b>	<b>71</b>



## CHAPTER – 6

### OTHER UNIVERSITIES

- 6.1. *Other State aided Universities in West Bengal*
- 6.2. *Central Universities in West Bengal*
- 6.3. *Institutes of Importance*





## CHAPTER – 6

### OTHER UNIVERSITIES

#### 6.1 OTHER UNIVERSITIES IN WEST BENGAL

##### 6.1.1 BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252.

Ph. 033-2587-9772, 03473-222666, E-mail : [vcbckv@vsnl.net](mailto:vcbckv@vsnl.net)

The university established in 1974, has completed three decades of its existence as the pioneer institute of Agricultural Education, Research and Extension. The main objective of this Viswavidyalaya is to provide facilities for the study of Agriculture, Horticulture and Agricultural Engineering. It is also to conduct researches in these sciences and undertake the educational and extension programmes in agriculture among the rural clientele base, keeping in view the requirements of the state.

#### Allotment of Seats in different Under Graduate Courses

Course	Total Intake
B.Sc. (Agriculture ) Hons.	100
B.Sc. (Horticulture ) Hons.	20
B. Tech. (Agril. Engg)	20

##### 6.1.2 UTTAR BANGA KRISHI VISWAVIDYALAYA

P .O. Pundibari, Dist - Cooch Behar

West Bengal-736165 Ph. 03582-270141/249

The Uttar Banga Krishi Viswavidyalaya (UBKV) is a new-born Agricultural University in West Bengal. It has come into existence at Pundibari, 16 k.m. away from the Cooch Behar district head quarter on 1st February, 2001. Since 1979, an Educational and Research establishment had been operative at Pundibari under Bidhan Chandra Krishi Viswavidyalaya as a part of its constituent units. The University has been given responsibility for teaching, research and extension education in different branches of agriculture, horticulture, forestry , tea and allied science for creating qualified technical manpower and new technologies to the State Government in order to help the farmers towards increasing agricultural production and improving their economic conditions. The University has Regional Research Station/ Sub-stations at Kalimpong, Dalapchand, Pedong of Darjeeling district, Majhian of Dakshin Dinajpur district, Manikchak and Ratua of Malda district, Kharibari of Siliguri sub-division of Darjeeling district and at Pundibari of Cooch Behar district.

## OTHER UNIVERSITIES

Academic programmes in the University, both at U.G., P.G. and Doctoral levels are conducted here. Instructional programmes in the University are being operated under Faculty of Agriculture and Horticulture. Besides, there have also been provisions of conducting inter-institutional, inter-disciplinary postgraduate level instruction and advanced research under nine centres of advanced studies.

The Faculty of Agriculture comprises of ten Departments namely, Agronomy, Agril. Chemistry & Soil Science, Genetics & Plant Breeding, Agril. Statistics, Agril. Economics, Agril. Extension, Agril. Entomology, Plant Pathology, Plant Physiology and Biochemistry. The Faculty of Horticulture comprises of five Departments namely, Pomology and Post Harvest Technology, Vegetable & Spice Crops, Plantation Crops & Processing which includes Tea Science and Technology, Floriculture and Aromatic & Medicinal Plants and Forestry.

### 6.1.3 WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES

37 & 68, Khudiram Bose Sarani, Belgachia, Kolkata 700 037

Phone : 2556-5021

Date of establishment : 2-1-1995.

(Under the West Bengal University of Animal Science and Fishery Science Act, 1995)

The University is located in the old Bengal Veterinary College Campus on either side of Kudhiram Bose Sarani in Belgachia. The arching entrance looks imperial and successfully conveys the impression that the university is rich in history and tradition.

## FACULTIES

Faculty of Veterinary and Animal Sciences.

Faculty of Dairy Technology.

Faculty of Fishery Science.

Degree	Seats	Duration
(a) Bachelor of Veterinary Science (B.V. Sc. & A.H.)	102	5 years integrated course with 6 months internship training.
(b) M.V. Sc. & A.H.	108	2 years (course credit-system)
(c) Ph. D.	29	2 years (course credit-system)
(a) B. Tech. (D.T.)	31	4 years integrated course including 6 months in plant training.
(b) M. Tech. (D.T.)/M.Sc. (Dairy)	27	2 years (course credit system)
(c) Ph. D.	6	2 years (course credit system)
B. F. Sc.	31	4 years integrated course including 6 months farmhouse training.

**6.1.4 THE WEST BENGAL NATIONAL UNIVERSITY OF JURIDICAL SCIENCE**

Aranya Bhavan, 10A, LA Block, Sector III, Salt Lake City, Kolkata - 700098

Ph : 2335- 0534 / 7379

FAX : 033 - 2335 - 7422

The West Bengal National University of Juridical Sciences came into existence in August 1999 under Act IX of 1999 passed by the West Bengal Assembly. The University commenced its academic programmes from 1st June, 2000.

**Activities during the year :**

The National University of Juridical Sciences organized its very first Literary, Sporting and Cultural Festival. This fest, the culmination of almost two whole years of hard work, was one of the foremost agendas of this year's Executive Committee.

**Courses available**

Course	Eligibility criteria	Duration
B.A./B.Sc LL.B.(Hons.) Programme	Passed (10+2) in any stream with at least 50% marks in aggregate and 35% marks in English & other core subject	5 years.
LL.M. Programme	Passed LL.B. with 50% marks in aggregate	2 years
M.Phil Programme	Passed LL.M. with 50% marks in aggregate	1 year
Doctor of Philosophy Programme (PHD)	M. Phil degree in the same subject as the one in which the candidate proposes to pursue her/his doctoral research.	Maximum of 5 years
Doctor of Laws Programme (LL.D)	M.Phil Degree in Law from any recognized University or a LL.M degree from a recognized University along with ten years experience in teaching law in a University/College/Institution of national importance or a LL.M degree from a recognized University together with a Ph.D degree in a law-related subject.	Maximum of 7 years
Certificate Course on human Rights Law	(10+2+3) in any discipline from a recognized University,	45 days

**Note :** This University does not have any distant mode of education.

## **OTHER UNIVERSITIES**

### **Research Activities**

The Research Activities are mainly done in the field of Law, viz. Criminal Law, Business Law & International Law.

### **WTO AND THE THIRD WORLD**

The Centre had its second programme in February 2006 when along with the Society of international Law and Politics organized a seminar on "Revisiting the Third World Perspective on the Completion of a Decade Long Institutionalized World Trading System" at the University. Prof. Mrityunjoy Mohanty, Indian Institute of Management, Calcutta chaired the seminar, while Ms. Sheela Rai, Lecturer, West Bengal National University of Juridical Sciences and two students namely Mr. Siddharth Sinha and Mr. Rahul Chatterji presented papers.

### **6.1.5 THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES**

**DD-36, Sector-1, Salt Lake, Kolkata-700 064**

**Year of establishment : 2002**

**Phone No. 2321-5389, Fax : 2358-0100**

In pursuance of The West Bengal University of Health Sciences Act, 2002 (West Bengal Act XIII of 2002) this University was established in the year of 2002 and started functioning on the 1st Day of January, 2003 at DD-36, Sector-I, Salt Lake, Kolkata-700 064.

### **MISSION**

The State Government notified the establishment of the University for the purpose of affiliating, teaching, ensuring proper and systematic instruction, training in Modern system of Medicine, Homoeopathic system of Medicine, Ayurvedic system of Medicine, Unani system of Medicine, Nursing Education, Pharmacy Education, Dental Education, Education on Laboratory Technology, Physiotherapy, Speech Therapy and Education on other Paramedical courses. This University will act as a specialized autonomous institution with the objective to promote academic freedom, scholarship for teachers as well as for the students and to foster and develop an intellectual climate conducive to the pursuit of scholarship and excellence, either independently or jointly with other centers of excellence of higher learning.

### **JURISDICTION**

In terms of the provisions of the Act, all colleges, institutions and educational centres of Health Sciences in the State of West Bengal previously admitted to the privileges of or affiliated to the

University of Calcutta, the University of Burdwan, the University of North Bengal, the University of Kalyani, the Vidyasagar University, the Jadavpur University, the Rabindra Bharati University, the Viswa Bharati University or any other government recognized university, council or affiliating body, shall be deemed to be admitted to the privileges of or affiliated to this University with effect from the date so notified.

Accordingly all the medical colleges/institutions and the centres imparting courses relating to health sciences have been brought under one umbrella of this University. The undergraduate Medical/ Dental/Pharmacy/Nursing colleges have been included from the academic year 2003. The Post graduate Medical, Dental and Nursing courses and Post Doctoral Medical courses have also been brought under the privilege/affiliation of this University from the academic year 2004.

Moreover, all the colleges/institutions imparting Homoeopathic, Ayurvedic, Unani and paramedical courses have also been brought under the affiliation of this University from 2004 academic year. A full list of the institutions/colleges presently running under this University has been detailed later.

### **ADMISSION**

Admission to various University affiliated courses are conducted by the Joint Entrance Examinations or other Statutory Body of the Government of West Bengal for undergraduate courses i.e. M.B.B.S., B.D.S., B. Pharm, B.Sc. Nursing, B. Sc. Physiotherapy, BASLP, B.O.T., etc. The University conducts its own Examinations for admission in Postgraduate courses, Post Doctoral courses from the year 2004 i.e. MD/MS, PG Diploma, MDS, DM, M.Ch., M. Sc. Nursing, MD (Ayurved) etc. Rules for conducting Ph.D. on different Health Sciences subjects are also being framed shortly.

### **Academic and other activities during the year :**

1. The University has been conducting examinations for admission in Postgraduate degree/ Diploma course, MDS, M.Sc. Nursing, 6 years M.Ch. (Neuro-Surgery) and regular DM, M.Ch. courses and M.D. (Ayurveda) course.
2. The University has already successfully conducted 1st Professional M.B.B.S., 1st Year M.Sc. Nursing, 1st & 2nd Semester B. Pharm and other required examinations strictly following the time schedules.
3. The University has already formulated its own Rules, Regulations and Syllabus for M.B.B.S./ B.D.S./B. Pharm/B.Sc. Nursing courses. The Rules, Regulations and Syllabus for the remaining courses are under process which is expected to be settled shortly.

## OTHER UNIVERSITIES

4. The University is in search of big area nearby Salt Lake, to construct University Campus.
5. An APEX BODY for the University has been formed with the nominees of the Ministry of Health & F. W., Govt. of India, Medical Council of India, University Grants Commission and I.C.M.R., New Delhi. The 1st meeting of the Apex Body has also been held in the campus of the University.
6. The University has already conducted as many as 22 examinations in connection with different Health Sciences course and is prepared to conduct in the year 2006.
7. The University has already developed meaningful IT system for conducting its activities as and when required.
8. In fine, the University will always try to attain the highest standards of academic excellence by providing the physical infrastructure and creating an eclectic intellectual environment conducive to free flow of knowledge, ideas and meaningful exchange of information.

<b>List of Colleges affiliated with the University</b>			
<b>Sl. No.</b>	<b>Name of College / Institution</b>	<b>Subject</b>	<b>Intake Capacity</b>
1.	Medical College, Kolkata	M.B.B.S.	155
2.	NRS Medical College, Kolkata	-do-	150
3.	R. G. Kar Medical College, Kolkata	-do-	150
4.	Calcutta National Medical College, Kolkata	-do-	155
5.	Institute of Postgraduate Medical Education & Research, Kolkata	-do-	100
6.	Burdwan Medical College, Burdwan	-do-	100
7.	Midnapore Medical College, Midnapore	-do-	100
8.	Bankura Sammilani M. College, Bankura	-do-	100
9.	North Bengal Medical College, Darjeeling	-do-	100
			<b>Total : 1110</b>
<b>List of Post Graduate Institution :</b>			
1.	Institute of Post Graduate Medical Education & Research, Kolkata		
2.	Bangur Institute of Neurology, Kolkata		
3.	School of Tropical Medicine, Kolkata		
4.	Regional Institute of Ophthalmology, Kolkata		

CHAPTER - 6

5.	Chittaranjan Seva Sadan Sishu Sadan & College of Obst. & Gynae., Kolkata	
6.	Institute of Child Health, Kolkata	
7.	All India Institute of Hygiene & Public Health, Kolkata	
8.	Beliaghata ID & BG Hospital, Kolkata	
9.	Vivekananda Institute of Medical Sciences, Kolkata	
<b>Total Yearly Intake Capacity : 650</b>		
<b>Name of College / Institution</b>		
<b>Subject</b>		
<b>Intake Capacity</b>		
<b>List of Dental College :</b>		
Dr. R. Ahmed Dental College, Kolkata	BDS	50
North Bengal Dental College, Darjeeling	-do-	20
Gurunanak Institute of Dental College & Research, Panihati	-do-	100
Haldia Institute of Dental Science	-do-	100
<b>Total : 270</b>		
<b>List of B. Pharm College :</b>		
Institute of Pharmacy, Jalpaiguri	B. Pharm	60
<b>List of Nursing College (B. Sc.) :</b>		
W. B. Govt. College of Nursing	B. Sc. Nursing	30
B. M. Birla College of Nursing	-do-	20
<b>Total : 50</b>		
<b>List of Nursing College (M. Sc.) :</b>		
W. B. Govt. College of Nursing	M. Sc. Nursing	12
B. M. Birla College of Nursing	-do-	8
<b>Total : 20</b>		
<b>List of Physiotherapy College :</b>		
School of Physical Medicine, IPGME&R	B. Sc. Physiotherapy	30
National Inst. of Orthopaedically Handicapped, Kolkata	-do-	30
Nopany Institute of Healthcare Studies, Kolkata	-do-	30
MRCC College of Orthopaedics, Midnapore	-do-	40
Midnapore College of Physiotherapy	-do-	40
Durgapur Paramedical Institute	-do-	40



## OTHER UNIVERSITIES

College of Paramedical Sciences, Haldia	-do-	40
Ali Yabar Jung National Institute of Hearing Handicapped, Kolkata	B.A.S.L.P.	20
<b>Total :</b>		<b>270</b>
<b>List of Homoeopathy College :</b>		
Calcutta Homoeopathic Medical College & Hospital (GWB)	Homoeopathy	50
D. N. De Homoeopathic Medical College & Hospital (GWB)	-do-	50
Mahesh Bhattacherya Homoeopathic Medical College & Hospital (GWB)	-do-	50
Midnapore Homoeopathic Medical College & Hospital (GWB)	-do-	50
Metropolitan Homoeopathic Medical College & Hospital	-do-	50
National Institute of Homoeopathy	-do-	50
Pratap Chandra Memorial Homoeopathic Hospital & College	-do-	50
Netai Charan Chakraborty Homoeopathic Medical College & Hospital	-do-	50
Burdwan Homoeopathic Medical College & Hospital	-do-	50
Bengal Homoeopathic Medical College & Hospital	-do-	50
Kharagpur Homoeopathic Medical College & Hospital	-do-	50
Purulia Homoeopathic Medical College & Hospital	-do-	50
Birbhum Vivekananda Homoeopathic Medical College & Hospital	-do-	50
<b>Total :</b>		<b>650</b>

### List of Ayurvedic College :

1. Institute of Post Graduate Ayurvedic Education & Research, Kolkata
2. J. B. Roy State Ayurvedic Medical College & Hospital, Kolkata
3. Rajib Gandhi Memorial Ayurvedic Medical College & Hospital, Fingapara, 24-Pgs.

### List of Unani College :

1. Calcutta Unani Medical College.

**6.1.6 RAMKRISHNA MISSION VIVEKANANDA EDUCATION AND RESEARCH INSTITUTE  
(RKMVERI) (DEEMED UNIVERSITY)**

**(Deemed University under UGC Act)**

**P.O. Belur Math, Dt. Howrah, Pin – 711202,**

**Telefax : 033-26549999; Mobile : 98302-16636**

**E-mail : rkmveri@gmail.com, atmapriyananda@gmail.com**

Ramakrishna Mission Vivekananda Educational and Research Institute has been established as a self financing Deemed to be university, the first of its kind in West Bengal. This university under Ramakrishna Mission's aegis forms in a sense the actualization of Swami Vivekananda's vision about a university at Belur. Swami Vivekananda wanted a unique type of Educational Institute that would combine the best elements of the East and the West and impart such an education that would be character-building at the individual level and at the collective level help the enormous task of nation-building. The sincere efforts initiated by Ramakrishna Mission during Swami Vivekananda's birth centenary in 1963 culminated in the creation of a deemed university in 2005.

This new university bearing the name of Swami Vivekananda will focus on certain thrust areas which are generally the 'gap areas' in conventional universities in the country.

Some of these thrust areas are :

- (1) Disability Management and Special Education (that would train teachers to manage visually impaired, mentally retarded and hearing impaired children and adults through teacher-training courses and research),
- (2) Integrated Rural Development including Tribal Development (which would strive to achieve all round development for the rural and tribal people by imparting education in areas like integrated pest management, agro-based and appropriate bio-technology, etc.),
- (3) Disaster Management (including pre- and post-disaster management techniques),
- (4) Indian Cultural and Spiritual Heritage including Value Education (which would expose and sensitize our youth and adults to the eternal values enshrined in our heritage with a view to educating them in liberal, non- sectarian, non-dogmatic principles and doctrines conducive to peace, harmony, love, mutual respect and fellow-feeling).

While the central administrative office that would monitor and regulate the programmes will be situated in West Bengal at Belur Math in the district of Howrah, the university will operate and function in the matter of running the various courses etc through the different centres of Ramakrishna Mission spread over the country, all of them being under the regulatory control of Belur Math headquarters.

## **OTHER UNIVERSITIES**

In addition to the above, the university has initiated research programmes in certain non-conventional areas like Ramakrishna-Vivekananda philosophy, Translation Studies, Vedanta vis-a-vis modern science, etc on the one hand, and in hard core fundamental sciences like theoretical physics, pure mathematics and theoretical computer science on the other.

### **6.2 CENTRAL UNIVERSITIES IN WEST BENGAL**

#### **6.2.1 VISVA-BHARATI**

**Santiniketan, Dist.-Birbhum, Pin-731235**

**Year of establishment : 1951 (as a Central University)**

This institution was started by Maharshi Debendranath Tagore in the form of an 'ashrama' in 1863. Rabindranath Tagore started a 'Brahmacharya Ashrama' here in 1901. On December 23, 1921 Visva-Bharati became a registered public body with a constitution of its own. In May 1951 Visva-Bharati was declared to be a Central University and an Institution of National Importance. It conducts courses in arts, fine arts, science, agriculture, education, etc. It is also a centre for research on works and ideas of Rabindranath Tagore.

#### **CHARACTER**

A unitary teaching and residential university ;

Academic session—1 July to 30 June ;

Medium of instruction—Bengali (School). English (University) ;

Academic privileges to foreign students ;

Research fellowship programme for foreign students ;

Classes often held in open air ;

A centre for realising both the external and internal features of India and fusion of Oriental and Western cultures.

#### **CURRICULUM**

Originally a repudiation of the colonial system of education—an unconventional University with unconventional curriculum having joyful, artistic, creative expression in an environment of music, painting and dramatic performances in consonance with Nature.

## FACULTIES AND INSTITUTIONS

Vidya Bhavana (Institute of Humanities)  
Siksha Bhavana (Institute of Science)  
Kala Bhavana (Institute of Fine Arts)  
Sangeet Bhavana (Institute of Music, Dance and Drama)  
Rabindra Bhavana (Institute of Tagore Studies, Museums and Archives)  
Vinay Bhavana (Institute of Education)  
Palli Sangathana Vibhaga (Institute of Rural Reconstruction)  
Palli Siksha Bhavana (Institute of Agricultural Science)  
Patha Bhavana (Institute of Secondary Education)  
Siksha Satra (Institute of Secondary Education)  
Uttar Siksha Sadana (Institute for Higher Secondary Education)  
Siksha Charcha, (Primary Teacher's Training Centre)  
Agro-Economic Research Centre.

## VIDYA BHAVANA

B.A. (Hons.) – Three year.

Subjects : Ancient Indian History, Culture & Archaeology, Bengali, Economics, English, Geography, Hindi, History, Mathematics, Oriya, Philosophy, Comparative Religion and Sanskrit.  
Course in Tagore Studies (compulsory for all).

Chinese course — (Hons.) Four year.

M.A. — Two year.

Subjects : all B.A. (Hons.) Subjects, Chinese and Indo-Tibetan studies.

Two year Certificate Course

Subjects : Bengali, Santhali, Assamese, Oriya, Hindi, Tamil, Marathi ; Sanskrit, Pali, Arabic, Persian, Urdu, Chinese, Japanese, Tibetan, German, Russian, Italian and French.

One-Year Diploma Course

Subjects : Same as in Two-year certificate course.

One-Year Advanced Diploma Course

Subjects : Tibetan and Russian.

One-year Certificate Course for foreign casual students.

Ph.D. Programmes.

## **OTHER UNIVERSITIES**

### **SIKSHA BHAVANA**

B. Sc. (Hons)–Three year.

Subjects: Physics, Chemistry, Mathematics, Botany, Zoology and Bio-technology.

M.Sc. – Two year.

Subjects : all B.Sc. (Hons.) Subjects.

One-year Post-Graduate Diploma in Computer Science and Applications. Ph.D.

### **KALA BHAVANA**

Five-year U.G. Courses (B. Fine Arts Degree) in Painting, Sculpture, Design, Graphic Art and History of Art.

Five-Year Diploma Courses (Dip. in Fine Arts and Crafts) in Painting, Sculpture, Graphic Art or Design.

Two-year P.G. Courses (M. Fine Arts) in Painting, Sculpture, Graphic Art and History of Art.

Two-year P. G. Courses ( P.G. Dip.) in Painting, Sculpture and Graphic Art (Print making).

Two-year Certificate in Design.

One-year Foreign Casual Students' Course in Indian Art.

Ph.D.

### **SANGEET BHAVANA**

Four-year U. G. Courses (B. Mus. Degree) in Rabindra Sangeet, Dance, Hindusthani Classical Music (Vocal) and Hindusthani Classical Music (Instrumental).

Four-year Diploma Courses in Music and Dance, Rabindra Sangeet, Hindusthani Classical Musical (Vocal and Instrumental).

Two- year P. G. Courses (M. Mus. Degree) in the same subjects as in (i).

Four-year Senior Certificate Courses in the same subjects as in (i).

Two- year part-time Courses in Hindusthani Classical (Vocal/Instrumental), Rabindra Sangeet, Manipuri Dance and Kathakali Dance.

One-year Foreign Student's course in the same subjects as in (i).

### **RABINDRA BHAVANA**

Treasure-house of manuscripts of Rabindranath Tagore ; Papers of Tagore family ; a collection of Paintings and Sketches by the poet and a few others; a research centre for Tagore Studies.

### **VINAY BHAVANA**

A Teachers' Training Centre.

B.Ed.-One year.

M.Ed.-One year.

Ph.D.

Extension service.

### **PALLI SIKSHA BHAVANA**

B. Sc. (Ag.) in Agricultural Sciences – 4 year.

M. Sc. (Ag.) in Agricultural Sciences – 2 year.

Ph.D.

### **PALLI SANGATHANA VIBHAGA**

B.S. W. – Three year.

M.S.W. – Two year.

Ph. D.

## **6.2.2 IGNOU (Indira Gandhi National Open University)**

### **6.2.2.1 A NEW CONCEPT**

The concept of an open University is an important innovation of the last century. It aims to bring about revolutionary changes in the system of learning through DISTANCE EDUCATION.

The first open University ('The Open University') was established in England in 1969.

IGNOU was established by an Act of Parliament in 1985 to achieve the following objectives :

- To democratise higher education by taking it to the doorsteps of the students.
- To provide access to high quality education to all those who seek it irrespective of age, religion or formal qualification.
- To offer need-based academic programmes by giving professional and vocational orientation to the courses.
- To promote and develop DISTANCE EDUCATION.
- To set and maintain standards in DISTANCE EDUCATION in the country as an apex body.

## **OTHER UNIVERSITIES**

### **6.2.2.2 DISTANCE EDUCATION AND OPEN LEARNING**

Distance Education is often confused with Correspondence Education. The distinction between Correspondence Education and Distance Education lies in their aims, methods and orientation. Correspondence Education is an extension of conventional education. Distance Education aims at varied goals. These include personal growth, training for better job prospects and job enhancement, a change in attitude, etc., in addition to imparting knowledge. Distance Education allows learning at one's own pace and offers easy entry and exit points. It makes life-long learning a reality. Distance Education employs a multimedia learning package. It is characterised essentially by the advanced learning strategies effected by modern communication technology. Correspondence Education, on the other hand, depends mostly on printed materials distributed by post.

### **6.2.2.3 GOVERNANCE**

The President of India is the Visitor of the University. The authorities of the University include the Board of Management, Academic Council, Planning Board, Finance Committee, etc.

### **6.2.2.4 INSTRUCTIONAL SYSTEM**

The University follows the multimedia approach in imparting instruction. It comprises :

- Self-instructional printed course material packages.
- Assignments for assessment and feedback.
- Supporting audio-video programmes.
- Face-to-face interaction between the student and Academic Counsellors at Study Centres and Work Centres.
- Practicals at designated Institutions.
- Project Work in some programmes.
- Work related field project/functional assignments as per programme requirements.
- Telecast of video programmes on Doordarshan.
- Broadcast of audio programmes by All India Radio (Select Stations)
- Interactive Satellite Aided Communication Network (Teleconferencing)

### **6.2.2.5 STUDENT SUPPORT SERVICES**

Support services are provided through a network of Study Centres scattered all over the country. Study Centres are the actual focal points where the learners receive regular information and learning support. Each Study Centre is provided with library, audio and video facilities for the students.

Senior and experienced academics and professionals are engaged in face-to-face counselling to further help them in the learning process. The Study Centres are generally located in existing educational institutions and normally function on holidays and Sundays and in the evening on working days. Each Study Centre is manned by part-time staff drawn from the host institution. To co-ordinate the functioning of Study Centres IGNOU has set up 19 Regional Centres in different parts of the country.

The IGNOU Regional Centre, Calcutta looks after the activities of the University in West Bengal. A list of Study Centres under Calcutta is given in the Appendix.

### 6.2.2.6 EVALUATION SYSTEM

IGNOU has a three-tier system of evaluation

(I) *Check Your Progress (self-assessment)* :

This is provided in study materials and is meant for self-assessment.

(II) *Assignments (continuous internal assessment)* :

This carries a weightage of 25% to 30%. There are two types of assignments.

- Computer Marked Assignment (CMA) and
- Tutor Marked Assignment (TMA). TMAs submitted at the Study Centre are returned to the students after evaluation with comments.

(III) *Term-End Examination (TEE)* :

This is the major component in the assessment as 70% to 75% weightage is given. University holds Term-End Examination twice a year (JUNE & DECEMBER).

### 6.2.2.7 STRIKING CHARACTERISTICS

- Relaxed entry regulations.
- Study according to one's pace and convenience.
- Flexibility in choosing the combination of courses from a wide range of disciplines.
- Study from one's own chosen place (during the course of study a student can change the opted Study Centre to any Centre anywhere in India except for certain exceptional cases).
- One may sit for Term-End Examinations generally anywhere in India and some select Centres abroad.
- Learners may also pursue their study in any other University while being a student of IGNOU.
- Cost effectiveness.



## **OTHER UNIVERSITIES**

### **6.2.2.8 RECOGNITION**

IGNOU is a Central University under the Ministry of Human Resources Development, Govt. of India. The Degrees, Diplomas, Certificates awarded by IGNOU are recognised by the Association of Indian Universities (AIU) and are at par with Degrees/Diplomas/Certificates of all Indian Universities/Deemed Universities/Institutions vide UGC Circular No : F1-8/92 (CPP) dated February, 1992.

The Directorate of Employment, Govt. of West Bengal has recognised the degrees/diplomas of IGNOU to be at par with the same of other Universities of the country in the matter of providing employment.

The Deptt. of School Education, H.S. Branch, Govt. of West Bengal has issued an Order No.187-SE(HS)/10M-3/97 dated 22nd August, 1997 by strength of which degrees/diplomas offered by IGNOU are acceptable for the purpose of further studies of teachers' training and employment in Schools of West Bengal.

## **6.3 INSTITUTES OF IMPORTANCE**

### **6.3.1 INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, MIDNAPORE**

**Main Campus at Kharagpur,**

**Dist. West Midnapore, Pin-721302**

IIT, Kharagpur, is the first of the chain of five IITs, established after Independence to produce scientists and technologists of the highest calibre and to provide leadership in the field of technological education and research. The other IITs as Institutes of National Importance, are situated in Delhi, Bombay, Madras, Kanpur and Guwahati. IIT Kharagpur conducts programmes leading to B.Tech (Hons.) B. Arch. (Hons) integrated M.Sc., Dual Degree, M.Tech MCP, MBM, MMST, MS Degrees and Ph.D. degrees. The Institute also offers PG Diploma Programmes in Information Technology (PGDIT), Maritime Operation and Management (PGDMOM) and Business Management (PGDBM), at its extension Centres at Kolkata and Bhubaneswar, besides STEP, IIT KHARAGPUR using distance-cum-contact (Hybrid) mode of instruction.

## NO. OF DEPARTMENT / CENTRES / SCHOOLS — 28

No. of Department / Centre / School offering the course	Course	Duration
16	(i) B. Tech. (Hons.)	8 Semester
01	(ii) B. Arch. (Hons.)	10 Semester
05	(iii) Integrated M. Sc.	10 Semester
05	(iv) M. Sc. (2 – Year)	04 Semester
15	(v) Dual Degree (leading to B. Tech. & M. Tech Degrees)	10 Semester
28	(vi) M. Tech. / MCP / MBM / MS	04 Semester
01	(vii) Medical Science & Technology (MMST)	06 Semester
02	(viii) Post Graduate Diploma in Information Technology (PGDIT), Post Graduate Diploma in Maritime Operation and Management (PGDMOM)	02 Semester
01	(ix) Post Graduate Diploma in Business Management (PGDBM)	04 Semester
28	(x) Doctor of Philosophy (Ph. D)	16 Semester

## OTHER UNIVERSITIES

### COURSES

Department / Centre	B. Tech.	M. Tech. / M. S. / Ph. D.
Aerospace Engineering	Aerospace Engineering	Aerospace Engineering
Agricultural & Food Engg.	Agricultural & Food Engg.	<ul style="list-style-type: none"> <li>● Farm Machinery &amp; Power</li> <li>● Soil &amp; Water Conservation Engg.</li> <li>● Dairy &amp; Food Engineering</li> <li>● Applied Botany</li> <li>● Water Resource Development &amp; Management</li> <li>● Aquacultural Engineering</li> <li>● Agricultural Systems &amp; Management</li> <li>● Post Harvest Engg.</li> </ul>
Architecture & Regional Planning	Architecture	<ul style="list-style-type: none"> <li>● City Planning</li> </ul>
Chemical Engineering	Chemical Engineering	<ul style="list-style-type: none"> <li>● Chemical Engineering</li> </ul>
Bio-technology	Bio-technology & Biochemical & Engineering	<ul style="list-style-type: none"> <li>● Biotechnology &amp; Biochemical Engineering</li> </ul>
Chemistry	Industrial Chemistry (M. Sc.) Chemistry (M. Sc. - 2 Year)	<ul style="list-style-type: none"> <li>● Chemistry</li> <li>● Chemistry</li> </ul>
Civil Engineering	Civil Engineering <ul style="list-style-type: none"> <li>● Structural Engg.</li> </ul>	<ul style="list-style-type: none"> <li>● Water Resource Engineering</li> <li>● Transportation Engineering</li> <li>● Environmental Engineering &amp; Management</li> <li>● Geotechnical Engineering</li> <li>● Structural Engineering</li> </ul>
Cryogenic Engineering	—	<ul style="list-style-type: none"> <li>● Cryogenic Engineering</li> </ul>
Computer Science & Engineering	Computer Science & Engineering <ul style="list-style-type: none"> <li>● Computer Science &amp; Information Technology</li> </ul>	<ul style="list-style-type: none"> <li>● Computer Science &amp; Engineering</li> </ul>
Electrical Engineering	Electrical Engineering <ul style="list-style-type: none"> <li>● Instrumentation Engineering</li> </ul>	<ul style="list-style-type: none"> <li>● Machine Drives &amp; Power Electronics</li> <li>● Control System Engineering</li> <li>● Power System Engineering</li> <li>● Instrumentation</li> </ul>
	Energy Engineering	
	Instrumentation Engineering	

Electronics & Electrical Communication Engineering	Electronics & Electrical Communication Engineering ● Automation and Computer Vision	<ul style="list-style-type: none"> <li>● Automation and Computer Vision</li> <li>● Computer Engineering</li> <li>● Fibre Optics &amp; Lightwave Engineering</li> <li>● Microelectronics and VLSI Design</li> <li>● Radio Frequency and Microwave Engg.</li> <li>● Telecommunication Systems Engg.</li> </ul>
Humanities & Social Science	—	<ul style="list-style-type: none"> <li>● Human Resource Dev. &amp; Management</li> </ul>
Industrial Engineering & Management	Industrial Engineering ● Industrial Engineering & Management	<ul style="list-style-type: none"> <li>● Industrial Engineering &amp; Management</li> </ul>
Materials Science	—	<ul style="list-style-type: none"> <li>● Materials Science &amp; Engineering</li> </ul>
Geology & Geophysics	Exploration Geophysics (M. Sc.) Geological Sciences (M. Sc. - 2 Year) Applied Geology (M.Sc.) Geophysics (M. Sc. - 2 Year)	<ul style="list-style-type: none"> <li>● Earth &amp; Environmental Sciences</li> </ul>
Mathematics	Mathematics & Computing (M.Sc.) Mathematics (M. Sc.- 2 Year)	<ul style="list-style-type: none"> <li>● Computer Science &amp; Data Processing</li> </ul>
Mechanical Engineering	Mechanical Engineering ● Manufacturing System and Engg. ● Thermal, Energy & Environmental Engg. Manufacturing Sc. & Engg. ● Industrial Engineering and Management	<ul style="list-style-type: none"> <li>● Manufacturing Process Engineering</li> <li>● Thermal, Energy &amp; Environmental Engg.</li> <li>● Mechanical Systems Design</li> <li>● Manufacturing Systems Engineering</li> <li>● Mechanical Handling &amp; Automation</li> <li>● Precision &amp; Quality Engineering</li> <li>● Mechanical Systems, Dynamics and Control</li> </ul>

## OTHER UNIVERSITIES

Metallurgical & Material Engg.	Metallurgical & Material Engg. ● Metallurgical Engineering	● Metallurgical & Material Engineering
Mining Engineering	Mining Engineering	● Mining Engineering
Ocean Engg. & Naval Architecture	Ocean Engg. & Naval Architecture ● Ocean Engineering	● Ocean Engg. & Naval Architecture ● Maritime Operation and Management
Physics & Meteorology	● Physics (M.Sc.) ● Physics (M.Sc.-2 Year)	● Atmospheric Science & Technology ● Solid State Technology
Rubber Technology	—	● Rubber Technology
Rural Development	—	● Research Programmes
Centre for Educational Technology	—	● Research Programmes
Post Harvest Technology Centre	—	—
Reliability Engineering Centre	—	● Reliability Engineering
School of Medical Science and Technology	—	● Medical Science and Technology ● Research Programmes
School of Information Technology	—	● Information Technology ● MS and Research Programmes
Vinod Gupta School of Management	—	● Business Management ● Research Programmes
G. S. Sanyal School of Telecommunication	—	● MS and Research Programmes

**SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, IIT KHARAGPUR****SRIC Activities :**

- Sponsored R & D Projects
- Consultancy Projects
- Institute-industry interaction
- Foreign Collaboration
- MOUs / Turn-Key Projects
- IPR and Technology Transfer
- Seminars / Conference / Workshops

**ON GOING PROJECTS (Last Five Years)**

	<b>Number</b>	<b>Values (Rs. In Crores)</b>
Sponsored	452	129.98
Consultancy	696	93.48
TOTAL	1148	223.46

**6.3.2 NATIONAL INSTITUTE OF TECHNOLOGY****Durgapur**

The Regional Engineering College, Durgapur, predecessor of National Institute of Technology, was established by an Act of Parliament in 1970 as one of the eight such colleges aimed to function as a pace setter for engineering education in the country and to foster national integration. It was a joint venture of the Govt. of India and Govt. of West Bengal and was administered by an autonomous Board of Governors.

By virtue of the policy decision the Ministry of Human Resource Development, Govt of India, Regional Engineering College, Durgapur has been upgraded to National Institute of Technology along with a few other Regional Engineering colleges in the country from 2003-2004. Entire financial responsibilities for the maintenance of National Institute of Technology, Durgapur has been taken over by M.H.R.D., Govt. of India and admission to the courses run by the institute are now through A.I.E.E.E.

## OTHER UNIVERSITIES

### COURSES CONDUCTED AT N.I.T., DURGAPUR

#### Undergraduate Courses :

	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	Total
Chemical Engineering	30											30
Civil Engineering	30											30
Computer Science & Engineering	30						30					60
Electrical Engineering	60											60
Electronics & Communication Engineering	30						30					60
Information Technology							60					60
Mechanical Engineering	90											90
Metallurgical Engineering	40											40
Institution Total (Year wise)	310						120					430

The Institute offers courses of study leading to a M.Tech. Degree in the following disciplines:

Discipline	Sanctioned Intake	N.I.T. (DU - Status)
Chemical Engineering	15	
Civil Engineering (Structural Engg.)	15	
Computer Science & Engineering (Information Technology)	18	
Elec. & Comm. Engg. (Telecommunication Engg.)	18	
Electrical Engineering (Industrial Electrical System)	15	
Mechanical Engineering (Design & Production Engineering)	15	
Metallurgical Engineering (Physical Megtallurgy)	19	
Master of Business Admn. (MBA)	60	
Master of Computer Application (MCA)	60	

**6.3.3 INDIAN STATISTICAL INSTITUTE**

203, B. T. Road, Kolkata-700 035.

The Indian Statistical Institute is one of the leading academic institutions in the world. It has a long and proud tradition of excellence in training, teaching and research in a number of academic disciplines including statistics, mathematics, computer science, economics, biology, geology, physics and social science. It attracts some of the brightest minds from all over India, and its alumni have made outstanding contributions to academics, governance and industry.

**ACADEMIC PROGRAMMES****DEGREE :**

Programme	Duration	Venue
B.Stat.(Hons.)	3 years	Kolkata
B. Math (Hons.)	3 years	Bangalore
M. Stat. (S-stream N-stream)	2 years	Kolkata, Delhi, Bangalore
M. Math	2 years	Kolkata*, Bangalore
M.S. in Quantitative Economics	2 years	Kolkata, Delhi*
M. Tech. in Computer Science	2 years	Kolkata
M. Tech. in Quality, Reliability and Operations Research	2 years	Kolkata

\* These courses are not being offered in the indicated Centres during the academic year 2005-2006.

**DIPLOMA :**

Programme	Duration	Venue
Certificate/Diploma course in Computer Programming & Application	1+1 years	Kolkata
Part-time Certificate/Diploma course in SQC and OR	1+1 years	Mumbai, Chennai



## OTHER UNIVERSITIES

### CERTIFICATE :

Programme	Duration	Venue
Part-time course in Statistical Method and Applications	1 year	Kolkata, Delhi, Hyderabad
Part-time course in SQC	6 months	Bangalore, Hyderabad
Intensive course in Programming and Application of Electronic Computers	10 weeks	Kolkata

### 6.3.4 INDIAN INSTITUTE OF MANAGEMENT (IIM) - KOLKATA

Diamond Harbour Road, Joka-700104

Kolkata (Calcutta), West Bengal, India

Phone: 91-33-2467-8300/8301/8302

Fax : 91-33-2282-1498

Website : <http://www.iimcal.ac.in>

The Indian Institute of Management, Calcutta was established in 1961 - India's first national institute of management for post-graduate studies and research in management. Established in collaboration with the Alfred P Sloan School of Management, Ford Foundation, the Indian business community, the Government of India and the Government of West Bengal, a substantial part of the annual capital and revenue expenses of the Institute are provided for by the Government of India.

### FACTS

- IIM Calcutta started functioning from Emerald Bower, Barrackpur Trunk Road. In those days the Institute was endowed with such eminent academicians as Douglas McGregor, Miles Kennedy, Ravi Mathai, Ashok Mitra, Barun De, Kamini Adhikary, Eshwar Dayal, Warren Bennis, Jati K. Sengupta & Gouranga Chattopadhyay.
- In 1975, The institute moved to its own sprawling 135-acre campus at Joka, on the outskirts of Calcutta.

The foundation stone of the Joka campus was laid by Sri Morarji Desai, the then Dy. Prime Minister of India on Dec 15, 1968. The Institute moved to its present campus in 1975.

## CURRICULUM

- IIMC offers a wide range of courses for the aspiring business graduate to choose from. Apart from the **Postgraduate Diploma in Management(PGDM)**, a course ranked among the top 10 in Asia, IIMC was the first in the country to introduce a **Postgraduate Diploma In Computer Aided Management(PGDCM)** to cater to the burgeoning specific managerial need of the IT industry. For those seeking a research oriented education, IIMC offers the **Fellow Programme**.
- IIMC also offers a part time **Postgraduate Diploma in Business Management(PGDBM)** for working managers with relevant work experience. In addition to numerous consultancy services, IIMC also offers the industry an opportunity to utilise its extensive resources for managerial training and development through the numerous Management Development Programmes(MDP) that IIMC conducts regularly.
- **Postgraduate Diploma in Management, IIM Calcutta**  
The course enjoys a two-tier structure. The first year is committed to developing business fundamentals through compulsory courses spanning the areas of economics, finance, marketing, operations, systems and behavioural sciences. The second year offers a slew of optional.
- **Postgraduate Diploma in Computer-Aided Management, IIM Calcutta**  
Hundreds of dot coms get registered from India every year. Recognising the need for a specialised course that can make an individual the manager, the entrepreneur with the e-touch, the PGDCM course at IIM Calcutta is already in its 6th year. The focus is on IT, clearly. The course does not compromise on any of the fundamentals of the classical PGDM program. The electives and the core courses are designed to make students all ready to tackle on challenges in the area of information technology.
- **Fellow Programme, IIM Calcutta**  
The Fellow Programme of the Indian Institute of Management Calcutta is a full-time doctoral level programme in different fields of Management as well as in various disciplines and areas related to Management.
- **Postgraduate Diploma in Business Management, IIM Calcutta**  
Through an upgradation of its earlier 2-Year Evening Postgraduate Certificate Programme in General Management (PGCGM) offered since 1981, IIMC launched this 3-Year Part Time

## **OTHER UNIVERSITIES**

Evening Postgraduate Diploma in Business Management (PGDBM) Programme in 1994 as one of its major initiatives. The PGDBM Programme is recognised by the All India Council of Technical Education (AICTE) and enjoys equivalence to an MBA degree of Indian Universities.

The Institute's concern for conducting this Evening Programme in Business Management emerged from the appreciation of a responsibility to offer a quality management education to the young practising and in-service executives of organisations in and around Calcutta.

Through this programme, IIMC facilitates a process for the students to integrate their real-life work experiences with the conceptual and analytical foundations and development in management disciplines. The focus of this Programme is to inculcate among the students such perceptions, knowledge, skills and abilities that would enable them to become effective managers in the modern business processes and to assume higher levels of managerial responsibilities.

- **MANAGEMENT DEVELOPMENT PROGRAMMES, IIM-C**

MDPs are short-term residential courses for senior management personnel. People eligible to apply for the MDPs are General Managers and Heads of Marketing/Strategic Business Unit Heads / Senior and Middle level managers in Sales, Product and Brand Management and Corporate Planning. The teaching method will be participative, using case studies, group exercises and concept discussions.

The programme seeks to address the corporate need by developing strategic managers. It would enhance the strategic thinking, i.e. cross functional, holistic, and future oriented thinking ability of the participants in relation to the overall corporate objectives and the emerging company environment. By attending the programme participants will be equipped with various concepts, tools, and techniques to think and act strategically in a highly dynamic environment working at any level and at any function in the organisation. Management Development Programmes organised by IIM-Calcutta include:

**MDP on Future Markets**

**MDP on The Strategic Management**

**MDP on Strategic Analysis, Planning and Posture**

**MDP on Total Productive Maintenance**

**MDP on Ethics in Business**

**MDP on Supply Chain Management**

- **ADVANCED MANAGEMENT PROGRAMME**

Indian Institute of Management Calcutta has a long tradition of offering the prestigious Advanced Management Programme (AMP) for senior executives of Public Sector Enterprises in collaboration with the Department of Public Enterprises (DPE), Ministry of Industry, Government of India. For more than a decade, a large number of senior managers have benefited from participating in this programme. Since last year the institute has opened up the programme to senior decision-makers of the Public as well as the Private sector.

### 6.3.5 SAHA INSTITUTE OF NUCLEAR PHYSICS

**BL-AF, Sector I, Salt Lake, Kolkata-91 (Phone : 2350-2344/2337-0379)**

Saha Institute was established in 1951 in memory of Late Dr. Meghnad Saha, one of the greatest Indian Scientists.

Major areas of research :

High energy Physics: Quantum field theory, Standard model and beyond, string theory, Cosmology and early universe. Phenomenology of heavy hadron physics. Plasma physics: Experimental research with Tokamak, Condensed matter Physics : High-Tc super conductors thin films, magnetic properties of solids, NMR studies, surface Physics :

Crystallography and Molecular Biology study of protein Molecules.

### 6.3.6 ASIATIC SOCIETY

**Park Street, Kolkata (Phone : 2229-0779)**

The Asiatic Society, Calcutta was founded in 1784 by Sir William Jones (1746-1794), eminent Indologist, with the objective of inquiring into the history, science, arts and literature of Asia. This institution proved to be the inspiration behind all literary and scientific activities in the country. Three main activities of the Society concerning the scientific pursuit of the knowledge are (i) Library services (ii) Academic activities and (iii) Publications.

#### **Library :**

The Library of the Asiatic Society is one of oldest learned institutions in Asia. The holding numbering more than 2,50,000 volumes comprises, among others, a vast treasure of rare books, journals and other printed materials on Asiatic Arts and Sciences. A vast collection of old volumes of journals are preserved at the Metcalfe Hall at 12 Strand Road, Kolkata. Exhibition and display of books in connection with seminars are regular activities of the Library.

## **OTHER UNIVERSITIES**

Resource sharing with other Institutions :

The following deserve special mention :

1. INSDOC
2. Indian Association for Cultivation of Science.
3. State Gazetteers office, Govt. of West Bengal.
4. Paschim Banga Bangla Academy.
5. National Council of Science Museum.
6. National Library.
7. Bangiya Sahitya Parisad.
8. Indian Museum.

### **Museum Section**

The Museum of the Society possesses the priceless and unique collection of Manuscripts and Archival documents both in English and Russian, Rare printed Books, Lithographs, Paintings, Busts, Photograph-print, Coins, and Copper-Plate-Inscriptions etc.

### **Publications**

During the year 3 publications have been performed with two awaiting publication.

### **Exhibition**

Several exhibitions of Rare Illuminated Manuscripts & other materials were organized in the Museum of the Society on the occasion of Visit of different distinguished visitors.

### **Visitors**

639 Indian and 63 Foreign visitors from different countries of the world visited the Museum.

### **Reprography Section**

The Reprography Section of the Society, is dealing to the work of making Xerox copies from Books for Reader Service and supplied to various Readers/Scholars of India and Abroad, and documents for official purpose.

### **Conservation Section**

The Conservation Laboratory meant for the preservation and restoration of the Library and Museum materials has performed the following tasks in preserving and restoring manuscripts, rare books and other objects kept in the Museum and Library of the Society.

### **Publication Section**

The Asiatic Society is known to the world of learning mostly because of its publications of high academic standard. The Society has been publishing original and outstanding books periodicals and Booklets which have been able to draw the attention of academic world.

### **Academic Section**

Research works of Fellows with Scholar Supervisors for different projects including outside projects sponsored by the Society deserve mention. Lectures, Seminar, Symposia, Workshops and Training Programme were also held by the Society as a significant part of its academic activities.

### **6.3.7 BOSE INSTITUTE**

**P1/12, Acharya Prafulla Chandra Road, Kolkata-700 009**

The Bose Institute was founded by Acharya Sir Jagadish Chandra Bose in 1917 for the advancement of science and dissemination of knowledge. The Institute has served the nation for the past 85 years through its pursuit of advancement of knowledge in science and technology. There are departments of Biochemistry, Biophysics, Botany, Microbiology, Chemistry and Physics and the research sections on Animal Physiology, Environmental Science, Immunotechnology and Plant Molecular & Cellular Genetics. In addition, there are support and service centres like RSIC, DIC, Library, Workshop etc.

### **Research Activities**

The research programmes of the Biochemistry Department include studies for the basic understanding of gene expression in plants and bacteria, plant and animal biotechnology, yeast and parasite molecular biology, structure-activity relationship proteins and structural biology.

The major theme of the Biophysics Department is structure, function and dynamics of biomolecules. The research interests are mainly focused on proteins, nucleic acids and small pharmacologically active compounds.

The major research goal of Botany Department established in 1917 is to improve crop productivity using conventional and modern techniques, where genes with elite characters particularly those endowed with biotic and abiotic stress tolerance are identified and located in wild relatives, with an objective to incorporate those in cultigens of rice, Brassica, Beta and Chenopodium using breeding, tissue culture and genetic engineering techniques.

## **OTHER UNIVERSITIES**

The programmes of the Chemistry Department are centred around studies on biomolecules. The major objective is to understand the chemical and biochemical nature of these molecules and gain information about their roles in biological processes.

The research activities of the Microbiology Department address mainly the problems in the areas of parasitic and bacterial infections, drug design, detoxification, plant-microbe and mineral-microbe interactions.

The Physics Department is one of the oldest departments in the Institute, as the founder himself was a physicist. The main objective of this department is to improve our understanding of the basic laws of nature, in the realm of both macro and micro worlds.

The Research Section on Animal Physiology was established in 1930 with the objective of understanding basic amphibian, piscine and invertebrate physiology, reproductive physiology, drug research and nutrition.

The section on Environmental Sciences created in 1992 mainly deals with studies on Air, Noise, Water, Land and Biological environment and provide consultancy services to Industries. The section extends consultancy work on Quality Control, Monitoring and Control and Environmental Pollution at the local and national level.

The Immunotechnology section was created in 1992. Newly introduced programmes include an effort to understand phage induced modifications and inactivation of host aminoacyl tRNA synthetase, and a study of white spot syndrome associated baculovirus affecting shrimp aquaculture in India.

The Plant Molecular & Cellular Genetics section was established in 1989 with the objective of studying basic and applied aspects of plant processes through modern molecular approaches.

### **6.3.8 INDIAN INSTITUTE OF CHEMICAL BIOLOGY**

**4, Raja S. C. Mullick Road, Kolkata-700 032**

**(Established in the year 1935)**

The Indian Institute of Chemical Biology has always focussed basic research in Bio-Medical science. Over the years, it has endeavoured to attain excellence in basic biological research and to focus attention on applied research.

**MAIN AREAS OF ACTIVITY :**

Leishmaniasis, Vibrio Cholerae, Developmental Neurobiology and Neurological Disorders, Cell Biology, Reproductive Biology, Chemistry of Bio-active Substances, Immunobiology and Immunochemistry, Protein Engineering and Structural Biology, Bio-technology, Theoretical Biology and Modelling of Bio-systems, Drug Designing and Molecular modelling.

**AIMS AND OBJECTIVES**

- Understanding the molecular basis of pathogenicity of parasitic and bacterial diseases of national importance. Development of early diagnostic methods and immunoprophylactic measures.
- Investigation of the role of thyroid hormones in brain development. Mechanisms of genesis of the features of Parkinson's disease and clinical studies of early diagnosis of the disease as also monitoring of drug therapy.
- Identification and characterization of bioactive materials from natural sources synthesis of new molecules and exploration of their usefulness as potential drugs.
- Mapping of small genomes and sequencing.
- Studies on human genetics of the Indian subcontinent. Identification of disease genes and gene therapy.
- Development of radiopharmaceuticals for diagnosis of different functional disorders.
- Development of diagnostic kits for determination of hormonal disorders.
- Understanding the molecular mechanisms of cellular regulation in gastric hyperacidity and ulceration, muscular dystrophy and related abnormalities.

**6.3.9 SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES**

**Block JD, Sector III, Salt Lake, Kolkata - 700 091.**

The Satyendra Nath Bose National Centre For Basic Sciences was established in 1986 to foster the growth of advanced studies in selected branches of basic sciences and to conduct original researches in theoretical and mathematical sciences and other basic sciences in frontier areas including challenging theoretical studies of future application and to train young scientists for basic researches.



## **OTHER UNIVERSITIES**

### **Main Programmes are :**

Theoretical Physics, Applied Mathematics, Mathematical Modeling and Theoretical Chemistry. This centre has been maintaining an excellent standard in research activities, conducting various seminars and collaborating programmes with different universities in and outside the country.

Some of the research projects undertaken :

Electronic structure of random alloys, Nuclear Fission and Nuclear structure calculation, Probing the foundation of Quantum Theory, High-Tc Super conductors-effects of radiation damage, Liquid Crystals, Statistical mechanics-theory of sand piles and aggregates.

## **CHAPTER – 7**

### **COLLEGES**

- 7.1 *General Information on Govt. and Non-Govt. Colleges***
- 7.2 *Games and Sports in Colleges***
- 7.3 *Hostel Facilities in Colleges***
- 7.4 *Some Salient Features of Colleges***



## CHAPTER – 7

### COLLEGES

#### 7.1 GENERAL INFORMATION ON GOVERNMENT AND NON-GOVERNMENT COLLEGES:

There are, different categories of Colleges in West Bengal, like Govt. colleges, non Govt. colleges under pay packet scheme and private self financing colleges, under the ambit of the Higher Education Department. They include General Degree Colleges and professional colleges like Law Colleges, Teachers' Training Colleges, Management colleges and Engineering & Technological Colleges etc. Districtwise distribution of various category of colleges has been shown here.

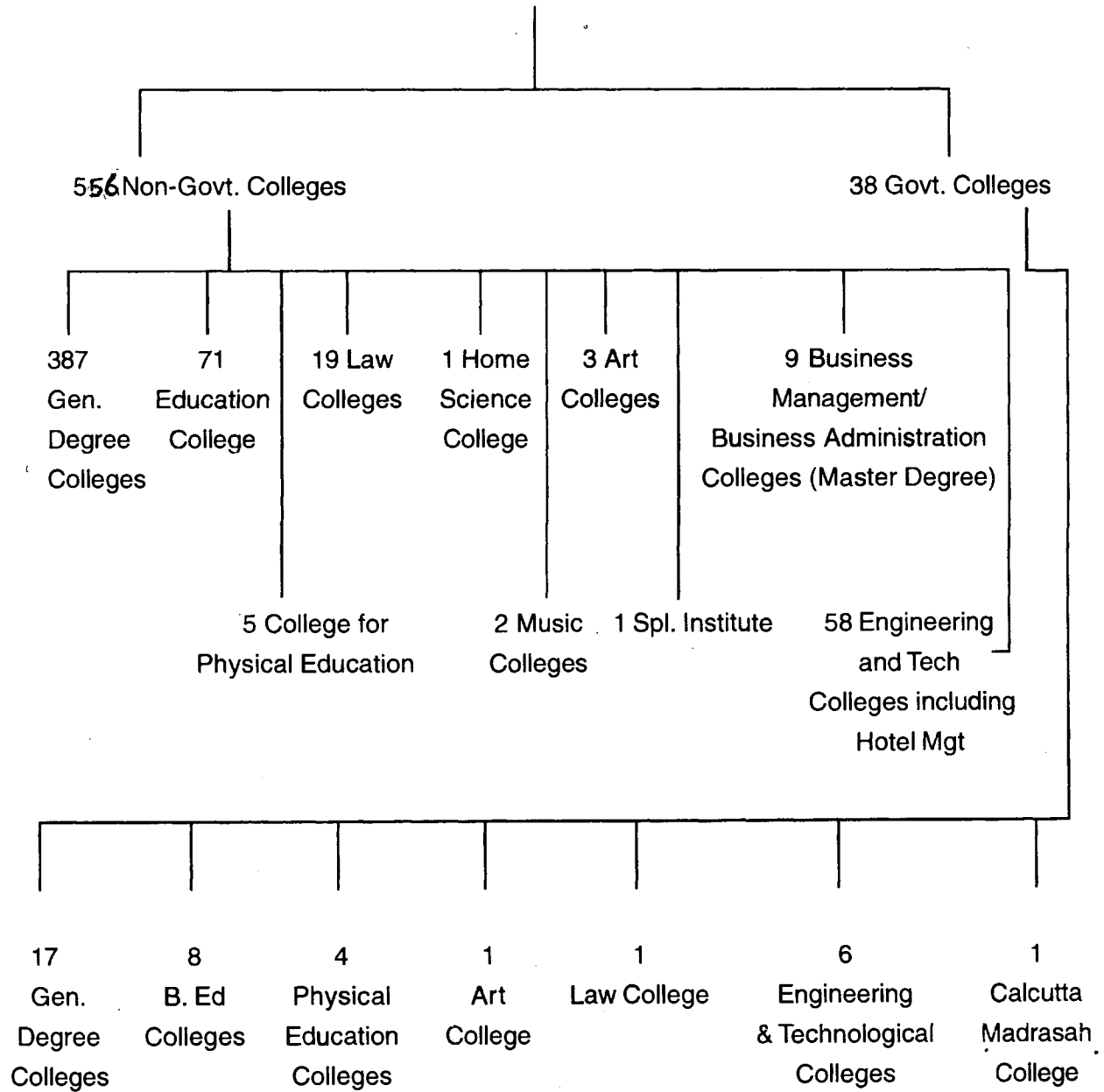
General Degree Colleges in this State are under two broad categories—(i) Government Colleges and (ii) Non-Government Colleges. Self financing private colleges have also been set up in this area.

Government Colleges are directly administered by the State Government. The entire expenditure for these Colleges are borne by the Higher Education Department. The teaching and non-teaching staff of these Colleges are Government employees.

The Non-Government Degree Colleges are also financed by the Higher Education Department almost entirely. In 1978, the PAY PACKET SCHEME was introduced for payment of salary of teaching and non-teaching employees of the Colleges under the West Bengal Colleges (Payment of Salaries) Act, 1978. All Non-Government degree colleges (including erstwhile sponsored colleges) receive salary under this scheme. Recently the State Govt. has allowed a few autonomous non profit making societies/trusts to set up a few private colleges on self financing basis. The General Degree Colleges have a wide variety in enrolment, subjects offered and in educational achievements.

# COLLEGES

## COLLEGES – 594



Districtwise distribution of colleges with Honours teaching facility is shown in the Table below.

District	No. of Gen. Degree Colleges (Govt. & Non-Govt.)	No. of Colleges with Hons. teaching facility
Bankura	17	12
Burdwan	28	25
Birbhum	15	10
Calcutta	68	66
Coochbehar	12	09
Darjeeling	17	13
Hooghly	28	24
Howrah	18	16
Jalpaiguri	14	09
Malda	09	08
Midnapore (East)	16	15
Midnapore (West)	23	18
Murshidabad	20	17
Nadia	17	15
North Dinajpur	06	04
North 24-Parganas	43	36
Purulia	12	11
South Dinajpur	06	04
South 24-Parganas	35	19
<b>Total :</b>	<b>404</b>	<b>331</b>

The Department feels that Honours teaching facility should be evenly distributed in the districts amongst various subjects in Arts, Science and Commerce Groups. Efforts are being made to move in that direction.

In the case of extension of affiliation to new subjects in the existing colleges, the infrastructure of the particular college, its teaching strength, academic record as evidenced by examination results, location, area served, etc. are taken into consideration. Special importance is also given for according affiliation to new subjects in colleges, which have a higher SC/ ST student population. A number of Govt. and Non-Govt. Colleges have been given extension of affiliation in respect of new subjects during 2007-2008. Some colleges have more than one shift on account of student population.

## COLLEGES

### SHIFT SYSTEMS IN COLLEGES

Chittaranjan College, Calcutta	M + D + E
Seth Anandaram Jaipuria College, Calcutta	M + D + E
Victoria Institution, Calcutta	M + D
New Alipore College, Calcutta	D + E
Barrackpore Rastraguru Surendranath College, N.24--Parganas	D
Dum Dum Motijheel College, N. 24 –Parganas	M +D
Gobardanga Hindu College, N. 24-Parganas (B.Ed)	D + E
Narasingha Dutta College, Howrah	M + D + E
Uluberia College, Howrah (B.Ed)	D + E
Bidhan Chandra College, Rishra, Hooghly	D + E
Midnapore College	M + D
B. B. College, Asansol, Burdwan	M + D + E
Burdwan Raj College	M + D + E
Katwa College, Burdwan	M + D
M. U. C. Women's College, Burdwan	M + D
Sri Gopal Banerjee College, Bagati, Hooghly	M + D + E
Rampurhat College, Birbhum	M + D + E
Vidyasagar College, Suri	D + E
Ramananda College, Bankura	D + E
Malda College, Malda	M + D + E
Hooghly Mohsin College, Hooghly	M + D + E
Taki Govt. College, N. 24 – Parganas	M + D
Barasat Govt. College, N. 24- Parganas	M + D
Goenka College of Commerce, Calcutta	D + E
A. B. N. Seal College, Coochbehar	M + D
Durgapur Govt. College, Burdwan	M + D
Jhargram Raj College, Midnapur	M + D
Darjeeling Govt. College, Darjeeling	M + D
Chandernagar Govt. College, Hooghly	M + D + E
Sree Chaitanya College	D + E
Bolpur College	D + E
T.D.B. College, Raniganj	M + D
Panskura Banamali College	M + D + E
B. B. College, Asansol	D + E

M = Morning, D = Day, E = Evening

## CHAPTER - 7

Out of 404 General Degree Colleges in West Bengal only 258 Colleges have the facility for science teaching at General and / or Honours level. These science-teaching colleges are, however, not evenly distributed throughout all the districts. The following table will show percentage of distribution of colleges with science teaching facility in the districts.

### COLLEGES WITH SCIENCE TEACHING FACILITY

District	Total No. of General Degree Colleges	No. of Colleges with Science teaching facility	Percentage of Science Teaching Colleges to General Degree Colleges	Percentage of Science Teaching Colleges in the district to total No. of Science Teaching Colleges in the State
Bankura	17	08	47.1	3.10
Burdwan	28	22	78.6	8.53
Birbhum	15	08	53.3	3.10
Calcutta	68	46	67.6	17.83
Coochbehar	12	06	50.0	2.33
Darjeeling	17	07	41.2	2.71
Hooghly	25	20	80.0	7.75
Howrah	18	12	66.7	4.67
Jalpaiguri	14	07	50.0	2.71
Malda	09	06	66.7	2.33
Midnapore (East)	16	11	68.8	4.26
Midnapore (West)	23	16	69.6	6.20
Murshidabad	20	11	55.0	4.26
Nadia	17	09	52.9	3.49
North Dinajpur	06	04	66.7	1.55
North 24-Parganas	43	34	79.1	13.18
Purulia	12	07	58.3	2.71
South Dinajpur	06	03	50.0	1.16
South 24-Parganas	35	21	60.0	8.14
<b>Total</b>	<b>404</b>	<b>258</b>	<b>63.9</b>	<b>100.00</b>



## COLLEGES

Most of the sciences teaching colleges teach physical sciences (Physics/Chemistry). Life Sciences (Botany/Zoology/Physiology) are taught in less number of colleges. Subjects like Statistics, Geology, Computer Science, Electronics, etc. are taught in a limited number of colleges although there is a great demand for those subjects. In view of the above, the Higher Education Department has been granting affiliation for Computer Science and Electronics in several colleges at both the general and the honours level.

It may be noted from the following table that only 207 colleges offer teaching in Commerce. As regards districtwise distribution of these colleges, the percentage is high (i.e. more than 60%) in only 6 districts, namely, Howrah, Hooghly, Burdwan, Birbhum, Nadia and South 24 Parganas.

### Number & percentage of Colleges in districts offering facility in commerce teaching

District	Number of General Degree Colleges	No. of Colleges offering Commerce teaching facility	Percentage
Bankura	17	07	41.18
Burdwan	28	18	64.29
Birbhum	15	08	53.41
Calcutta	68	37	54.41
Coochbehar	12	04	33.33
Darjeeling	17	06	35.29
Hooghly	28	18	64.29
Howrah	18	15	83.33
Jalpaiguri	14	04	28.57
Malda	09	03	33.33
Midnapore (East)	16	09	56.25
Midnapore (West)	23	10	43.48
Murshidabad	20	08	40.00
Nadia	17	11	64.71
North Dinajpur	06	03	50.00
North 24-Parganas	43	18	41.86
Purulia	12	06	50.00
South Dinajpur	06	02	33.33
South 24-Parganas	35	20	57.14
<b>Total</b>	<b>404</b>	<b>207</b>	<b>51.24</b>

**GIRLS' COLLEGE**

The principle of equity demands expansion and promotion of girls' education. The distribution of girls' Colleges is shown below :

**Number of Girls' Colleges in districts with Hostel facility**

District	Number of Girls' General Degree Colleges	College with Hostel facility
Bankura	01	01
Burdwan	04	04
Birbhum	00	00
Calcutta	46	12
Coochbehar	01	00
Darjeeling	03	00
Hooghly	04	01
Howrah	01	00
Jalpaiguri	01	01
Malda	01	01
Midnapore	02	02
Murshidabad	01	01
Nadia	01	01
North Dinajpur	00	00
North 24-Parganas	06	02
Purulia	01	01
South Dinajpur	01	01
South 24-Parganas	02	00
<b>Total :</b>	<b>76</b>	<b>28</b>

There are girls' colleges in all districts except Birbhum and North Dinajpur. The oldest Girls' College in the State is Bethune College, which was established in 1879. Besides the above-mentioned colleges, there are some professional colleges (Teachers' Training / Fine Arts/ Home Science etc.) which are meant for girls' students only. There are some co-education colleges with facility of Girls' Hostel.

## **COLLEGES**

### **7.2 GAMES AND SPORTS IN COLLEGES**

#### **FACILITIES**

Although games and sports are not included in regular curricular programme of General Degree Colleges, the Government encourages these activities in various ways. There are posts of Physical Instructor/ Physical Instructress in all Government Colleges and in some Non-Government Colleges. They are entrusted with the responsibility of organising games and sports in respective colleges. Grants are released to colleges for purchase of equipment for games and sports.

#### **GOVERNMENT COLLEGES**

Most of the Govt. Colleges have playgrounds within or outside. The students of the colleges are encouraged to participate in games and sports. An INTER-GOVT. COLLEGE ATHLETIC MEET is held every year.

#### **NON-GOVERNMENT COLLEGES**

The picture of the non-Govt. colleges is slightly different. It is understood from available data that 105 colleges have playground attached to those colleges, while 25 colleges have playground outside the campus. But the playgrounds of most of those colleges are not spacious enough for popular games like football or cricket. Like Govt. Colleges, inter non-Govt. College athletic meet and Football competition is organised by the Directorate of Physical Education annually.

### **7.3 HOSTEL FACILITIES IN COLLEGES**

All the Government Engineering and Technological Colleges have hostel facility. All the Govt. Teachers' Training Colleges, excepting one, also have this facility. Amongst the Govt. General Degree Colleges, however, only ten colleges have hostels. Amongst the non-Govt. (General Degree and Teachers' Training) colleges, ninety three colleges offer this facility. The number of non-Govt. colleges in each district having hostel facility is shown below :

## NUMBER OF COLLEGES IN DISTRICTS OFFERING HOSTEL FACILITY

District	No. of Govt. Colleges with approved Hostel facility			No. of Non-Govt. Colleges with approved Hostel facility		
	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
Bankura	—	—	—	05	01	06
Burdwan	—	—	—	03	03	06
Birbhum	—	—	—	06	—	06
Calcutta	03	02	05	07	04	11
Coochbehar	01	01	02	—	—	—
Darjeeling	—	01	01	—	—	—
Hooghly	02	02	04	08	02	10
Howrah	—	—	—	02	—	02
Jalpaiguri	—	—	—	02	—	02
Malda	01	—	01	01	01	02
Midnapore (East)	—	—	—	04	01	05
Midnapore (West)	01	01	02	07	01	08
Murshidabad	—	—	—	03	01	04
Nadia	01	—	01	—	—	—
North Dinajpur	—	—	—	—	—	—
North 24-Parganas	02	—	02	07	02	09
Purulia	—	—	—	01	—	01
South Dinajpur	—	—	—	—	—	—
South 24-Parganas	—	02	02	03	—	03
<b>Total</b>	<b>11</b>	<b>09</b>	<b>20</b>	<b>59</b>	<b>16</b>	<b>75</b>

## COLLEGES

### Demography and Colleges

Name of the District	Comparative Area size 2001	Comparative Population size 2001	Sex Ratio	Density of Population per. sq. km	No. of General Degree Colleges
Bankura	7.75%	3.98%	953	464	17
Burdwan	7.91%	8.63%	921	985	28
Birbhum	5.12%	3.76%	949	663	15
Calcutta	0.22%	5.71%	828	24760	68
Coochbehar	3.82%	3.09%	949	732	12
Darjeeling	3.55%	2.00%	943	510	17
Hooghly	3.55%	6.28%	947	1601	28
Howrah	1.65%	5.33%	906	2913	18
Jalpaiguri	7.02%	4.24%	941	547	14
Malda	4.21%	4.10%	948	881	09
Midnapore (East)	7.75%	3.98%	953	464	16
Midnapore (West)	15.87%	12.01%	955	685	23
Murshidabad	6.00%	7.31%	952	1101	20
Nadia	4.42%	5.74%	947	1172	17
North Dinajpur	3.54%	3.04%	937	778	06
North 24-Parganas	4.62%	11.13%	927	2181	43
Purulia	7.05%	3.16%	953	405	12
South Dinajpur	2.50%	1.87%	950	677	06
South 24-Parganas	11.22%	8.61%	938	694	35

## Districtwise distribution of different types of Colleges

District	General Degree (BA/BSc. B.Com)	B. Ed	Physical Edn.	Law	Home Science	Music	Art	Engg. & Tech.	Business Management	Special Institutions	Total
Bankura	17	4	-	-	-	-	-	2	-	-	23
Burdwan	28 (1G)	9 (1G)	-	3	-	1	1	11	1	-	54
Birbhum	15	3	-	1	-	-	-	2	-	-	21
Calcutta	68 (6G)	9 (1G)	1	4	1	1	1(1G)	17 (2G)	7	2 (1G)	111
Cooch-Bihar	12(1G)	1	1 (1G)	-	-	-	-	-	-	-	14
Darjeeling	17 (1G)	3	-	-	-	-	-	1	-	-	21
Hooghly	28 (2G)	3 (2G)	2(1G)	1(G)	-	-	-	5 (1G)	-	-	39
Howrah	18	4	-	-	-	-	-	6	1	-	29
Jalpaiguri	14	3	1	1	-	-	-	1(G)	-	-	20
Malda	09	3(1G)	-	-	-	-	-	1	-	-	13
Midnapore East	16 (1G)	6	-	1	-	-	1	2	-	-	26
Midnapore West	23 (1G)	4	-	1	-	-	-	1	-	-	29
Murshidabad	20	6	1	2	-	-	-	3 (1G)	-	-	32
Nadia	17 (1G)	3	-	1	-	-	-	4 (1G)	-	-	25
North Dinajpur	06	2	-	-	-	-	-	-	-	-	08
North 24 Pgs	43 (3G)	7 (1G)	2 (1G)	1	-	-	1	4	-	-	58
Purulia	12	2	-	-	-	-	-	-	-	-	14
South 24 Pgs	35	5 (1G)	1 (1G)	3	-	-	-	4	-	-	48
South Dinajpur	06	2	-	1	-	-	-	-	-	-	09
<b>Total</b>	<b>404</b>	<b>79</b>	<b>9</b>	<b>20</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>64</b>	<b>9</b>	<b>2</b>	<b>594</b>

G – Indicates Govt. College

## COLLEGES

### 7.4 SOME SALIENT FEATURES OF COLLEGES

#### A. Government Colleges

- **Centre for Advanced Study :**

Presidency College has a Centre for Advanced Studies in Economics. This centre was started in 1972 under the Special Assistance Programme of the U.G.C. The centre helps in conducting the teaching programme in Economics at B.A (Hons) level and carries out research programmes. Seminars and workshops are also organised by the Centre on various aspects of macro and micro-economics. The primary thrust of research in the Centre has been in the formulation of approaches and methods for understanding some important problems of Indian economy. Two posts of Professors have been created by the Govt. of West Bengal exclusively for the Centre. The Geology Deptt. of Presidency College has also been declared as Centre for Advance Studies (CAS) by the U.G.C. in 2006 and Rs. 1 Crore has be granted for overall upgradation of infrastructure of this Department.

- **College of Excellence :**

Presidency College is the first college in West Bengal to be declared as the 'College with Potential for Excellence' by the UGC and Rs. 35 lakhs have been granted by UGC which is being used for total computerization of the college. Loreto College, St. Xavier's College and Scottis Church College, Kolkata have also earned this distinction.

- **Research / Partnership :**

Ford Foundation, UGC, DST -Gol, CSIR, etc, have funded special research and academic projects in top government colleges. Presidency College alone has received nearly Rs. 5 cr. Libraries, Laboratories and Computer systems have been upgraded to enhance research and other academic facilities.

- **Created financial flexibility :**

The Principal's of the Govt. Colleges have been given the financial powers of DPI/Secretary for sanctioning expenditure. They do not have to approach HE Deptt/DPI for these matters, as was the system before.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD “2202-03-103-NON-PLAN” FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE GOVERNMENT DEGREE COLLEGES (EXCEPTING THE GOVT. ENGINEERING & TECHNOLOGICAL COLLEGES AND MEDICAL COLLEGES).

<b>Year</b>	<b>Provision of Fund (Rs. in lakhs)</b>
1994-95	24,05.78
1995-96	29,10.88
1996-97	33,79.00
1997-98	39,45.00
1998-99	39,50.00
1999-2000	57,33.80
2000-2001	63,53.63
2001-2002	59,25.68
2002-2003	61,16.31
2003-2004	48,86.57
2004-2005	42,30.70
2005-2006	45,78.40
2006-2007	46,86.00
2007-2008	48,52.11

### **B. Non-Government Colleges**

Beside the Government Colleges, the State at present has 544 Non-Government Colleges of different categories of which 387 are non-Government General Degree Colleges. Serampore College, established in 1818 under the initiative of the Danish Government is the oldest. It thus coincides with the year of establishment of Hindu College (later Presidency College) in Calcutta. It was followed by Krishnanath College (1858), St. Xaviers' College (1860), St. Paul's College (1865) and Midnapore College (1873). The establishment of the colleges was in some cases, associated with the National (Education) Movement in India during the British period, such as Surendranath College (1884) and Jadavpur Vidyapith (now Jadavpur Vidyapith College of Education). The decadal growth of Colleges (Appendix II) will show the course of development of Non-Government Colleges.



## **COLLEGES**

Since Independence, the Central and the State Governments have appointed various commissions in the field of education, the University Education Commission, 1948-49, the Indian Education Commission (Kothari Commission), 1964-66 and the Education Commission (Ashok Mitra Commission), 1992-93 etc. for the improvement of education and the service conditions of the Non-Government College teachers which were not at par with those of the Government Colleges teachers. Various effective steps have been taken for the improvement of the service conditions of teachers of Non-Government Colleges since the Left Front Government came into power in 1977, which include :

- As there was no security in service of College teachers and the payment of their salary was irregular, the present Government, after assumption of power, passed the West Bengal College (Payment of Salaries) Act, 1978 by which the security of service and the payment of salaries were ensured by the State Government. The Pay Packet Scheme is administered by Education Directorate.
- The Governing body of the Non-Government Colleges was democratized by the inclusion of elected representatives of the teaching and the non-teachings staff of the college.
- Previously the non-Government Colleges had to deposit 50% of their income in the Government Exchequer against the total payment of salary by the State Government. But the Government has waived this deposit.
- Similarly, Death-cum-Retirement benefit scheme was sanctioned for teachers of Non-Government Colleges in 1978. In 1993-94 an enhanced rate of pension and other benefits were sanctioned for teachers who had opted for them, making the benefits at par with those of the Government College teachers. A Pension Cell is attached to the Pay Packet Section of the Education Directorate to look after the payment of the Retirement Benefits of the Non-Government College teachers. Recently (2005-06) Govt. has taken urgent steps to clear the backlogs in pension related cases.
- Setting up of new departments/affiliation of new subjects in the emerging areas.
- Setting up of new courses/programme on self financing basis.
- Professional and vocational courses in collaboration with different organisations/institutes.

### **Expansion and Quality improvement :**

The State Government has concentrated on the decentralization of educational opportunities to the rural and other backward areas of the State to meet the demands of the people for education.

## CHAPTER - 7

Between 1977 to 2004 of General Degree Colleges have been established in different parts of the State. The State Government is equally conscious of the need for improvement of the quality of college education. Every year the State Government has been sanctioning grants for the development of libraries and laboratories of the Colleges. Funds are also released for the repair, reconstruction/renovation and extension of college buildings.

The responsibility of management of non-Government colleges lies with the Governing Bodies of the colleges subject to overall jurisdiction of the State Govt. The academic matters of the Colleges are looked after by the University concerned to which the colleges are affiliated.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-104-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE NON-GOVT. DEGREE COLLEGES.

Year	Provision of Fund (Rs. In lakhs)
1994-95	113,30.00
1995-96	138,50.00
1996-97	144,60.00
1997-98	165,83.00
1998-99	176,00.00
1999-2000	204,40.00
2000-2001	243,20.00
2001-2002	263,00.00
2002-2003	283,27.84
2003-2004	297,44.23
2004-2005	342,00.00
2005-2006	377,52.54
2006-2007	386,53.13
2007-2008	397,38.00

## COLLEGES

### C. National Assessment & Accreditation Council (NAAC)

The last five decades have seen a notable increase in the number of Higher Education Institutions in the country. The need for quality in public Instructions cannot be overlooked in any level of educational structure of the country. However, maintenance of quality in Higher Education considering all socio-economic aspects, including the higher amount of investment per student, is a matter of paramount importance.

In order to address this issue of quality in higher education in the country, an apex evaluatory body, the National Assessment and Accreditation Council (NAAC, Bangalore) has been constituted under the jurisdiction of the University Grants Commission, New Delhi in 1994.

In West Bengal seven state-aided universities attached to this department and <sup>two</sup>~~one~~ hundred ~~sixty~~ General Degree Colleges have been assessed and accredited by NAAC so far.

- **Placement of Teachers in Non-Government Colleges**

The State Government established the West Bengal College Service Commission in 1979 for making recommendations for filling up the vacancies of different categories of teaching posts in Non-Government colleges. The College Service Commission has been successful in filling up the vacant posts of academic staff in large numbers and has helped in raising the academic atmosphere in the Colleges.

- **Commitment of the State Govt. towards Payment of higher remuneration to Part-time Teachers**

Effective steps have already been taken towards payment of remuneration to part time teachers @ Rs. 4000/pm . Rs.107 crore has been allotted during 2007-2008 fiscal. Provisions have also been made in the current year's budget in this matter.

- **Sanction of Additional post of teachers for the Colleges**

During the year, 1500 teaching posts in non-Govt. colleges and 125 teaching posts in Govt. colleges have been created in addition 17 posts of Professor has been created especially for the Presidency College.

## CHAPTER – 8

### PROFESSIONAL COURSES

(Other than Engineering, Technology and Management)

- 8.1 *Teachers' Training***
- 8.2 *Physical Education***
- 8.3 *Law Education***
- 8.4 *Computer and IT related Education Programme***
- 8.5 *Art Education***
- 8.6 *Music***
- 8.7 *Language Courses***



## CHAPTER – 8

### PROFESSIONAL COURSES

Apart from Engineering & Technology Education leading to B.E./B.Tech. & M.E./M.Tech./MCA courses and the Management programme leading to MBA/MBM/PGDBM etc. conducted in Engineering & Technology and Management Institutions, DOEACC accredited Computer courses (O, A & B level), B.C.A. are also imparted in a number of General Degree Colleges, in a few universities and in some other institutions.

In addition to the above, Professional courses like Law Education, Teachers training including Physical Education, Art Education, Music, Home Science etc. are conducted in different professional institutions as detailed below :

District	B.Ed	Phy. Edn.	Law	Home Science	Music	Art	Special Institutions	Total
Bankura	4	–	–	–	–	–	–	4
Burdwan	9 (1 G)	–	3	–	1	1	2	16
Birbhum	3	–	1	–	–	–	–	4
Calcutta	9 (1 G)	1	4	1	1	1 (1G)	2 (1G)	19
Coochbehar	1	1 (1 G)	–	–	–	–	–	2
Darjeeling	3	–	–	–	–	–	–	3
Hooghly	3 (2 G)	2 (1 G)	1 (G)	–	–	–	–	6
Howrah	4	–	–	–	–	–	–	4
Jalpaiguri	3	1	1	–	–	–	–	5
Malda	3 (1 G)	–	–	–	–	–	–	3
Midnapore East	6	–	1	–	–	1	–	8
Midnapore West	4	–	1	–	–	–	–	5
Murshidabad	6	1	2	–	–	–	–	9
Nadia	3	–	1	–	–	–	–	4
North Dinajpur	2	–	–	–	–	–	–	2
North 24-Parganas	7 (1 G)	2 (1 G)	1	–	–	1	–	11
Purulia	2	–	–	–	–	–	–	2
South 24-Parganas	5 (1 G)	1 (1 G)	3	–	–	–	–	9
South Dinajpur	2	–	1	–	–	–	–	3
<b>TOTAL</b>	<b>79</b>	<b>9</b>	<b>20#</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>119</b>

**G - Indicates Govt. College**

# This excludes three University Law Department (C.U., B.U., N.B.U.) and W.B. University of Juridical Science but includes seven self-financing private law colleges.

## PROFESSIONAL COURSES

### 8.1 TEACHERS' TRAINING

#### Secondary Teacher Education Programme in West Bengal :

The total number of teacher education (B.Ed.) institutions is 79 in this state this includes.

i)	Govt. Training Colleges	07
ii)	Non- Govt. Aided Colleges	20 (including 1 Central Govt. aided College)
iii)	Self-financing Colleges	52

At present most of the Teacher Education Institutions/ colleges are recognized by the National Council for Teacher Education (NCTE). There have been a remarkable infrastructural development in-

- Establishment and development of laboratories in different subjects viz.
  1. Educational Technology Laboratory,
  2. Psychology Laboratory,
  3. Mathematics Laboratory
  4. Language Laboratory
- Introduction of Academic Programme sponsored by Ministry of Human Resource Development in the Teacher Education Colleges in West Bengal-

1. The College Teacher Education (CTE)-

The four B.Ed Colleges have been upgraded to Centre for College Teacher Education (CTE) to conduct in-Service Teacher Education Programme- in previous years are :

- i) Institute of education for Women Hastings House, Alipore. Kolkata
- ii) Ramkrishna Mission Sikshana Mandir, Belur Math, Howrah
- iii) Govt. College of Teacher Education, Banipur, North 24- Parganas,
- iv) Govt, College of Education, Hoogly

This year Siliguri B. Ed College & B.Ed Department, University of Kalyani have been offered the status of CTE . This Program is mainly for developing professionalism in in-service secondary -Teachers.

2. The David Hare Training College (DHTC-) has been upgraded to The Institute of Advance Study Education (IASE). This IASE programme is for Headmasters/ Headmistresses of Secondary Schools and Teacher Educators of Teachers Training Colleges .
3. M.Ed course is being taught in two Govt. B.Ed. Colleges - The David Hare Training College, Ballygunge Circular Road, Kolkata , Institute of education for Women Hastings House, Alipore. Kolkata and in Education Department of Calcutta University.
4. Master of Philosophy (M.Phil.) in Education in Distance Mode under Netaji Subhash Open University.

**LIST OF SECONDARY TEACHERS' TRAINING COLLEGES IN WEST BENGAL WITH THEIR AFFILIATING UNIVERSITIES**

<b>GOVT. B.ED. COLLEGE</b>			
<b>Sl.No.</b>	<b>Name of the Secondary Teachers' Training College</b>	<b>Affiliating University</b>	<b>Course Conducted</b>
1.	David Hare Training College, (DHTC) 25/3, Ballygunge Circular Road, Calcutta -700 019 Ph. 2486-4848	Calcutta	B. Ed., M.Ed., IASE, & M. Phil in Dist.
2.	Institute of Education for Women, Hastings House, Alipore, Calcutta -700 027. Ph. 2479-7034	Calcutta	B. Ed., M.Ed. CTE, M.Phil. Proposed
3.	Government Training College, Hooghly, P.O.& Dist. Hooghly, Ph. 2680-2085	Burdwan	B. Ed. Up graded to CTE
4.	Institute of Education for Women, Chandernagore, Khalishani, Dist. Hooghly., Pin-712138, Ph. 2680-6040	Burdwan	B. Ed.
5.	Government Teachers' Training College, P.O. & Dist-Malda., Pin-732101, Ph. (953512) 252272	North Bengal	B. Ed.
6.	Government College of Education, Banipur, P.O. & Dist-24-Parganas (North), Banipur, Pin-743233 Ph. (03216) 237034	Calcutta	B. Ed. Up graded to CTE
7.	Government College of Education, P.O. - Lakhurdi, Dist- Burdwan, Ph. (0342) 2533913	Burdwan	B. Ed.
<b>NAME OF THE SECONDARY TEACHERS TRAINING COLLEG (NON-GOVT./PPS)</b>			
1.	A.C.Training College, Nayabasti P.O. & Dist-Jalpaiguri. Pin - 735101,	North Bengal	B. Ed.
2.	Sree Ramkrishna B.T. College. Darjeeling, Bagmari House, P.O. & Dist-Darjeeling. Pin-734101 Ph. (0354) 2257135	North Bengal	B. Ed.
3.	*Sevayatan Shiksha Mahavidalaya Vill. - Jhargram, P.O. Sevayatan, Dist - Midnapore (West). Pin-721507	Vidyasagar	B. Ed.



## PROFESSIONAL COURSES

4.	R. K. M. Sikshan Mandir, B.Ed, College, P.O. Belurmath, Dist – Howrah. Pin-711202 Ph. 2654-4412 NAAC Accrediated “A”	Calcutta	B. Ed.
5.	Sponsored Teachers Training College, P.O. & Dist- Purulia. Pin-723101, Ph. (0325) 22323	Burdwan	B. Ed.
6.	Raiganj B.Ed. College, Uttar Dinajpur, Karnojora Housing Estate, P.O. Raiganj, Pin-733130	North Bengal	B. Ed.
7.	Union Christian Training College, P.O. Berhampore, Dist-Murshidabad, Pin-742101 Ph. (03482) 251255	Kalyani	B. Ed.
8.	Shimurali Sachinandan College of Education, P.O. Anur, Dist-Nadia, Pin-741 248, Ph. (03473) 225035	Kalyani	B. Ed.
9.	R.K. Sarada Sikshan Mandir P.O. Anur, Dist–Hooghly, Ph. (03211) 244228*	Burdwan	B. Ed.
10.	Nikhil Banga Sikshan Mahavidyalaya, P.O. Bishnupur, Dist–Bankura, Pin-722122 Ph. (03244) 252001	Burdwan	B. Ed.
11.	Vidyasagar Teachers' Training College, P.O. & Dist- Paschim Midnapore, Pin-721101 Ph. 275-479	Vidyasagar	B. Ed.
12.	Gopal Chandra Memorial College of Education, P.O. New Barrackpore, Dist-24 Parganas (North). Pin-743276, Ph. 2567-2826	Calcutta	B. Ed.
13.	Gandhi Centenary B.T. College, P.O.Habra, Dist –24-Parganas (North) Pin-743268, Ph : (03216) 237199	Calcutta	B. Ed.
14.	Calcutta Girls' B.T.College, 6/1, Swinhoe Street, Kolkata-700019, Ph. 2440-4630	Calcutta	B. Ed.
15.	Nandalal Ghosh B.T. College, Panpur, P.O. Narendrapur, Dist. 24-Parganas (North) Pin-721430, Ph. 2580-1826	Calcutta	B. Ed.

16.	Siliguri B.Ed. College, Baramohan Singh Jote P.O. Kadamtala, Siliguri, Dist-Darjeeling. Pin-734011 Ph. (0353) 2581566	North Bengal	B. Ed.
17.	Ramkrishna Mission Brahmananda College of Education, P.O. Rahara, Dist. 24-Parganas (North) Kolkata-700118, Ph. 2568-2021	Calcutta	B. Ed.
18.	Satyapriyo Roy College of Education,AA-247, Salt Lake,Sector-1, Kolkata-700064 Ph.22342430	Calcutta	B.Ed.
19.	Gangadharpur Sikshan Mandir, Vill. & P.O. Gangadharpur,P.S. panchla, Howrah, Pin-711 302	Calcutta	B.Ed.
20.	Surendralal Das Teachers' Training College, Vill & P.O. Ananda Nagar, P.S. Bally, Pin-711227	Calcutta	B.Ed.
<b>UNIVERSITY B. ED. DEPARTMENTS</b>			
1.	Department of Education, Calcutta University, U. C. A. C. Alipur Campus1, Reformatory Street, Kolkata -700027	Calcutta	B.Ed. & M.Ed. Deptts.
2.	Department of Education, Vinaya Bhawan, Viswa Bharati University, Santiniketan, Dist-Birbhum, Pin - 731235	Viswa Bharati	B.Ed.
3.	Department of Education Kalyani University, P.O. Kalyani, Dist-Nadia,Pin- 741235 Ph. (033) 2582 1390	Kalyani	B.Ed. & upgrated to CTE
4.	University B. T. & Evening College, (North Bengal University), Keshab Road, Kunjabari, P.O. & Dist. Coochbehar, Pin-736101. Ph.(03582) 222714	North Bengal	B.Ed.
5.	University Institute of Science Education, University of Burdwan, Golap Bag P.O & Dist-Burdwan, Pin- 713104 Ph. (0342) 2533913	Burdwan	B.Ed.
6.	Department of Education, Rabindra Bharati University, Emerald Bower Campus, 56A, B.T.Road. Kolkata- 700 050. Ph. 2557 1028	Rabindra Bharati	B.Ed.

## PROFESSIONAL COURSES

B.ED. DEPARTMENT IN GENERAL DEGREE COLLEGE			
1.	St. Xavier's College , (Autonomous), 30, Mother Teresa Sarani, Kolkata -700 016 Ph. 2255-1242	Calcutta	B.Ed. Dept.
2.	Scottish Church College, 1 & 3, Urquhart Square, Kolkata-700 006	Calcutta	B.Ed. Dept.
3.	Sree Sikshyatan College, 11, Lord Sinha Road, Kolkata-700 071	Calcutta	B.Ed. Dept.
4.	Acharya J.C. Bose College, 1 / 1 A, Archarya, J.C. Bose Road, Kolkata-700 071	Calcutta	B.Ed. Dept.
5.	Loreto College, 7, Middleton Row, Kolkata-700 071, Ph. 2246-0952	Calcutta	B.Ed. Dept.
6.	Fakirchand College,* Diamond Harbour, Dist -24-Parganas (South), Pin- 743331, Ph. ( 03174)-255244	Calcutta	B.Ed. Dept.
7.	Gobardanga Hindu College, P.O. Khantura, Dist—24 -Parganas (North), Ph. (03216) 249443.	Calcutta	B.Ed. Dept.
8.	Uluberia College,* P.O. -Uluberia, Dist-Howrah. Pin-711 315, Ph. 2661 0332	Calcutta	B.Ed. Dept.
9.	Bijoy Krishna Girls, College, 5/ 3, Mahatma Gandhi Road, Howrah- 700001, Ph. 2641 2341.	Calcutta	B.Ed. Dept.
10.	Panskura Banamali College, P.O.-Panskura R.S.,Dist—Midnapore. Pin-721162 Ph. 953228-252222	Vidyasagar	B.Ed. Dept.
11.	P. K.College, P.O.-Contai, Dist-Midnapore.*	Vidyasagar	B.Ed. Dept.
12.	Tamralipta Mahavidyalaya, P.O.—Tamluk,Dist—Midnapore,Pin-721636, Ph. 953228 266054	Vidyasagar	B.Ed. Dept.

13.	Katwa College, P.O. –Katwa, Dist-Burdwan, Pin- 713 130 *awaiting	Burdwan	B.Ed. Dept.
14.	Kalna College, P.O.-Kalna, Dist-Burdwan, Pin- 713 368, Ph. (03454)-555032	Burdwan	B.Ed. Dept.
15.	Yogoda Satsanga Palpara Mahavidyala, P.O.Palpara, Dist– Midnapore, Pin- 721458, Ph. (03220)-249227	Vidyasagar	B.Ed. Dept.
<b>B.ED. COLLEGES (SELF-FINANCING)</b>			
1.	Mohanananda College, Rajbandh, Durgapur, Pin-713201 Ph. (0342) 2555428	Burdwan	B.Ed.
2.	Sarisa B. Ed. College, South 24-Pargs.	Calcutta	B.Ed.
3.	Institute of Education, Haldia, Hatiberia; ICARE Complex, Purba Medinipur	Vidyasagar	B.Ed.
4.	Athena B.E.College, Vill-Churamonipur, P.O.-Sonamukhi,Dist. Bankura, PIN-722207. Ph. (03211)- 244228	Burdwan	B.Ed.
5.	Santiniketan Bonaid B. Ed. Training College, Rabindra Pally,Santiniketan, Birbhum Pin- 731235 Ph.(03463)264031	Burdwan	B.Ed.
6.	Coochbehar B. Ed. College, Vill. Tangonmari (Rajarhat), Pin- 736165, Coochbehar Ph.( 03582) 241490	North Bengal	B.Ed.
7.	Gangarampur B. Ed. College, P.O- Kaldighi, (Gangarampur), P.S.Gangarampur, Pin- 733124, Dakshin Dinajpur	North Bengal	B.Ed.
8.	Prabharani B. Ed. College, Berhampore 2, No.Banjetia, Berhampore, Murshidabad, WB-742101.	Kalyani	B.Ed.
9.	Balurghat B. Ed. College, Mongalpur, P.O. Balurghat. Dist. Dakshin Dinajpur; Pin- 733101 Ph.(03522)-259179	North Bengal	B.Ed.

## PROFESSIONAL COURSES

10.	Falakata B.Ed. College, Muktipara, Falakata-735211 Jalpaiguri, Ph. (03563) 261987	North Bengal	B.Ed.
11.	Malda Satish B.E. College, P.O. Maliha, Malda, Pin-732102. Ph. (03512)278863	North Bengal	B.Ed.
12.	Saltora B.Ed. College, P.O. Saltora, Bankura, Ph. 03241-273231	Burdwan	B.Ed.
13.	Swarajnagar Teachers' Training College, Bankura, PO.-Khatra sub division, Dist. Bankura, Pin-722146	Burdwan	B.Ed.
14.	Eastern Dooars B.Ed. Training College, Dakshinayan, P.O. Bhatibari (Alipur Duar). Pin- 736121. Jalpaiguri Ph.(03564) 222413	North Bengal	B.Ed.
15.	Sammelani Teachers' Training College, 4, Santoshpur Avenue, E.M. Bye Pass, Kolkata- 700 075 Ph. 2562 7656	Calcutta	B.Ed.
16.	Vivekananda Teachers' Training College, Vill. Chandipur,P.O-Kazigram, Pin= 732103, Ph. (035122) 96779	North Bengal	B.Ed.
17.	Kabi Sukanta Secondary Teachers' Training Institute, P.O.Reapara, P.S.. Nandigram, Dist. Purba Medinipur, Pin- 721650	Vidyasagar	B.Ed.
18.	Krishnagar B.Ed. College, 56, Ramsey Road, Chasapara,Krishnanagar, Nadia Ph. (03472) 654583	Kalyani	B.Ed.
19.	Swami Vivekananda College of Education for Women, 20, Riverside Road,P.O. Vivekananda Math, Barrackpore, North 24-parganas, Pin-700120, Ph. 2594 7106	Calcutta	B.Ed.
20.	Maulana Abul Kalam Azad Teachers' Training College, Vill-Bagbari, P.O- Itahar, Dist. Uttar Dinajpur Ph.(03523)-277938	North Bengal	B.Ed.
21.	Jagadish Chandra Basu Sikshak Sikshan Mahavidyalaya, 113/1, Garfa Main Road, Kolkata- 700 075 (South 24-Pargs)	Calcutta	B.Ed.

CHAPTER - 8

22.	Galsi Rabindra Nazrul College of Education, Galsi, Burdwan Ph.(0342)3293574	Burdwan	B.Ed.
23.	Jalangi B.Ed. College, Dumkal, Vill. Narasinghapur, P.O. Sagarpara, P.S. Jalangi, Pin-742306 Murshidabad Ph. (03481) 250307	Kalyani	B.Ed.
24.	Bijoy Pal Memorial B.Ed. College, Burnpur, Burdwan, Ph.(0341) 6459895	Burdwan	B.Ed.
25.	Raidighi B.Ed. College, South 24-Pargs.	Calcutta	B.Ed.
26.	Dr. B.R. Ambedkar College, Vill. & P.O. Malighati, P.S.Debra, Pin.-721211, Paschim Medinipur	Vidyasagar	B.Ed.
27.	Pandit Raghunath Murmu Teachers' Training College, P.O. Palsanda More, Pin-742184, Murshidabad	Kalyani	B.Ed.
28.	Manbhum Institute of Education & Social Science, Dulmi P.O-Manbazar, Purulia, Pin-723 131. Ph. 953253-255632	Burdwan	B.Ed.
29.	Kolkata Teachers' Training College, Panpur, P.O. Narayanpur, North 24-Parganas, Pin- 743126.	Calcutta	B.Ed.
30.	Ratulia Secondary Teachers' Training Institute,* Panskura,P.O. Naranda, Dist. Purba Medinipur, Pin-721139	Vidyasagar	B.Ed.
31.	Shyamaprasad College of Education & Training, 5/B.R. Dasgupta Road, Alipore, Kolkata-700 026, South 24-Prgs	Calcutta	B.Ed.
32.	Basantapur Education College, P.O. Basantapur, P.S. Dumkal, Pin- 72406 Murshidabad Ph. (03481) 231201	Kalyani	B.Ed.
33.	Shyamaprasad College of Education & Training; Alipore, 5/B R. Dasgupta Road , Kolkata- 700 026	Calcutta	B.Ed.
34.	Aurangadabad B.Ed. Training College P.O. Aurangabad, Pin-742201	Kalyani	B.Ed.
35.	El Bethel College for B.Ed, P.O. Rasapunja, P.S. Bishnupur, Kolkata- 700104, South 24-Prgs	Calcutta	B.Ed.

## PROFESSIONAL COURSES

36.	ABS Academy, J.P. Avenue; Sagarbhanga, Burdwan; Pin-713211 in 2008-2009	Burdwan	B.Ed.
37.	Deben Mahato Teachers' Trg. Institute; Paharigora, P.O. Deoli, P.S- Santaldi, Pin- 723146	Burdwan	B.Ed.
38.	Subhash Chandra Bosu B.Ed. Training College, Vill. Jarannagar, P.O. Heria, Dist.Purba Medinipur, Pin. 721430.	Vidyasagar	B.Ed.
39.	Vivek Jyoti College; VIII- Mechagram, Vill-Mechagram, P.O.-Uttar Mechagram,P.O.-Panskura, Pin- 721139	Vidyasagar	B.Ed.
40.	Bengal College of Teacher Education, Vill-Dhurabilqa, Dhamkuria, Chandrakona Town	Vidyasagar	B.Ed.
41.	Tara Sankar Bandopadhyay B.Ed. Institution, Ahmedpur, P.O. Kuchighata, Pin.-731201, Ph.(0343)231232	Burdwan	B.Ed.
42.	Rábindra Nazrul Smriti B.Ed. Educational Institute, Hetampur, Birbhum- 731124, Ph. 9434195611	Burdwan	B.Ed.
43.	Madhyamgram B.Ed. College, 20/3/A Nadibhag, Mdhyamgram, Badu Road, Kolkata- 700128 in 2008-2009	Calcutta	B.Ed.
44.	Parameswar Mahavidyalaya (B.Ed.), Vill. & P.O.-Namkhana, Block- Namkhana, Dist. South 24 Parganas, Subdivision Kakdwip, Pin-743357.	Calcutta	B.Ed.
45.	Bankura College of Education, Katjuridanga, Purulia Main Road, Bankura, Ph. 9434250641	Burdwan	B.Ed.

CTE : College Teacher Education

IASE : Institute for Advance Study Education

\* : Not Recognized by NCTE (National Council for Teacher Education)

## 8.2 PHYSICAL EDUCATION

Although Physical Education is not included in regular curriculum in Govt. and Non-Govt. Colleges but, several steps have been taken by the Govt. to encourage Physical Education activities in the institutions of Higher Education. Institutions in Govt. Colleges are entrusted with the responsibility of organising games and sports. Important steps taken by the Govt. are as follows.

1. The vacant posts of lecturer in Physical Education for Teaching branch of the Govt. Colleges have been filled in through P.S.C. and through college service commission.
2. Govt. have encouraged to introduce Physical Education as an elective subject in the regular graduate level and at presents 68 colleges including Universities and Colleges with Physical Education Department have introduced the course.
3. Development grants were sanctioned to Govt. Physical Education Colleges, Govt. Colleges and Non Govt. Colleges with Physical Education departments also.
4. Refresher course for 3 days were conducted at state institute of physical education for women, Hastings House, Alipore for Physical Education personnel working in colleges and institutes.
5. State level seminar were conducted at Hooghly, Hasting House and Banipur.
6. An awareness in Health and fitness Programme for two days were conducted at Hastings House, Alipore during the year 2007-08.
7. M. Phil course in physical education has been introduced at P.G.I.P.E. & BANIPUR and Dept. of Physical Education, Kalyani University during the session 2007-08.
8. Grants were released for conducting inter Physical Education Institution cultural exchange and Athletic competition held at NBBSM, Bishnupur.
9.
  - i) The Inter Govt. College sports competitions in Athletics, Football, Table Tennis, and Badminton were conducted by the Education Directorate and all the Govt. College participated in the competitions.
  - ii) The IX Inter Non-Govt. College Athletic and Football championship was conducted at the District Level and then at the State Level during the year 2006-07.



## PROFESSIONAL COURSES

A list of institutions providing under-graduate and post-graduate education in physical education are given below :

### GOVERNMENT PHYSICAL EDUCATION COLLEGES

Sl. No.	College	Affiliating University	Course Conducted	Intake Capacity
1.	Post-Graduate Training College for Physical Education, Banipur, North 24 Parganas. Ph. 953216-237032	Calcutta	M.P.Ed. (Co-ed.) B.P.Ed. (Co-ed.) M. Phil. (Co-ed.)	25 120 15
2.	State Institute of Physical Education for Women, Hastings House, Alipore, Kolkata, Ph. 24796824	Calcutta	B.P.Ed. (Co-ed.)(Women) M.P.Ed. (Co-ed.)(Women)	70 15
3.	Government Physical Education College for Women, Hooghly. Ph. 2683083	Burdwan	B.P. Ed. (Women)	20
4.	Government College of Physical Education for Women, Dinhata, Coochbehar. Ph. 953581-255154	North Bengal	B.P.Ed. (Women)	25

### UNIVERSITY DEPARTMENTS (State University/Central University)

Sl. No.	Department	University	Course Conducted	Intake Capacity
1.	Department of Physical Education Kalyani University, Kalyani, Nadia Ph. 25828750	Kalyani	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)	50 60
2.	Department of Physical Education Jadavpur University, Jadavpur Ph. 24136786	Jadavpur	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)	65 60
3.	Department of Physical Education Viswabharati University, Santiniketan Ph. 953463-252672	Viswabharati	B.P.Ed.(Co-ed) M.P.Ed. (Co-ed.)	50 50

**NON-GOVERNMENT COLLEGES WITH PHYSICAL EDUCATION DEPARTMENT**

Sl. No.	Department	University	Course Conducted	Intake Capacity
1.	Nikhil Banga Sikshan Mahavidyalaya, Bishnupur, Bankura (under pay packet scheme) Ph. 953244-252001	Burdwan	B. P. Ed. (Men)	50
2.	Union Christian Training College, Berhampore, Murshidabad (under pay packet scheme). Ph. 953482-250254	Kalyani	B. P. Ed. (Men)	50
3.	Seva Bharati Mahavidyalaya, Kapgari, West Midnapore (under pay packet scheme). Ph. 953226-263295*	Vidyasagar	B. P. Ed. (Co-Ed)	50
4.	Panskura Banamali College, (East Midnapore) (under pay packet scheme). Ph. 953228-252222*	Vidyasagar	B. P. Ed. (Men)	50
5.	Mukberia Gangadhar Mahavidyalaya, Bhupatinagar, East Midnapore (Self financing scheme). Ph. 953220-270236	Vidyasagar	B. P. Ed. (Co-Ed)	50
6.	Ananda Chandra College, Jalpaiguri, (Self financing scheme)*.	North Bengal	B. P. Ed. (Men)	50
7.	Garbeta College, P.O. Garbeta, Dist. West Midnapore (Self financing scheme) Ph. 953227-265143*	Vidyasagar	B. P. Ed. (Men)	50
8.	J.C. Bose Sikshan Sikshika Mahavidyalaya, Garfa, Kolkata (Self Financing)	Calcutta	B. P. Ed. (Co-Ed.)	50
9.	Sunil Dhar Memorial B.P. Ed. College, Panchtupi, Murshidabad (Self Financing)	Kalyani	B. P. Ed. (Co-Ed.)	50
10.	Prabharani B.P.Ed. College, Beharampur, Murshidabad.	Kalyani	B. P. Ed. (Co-Ed.)	50
11.	Dept. of Physical Education, Bankura Christian College	Burdwan	B. P. Ed. (Co-Ed.)	50

\* : Not Recognized by NCTE (National Council for Teacher Education)

## PROFESSIONAL COURSES

### COLLEGES OFFERING PHYSICAL EDUCATION AS AN ELECTIVE SUBJECT

Sl. No.	College	District	Affiliating University
1.	Garhbeta College	West Midnapore	Vidyasagar
2.	Panskura Banamali College	East Midnapore	Vidyasagar
3.	Pingla Thana Mahavidyalaya	Midnapore	Vidyasagar
4.	Khajuri College	Midnapore	Vidyasagar
5.	Midnapur College	Midnapore	Vidyasagar
6.	Haldia Government College	Midnapore	Vidyasagar
7.	Jhargram Raj College	Midnapore	Vidyasagar
8.	Tamralipta Mahavidyalaya,	East Midnapore	Vidyasagar
9.	Mukberia Gangadhar Mahavidyalaya	Midnapore	Vidyasagar
10.	Seva Bharati Mahavidyalaya	West Midnapore	Vidyasagar
11.	Bajkul Miloni Mahavidyalaya	Midnapore	Vidyasagar
12.	Sabang Sajani Kanta Mahavidyalaya	Midnapore	Vidyasagar
13.	Belda College	Midnapore	Vidyasagar
14.	Vivekananda Mahavidyalaya, Haripal	Burdwan	Burdwan
15.	Rabindra Mahavidyalaya, Chapadanga	Hooghly	Burdwan
16.	Memari College	Burdwan	Burdwan
17.	Durgapur Govt. College	Burdwan	Burdwan
18.	Chatra Ramai Pandit Mahavidyalaya	Burdwan	Burdwan
19.	Kandi Raj College	Murshidabad	Kalyani
20.	Netaji Satabarshiki Mahavidyalaya	North 24 Parganas	Calcutta
21.	Banipur Mahila Mahavidyalaya	North 24 Parganas	Calcutta

CHAPTER - 8

22.	Dhrubachand Halder College	South 24 Parganas	Calcutta
23.	B. R. Ambedkar College, Betai	Nadia	Kalyani
24.	Scottish Church College, Kolkata	Kolkata	Calcutta
25.	Siliguri College	Darjeeling	North Bengal
26.	Cooch Behar College, Cooch Behar	Cooch Behar	North Bengal
27.	Ananda Chandra College, Jalpaiguri	Jalpaiguri	North Bengal
28.	Joypur P. Roy College	Howrah	Calcutta
29.	Mahishadal Girls' College, Mahishadal	Purba Medinipore	Vidyasagar
30.	P. N. Das College	North 24 Parganas	Calcutta
31.	B. N. Dutta Smriti Mahavidyalaya	Burdwan	Burdwan
32.	Vivekananda Mission Mahavidyalaya	Midnapore	Vidyasagar
33.	Raja Birendra Chandra College	Nadia	Kalyani
34.	A.P.C. College, New Barrackpore	North 24 Parganas	Calcutta
35.	Prabhu Jagat Bandhu College, Jorhat	Howrah	Calcutta
36.	Raja Rammohan Roy Mahavidyalaya, Radhanagar	Hooghly	Burdwan
37.	Srikrishna College, Bagula	Nadia	Kalyani
38.	Rani Dhanya Kumari College, Jiaganj	Murshidabad	Kalyani
39.	Bajkul Milani Mahavidyalaya, Bajkul	Purba Midnapore	Vidyasagar
40.	Belda College, Belda	Paschim Midnapore	Vidyasagar
41.	Chandrakona Vidyasagar Mahavidyalaya, Chandrakona	Paschim Midnapore	Vidyasagar

## PROFESSIONAL COURSES

### 8.3 LAW EDUCATION

The introduction of law education in India can be traced back to the year 1827 when the course was introduced in Hindu College. When Presidency College came into being in 1855, law education became an important department of the College. Various factors, however, compelled this law department to be abolished in 1884. Ripon College (now Surendranath College) was granted affiliation to teach B. L. in 1885. The next major step in law education of the State was taken when Calcutta University opened its law college in 1909. Since 1970, four more law colleges have come up, along with law colleges at North Bengal and Burdwan Universities. The academic status of law education has however, fluctuated over the decades. Initially, it attracted brilliant scholars and produced most of the legal luminaries of the 19th century. After the First World War, the legal profession became overcrowded. After the Independence, law graduates came to be in high demand due to industrial and commercial growth and the facilities for law education was expanded.

Previously, the study of law comprised 3 year courses but of late, a major innovation has been made by introducing a 5-year integrated course on the recommendations of the All India Bar Council. The course starts beyond the H.S. stage and the first 2 years include, apart from some basic law courses, English, Political Science, History and allied subjects. The last three years are devoted to the teaching of only law subjects.

The West Bengal University of Juridical Science was formally inaugurated on 22nd April 2000. The admission to the 5-year Course in law offered by the University is made through an All India Entrance Examination. The present position in legal education in the State is enumerated below in a summary form. Law Colleges have also been established on self financing basis.

#### TYPE OF COURSES

- (i) L.L.M. — 3 University Departments and in the newly established University of Juridical Sciences.
- (ii) L.L.B. — 3 years after graduation
- (iii) L.L.B. (Hons.) — 5 years after (10+2)

<b>(i) L. L.M. COURSE</b>						
<b>College</b>	<b>Intake</b>					<b>Duration</b>
	<b>M.</b>	<b>F.</b>	<b>S.C.</b>	<b>S.T.</b>	<b>TOTAL</b>	
(a) Calcutta University						
Regular	6	2	2	-	10	2 yrs. : Day
External	11	0	3		14	
(b) Burdwan University	12	1	3		16	2 yrs. : Day
(c) North Bengal University	16	6	2	-	24	2 yrs. : Day

<b>(ii) L.L.B. Course : 3 yrs. after graduation (40% or Hons./Master in any Subject)</b>				
<b>Sl. No.</b>	<b>Institutions</b>	<b>Affiliating University</b>	<b>Intake</b>	<b>Remarks</b>
1.	Burdwan University Law Deptt.	-	80	University Law Deptt.
2.	Hooghiy Mohsin College	Burdwan University	80	Afternoon classes
3.	Haldia Law College	Vidyasagar University	80	Self financing

<b>(iii) L.L.B. (Hons.) / L.L.B. Course : 5 yrs. after 10+2 class</b>				
<b>Sl. No.</b>	<b>Institutions</b>	<b>Affiliating University</b>	<b>Intake</b>	<b>Remarks</b>
1.	Calcutta University Law Department, Hazra Road, Kolkata-700019 Ph. : 475-1766/5801	Calcutta University	320	University Law Department,
2.	Jogesh Ch. Choudhury Law College 30 Prince Anwar Shah Road, Kolkata-700033 Ph. : 2473-4622	Calcutta University	320	Morning
3.	South Calcutta Law College 6/1, Swinhoe Street, Kol-19 Ph. : 2440-8182	Calcutta University	320	Morning
4.	Surendranath Law College 24/2, Mahatma Gandhi Road Kolkata-9, Ph.: 2350-3896	Calcutta University	320	Morning
5.	Sorsuna Law College, Sorsuna Kolkata-700061	Vidyasagar University	80	Self Financing
6.	Kingston Law College, Barasat, North 24-Parganas	Calcutta University	80	Self-financing
7.	Bikash Bharati Law College, Sukhdebpur, South 24-Parganas	Calcutta University	80	Self-financing

## PROFESSIONAL COURSES

8.	Rabindra Siksha Sammilani Law College	Calcutta University	80	Self-financing
9.	North Bengal University Law College	North Bengal University	N/A	Self-financing (Day)
10.	Jalpaiguri Law College, Jalpaiguri	North Bengal University	80	"
11.	Balurghat Law College, Balurghat	North Bengal University	80	"
12.	Midnapore Law College, Midnapore West	North Bengal University	N/A	"
13.	Durgapur Institute of Legal Studies, City Centre, Durgapur	Burdwan University	N/A	"
14.	Law College Rajbandh, Durgapur	Burdwan University	80	"
15.	Bengal Law College Gopalnagar, Sriniketan Bypass, Doranda, Birbhum	Burdwan University	80	"
16.	Binoda Law College Durgapore, Burdwan	Burdwan University	80	"
17.	Bimai Chandra College of Law, Kandi, Murshidabad	Kalyani University	80	"
18.	Snehansu Kanta Acharya Institute of Law, Kalyani	Kalyani University	80	"
19.	MAB Institute of Juridical Science, Domkal, Murshidabad	Kalyani University	80	"

### 8.4 COMPUTER EDUCATION

#### a) *B. C. A. Course*

A number of General Degree Colleges affiliated to different universities including Calcutta, Burdwan and North Bengal are conducting BCA Courses. In a few Engineering Colleges affiliated to the West Bengal University of Technology, BCA course has been introduced.

**b) Computer Science & Electronics (Hons.) and General Courses**

At present B.Sc.(Hons.) course in Computer Science and Electronics is offered in a number of general degree colleges. B.Sc.(General) courses with Computer Science are available in around 50 colleges and with Electronics in about 40 General Degree Colleges. Vocational courses in Computer Application are also available in some colleges.

B.Sc.(Hons.) courses in Internet Science and also in Software Technology affiliated institution have been introduced in a few Colleges of North Bengal University and in Burdwan University.

**c) DOEACC Accredited Computer Courses in 'O' 'A' 'B' and 'C' level**

i) Computer Courses in 'O'(Foundation courses), 'A' (PGDCA), 'B' (B.Tech) And 'C' (M.Tech.) level are conducted at the Institute of Computer Engineers (India), Chatterjee International Centre, 33A, Chowringhee Road, Kolkata-700071 and in some other institutions.

ii) The DOEACC accredited 'O' & 'A' level courses are also conducted by the DOEACC Centre, Kolkata.

iii) Webel Informatics Ltd. Conduct a series of IT related courses.

**d) The Netaji Subhas Open University,** in collaboration with the Regional Computer Center, Kolkata, has set up the School of Digital Learning. The school is offering modular courses in Web Application Development, Information Technology and Multimedia Content Development etc.(leading to BCA degree), on a pilot basis at its premises in Gol Park, Calcutta-700 029.

**e) Jadavpur University** has introduced a number of short term courses in Multimedia, IT and related areas.

## 8.5 ART EDUCATION

There are four Art Colleges in the State; one of them is a Government College, one is a Non-Government College, supported by the Government for its maintenance and other two are self financing institutes.



## PROFESSIONAL COURSES

### 8.5.1 GOVERNMENT COLLEGE OF ART AND CRAFT

28, Jaharlal Nehru Road, Kolkata-700 016.

Telephone : 2249-2027

The Government College of Art and Craft, originally started as the School of Art in 1864, was established in 1950. The University of Calcutta granted affiliation to the College in 1981. The Master of Visual Arts Course was started in 1999-2000.

The original building of the college is in the pattern of the Royal College of Art, London. Subsequently more buildings have come up to accommodate various departments and activities of the college.

### COURSES OF STUDY AND OTHER ACTIVITIES

- Five years integrated course** : i) Preparatory Course (equivalent to H. S.) —Two years  
ii) Bachelor of Visual Arts (Honours Degree Course)-  
Three years with seven streams—Drawing and Painting (Western Style), Drawing and Painting (Indian Style), Graphic Design / Applied Art, Modeling and Sculpture, Ceramic Art and Pottery, Textile Design and Woodwork, Leather Craft, Toy making.
- Master of Visual Art (MVA)** : Two years Post graduate course with the following three streams –
- A. Painting
    - (a) Oil-based Techniques.
    - (b) Water-based Techniques.
    - (c) Print Making.
  - B. Modeling and Sculpture
  - C. Applied Art and Design.
    - (a) Applied Art.
    - (b) Ceramics.
    - (c) Textiles.
    - (d) Wood and Leather Craft.

**8.5.2 THE INDIAN COLLEGE OF ARTS AND DRAFTSMANSHIP**

72, Dum Dum Road, Kolkata-700 074

Establishment year-1893

(Affiliated to Rabindra Bharati University)

**COURSES OFFERED :**

Bachelor of Visual Arts: 5 years integrated course ; Preparatory course - 2 years duration consisting of 800 marks ; Theory-400 and Practical 400.

Specialization course of 3 years duration with Specialization in Painting, Sculpture and Applied Art (Commercial Arts). The course is of an Honours standard.

**8.6 MUSIC****8.6.1 BENGAL MUSIC COLLEGE**

P-1, C.I.T. Scheme - LXXII, Gariahat Road,

Kolkata-700 029, Ph. 2466-2692

(Affiliated to Calcutta University, Established : 1940 )

**OBJECTIVE**

The Bengal Music College has been established to extend systematic training in the field of Indian Classical Music, Rabindra Sangeet, Folk Songs of Bengal, Thumri, Bhajan, Puratani and Modern Bengali Songs, etc. The College is a pioneer in the field of Music Education in West Bengal. The College offers Music as an elective subject in B.A./B.Sc. Degree Course under Calcutta University.

Name of Course	Duration	Intake Capacity
Bachelor in Music (Pass)	3 years	50 (including SC/ST)
Bachelor in Music (Hons.)	3 years	20 (including SC/ST)
Music as an elective subject B.A. / B. Sc. Course	3 years	200 (including SC/ ST)

Apart from the above college of Music, there is a Music college in Burdwan offering Degree and Diploma/Certificate in Rabindra Sangeet, Classical and Instrumental Music.

Rabindra Bharati and Viswa Bharati Universities have their Music Departments offering undergraduate and post-graduate degrees and diplomas.

## PROFESSIONAL COURSES

### 8.7 LANGUAGE COURSES

#### Foreign languages taught at different centres in West Bengal

Sl. No.	Name of Institution	1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Arabic	Chinese	English	French	German	Italian	Japanese	Korean	Latin	Persian	Portuguese	Russian	Spanish	Tibetan
1.	Alliance Francaise (AF), 'Khalil Manzil', 217,A.J.C. Bose Rd., Kol-17, Ph. No.-2281-5198,2283-0769				✓										
2.	Bhowanipore Educational Society College (BESC), 5,Elgin Rd.,Kol-20,Ph. No.-2228-0381			✓	✓			✓						✓	
3.	Bengal Engineering and Science University (BESU), P.O.-Botanic Garden,Shibpur, Howrah-711103.			✓		✓									
4.	The British Institute (BI) 13/1A, Govt.Place, Kol-69, Ph.2243-0046			✓	✓	✓								✓	
5.	Burdwan University (BU), Rajbati, Burdwan,Pin-713104.			✓	✓	✓							✓		
6.	Chandernagore Govt. College (CGC), Chandernagore,Pin-712136.				✓										
7.	Calcutta University (CU), Senate House,College Street, Kol- 73	✓	✓	✓	✓	✓			✓		✓		✓	✓	✓
8.	Gorky Sadan (GS), Kolkata												✓		
9.	Indo-American Society (IAS), 17, Camac St,Kol-17 Ph. No.-2247-3756			✓											

✓ indicate the course available in the centre.

	Name of Institution	1	2	3	4	5	6	7	8	9	10	11	12	13	14
10.	Institute of Culture (ICGP), Golpark,(R.K. Mission),Kol-29.	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	
11.	Italian Consulate (ICK), 3, Raja Santosh Road,Alipore,Kol-27						✓								
12.	Institute de Chandernagore (IDC), Strand Road,Chandernagore,Hooghly. Ph. No.2683-9661				✓										
13.	I.I.T.,Kharagpur(IITK) Kharagpur, West Midnapore,Pin-721302.			✓		✓									
14.	In Lingua (ILK), 129A,S.P. Mukherjee Rd.,Kol-26, Ph. 2465-7621				✓	✓		✓							✓
15.	Jadavpur University (JU), Jadavpur,Kol-32.				✓	✓	✓	✓	✓			✓	✓	✓	
16.	Korean Culture and Language Centre (KCLC), AE-545,Salt Lake, Kol-64, Ph. 2321-1115								✓						
17.	Kalyani University (KU),Kalyani, Nadia,Pin-741235.		✓	✓									✓		
18.	Language Teaching Centre (LTC), G-11/7, Karunamoyee, Salt Lake, Kol-91 Ph. 2359-0019,2337-3429.							✓							
19.	Max Mueller Bhavan (MMB), (Goethe Inst.), Kolkata					✓									
20.	North Bengal University (NBU), Raja Rammohanpur,Darjeeling, Pin-734430.				✓										
21.	Rabindra Bharati University (RBU), 56A,B.T. Road,Kol-50.			✓			✓	✓							✓
22.	Visva Bharati (VB),Shantiniketan, Birbhum,Pin-731235.		✓	✓	✓	✓	✓	✓					✓		
23.	World Trade Centre, Kolkata (WTCK), 1/1,Camac St. Kol-17, Ph. 2229-4010.		✓												✓



## CHAPTER – 9

### ACTIVITIES OF THE WINGS OF THE GOVERNMENT, ACADEMIES AND ORGANISATIONS

- 9.1 *Institut de Chandernagore*
- 9.2 *Institute of English*
- 9.3 *Joint Entrance Board*
- 9.4 *Netaji Institute for Asian Studies*
- 9.5 *National Service Scheme (NSS)*
- 9.6 *Paschim Banga Hindi Academy*
- 9.7 *West Bengal District Gazetteers*
- 9.8 *West Bengal State Archives*
- 9.9 *West Bengal State Book Board*
- 9.10 *West Bengal State Council of Higher Education*
- 9.11 *West Bengal College Service Commission (WBCSC)*
- 9.12 *Day Students' Homes*



## CHAPTER – 9

### ACTIVITIES OF WINGS OF THE GOVERNMENT, ACADEMIES AND INSTITUTES

#### 9.1 INSTITUT DE CHANDERNAGORE

Strand Road, Chandannagar, Hooghly, Phone-(003) 2683-9661

In the nineteenth and early twentieth century, Chandernagore had romantic association with foreign lands and people who live there. Chandernagore was technically a part of the French Republic, i.e. little France. Chandernagore had an identical colour of Political map of India during this period.

The 27th November 1947, the French Governor declared “Ville Libre – Chandernagore” i.e. “Free City – Chandernagore” to establish the new republic Chandernagore. The administrative council was constituted by the people of the Chandernagore. The new republican period from 27th November, 1947 to 2nd May, 1950, the people of Chandernagore were only citizen of Chandernagore neither of France nor of India.

#### ACTIVITIES DURING THE YEAR :

Indo – French Cultural Centre and Museum (Institut de Chandernagore) is a store house of education, history, culture and study of French language. Many initiatives have been taken further to improve and upgrade the Museum, Library and also teaching of French language. The Institut de Chandernagore is itself a sublime testimony to a glorious history.

Archaeological Survey of India, Govt. of India, Horticulture Branch has taken a project for upgradation of the garden and environment.

The Hon'ble Governor, West Bengal and the Chairman of the Governing Body of the Institut de Chandernagore, desires to reorganize the Institute as a “**Regional Research Institute**” with collaboration of the State, Central and French Governments. For finding out the policies of development, a brain storming session was held on 15th September, 2007 at the Institut de Chandernagore among the high officials of State and Central Governments and eminent scholars of different fields under Chairmanship of the Additional Chief Secretary, Higher Education Department, Government of West Bengal.



## ACADEMIES AND ORGANISATIONS

In the 4th Governing Body Meeting held on 27th July, 2007, Shri Arif S. Khan, Additional Secretary, Ministry of External Affairs perused a note to the **Indo – French Forum** that the Institute is a special type of organization which would form different kind of projects and proposals for broad activities.

The three wings : Museum, Library and Study Centre of the Institute actively perform the roll of their functions to serve mass education, research and study of French language.

**Museum :** Open : - 11 a.m. to 6 p.m. (March to November)  
11 a.m. to 5.30 p.m. (December to February)  
Close : - Thursday, Saturday and all Govt. Holidays.

After the administrative approval from the Archaeological Survey of India, Govt. of India, a new gallery was established at north veranda of the main building. Shri Gopal Krishna Gandhi, the Hon'ble Governor, West Bengal, inaugurated the archival exhibition on "**Evolution of Administration Chandernagore**", administrative change during the period 22nd November, 1947 to 2nd October, 1954 on 21st December, 2007. A project on the display of the Museum galleries was taken. The thematic display of European settlement Gallery is in progress. The Hon'ble Governor, West Bengal, desires to establish a new gallery on "Indian Freedom Struggle" at the auditorium. To focus the glorious history of "Indian freedom movement" association with Chandernagore.

### Temporary Exhibition :

A temporary exhibition was held on "**Indian Freedom Struggle**" to observe the 150 years of the "Sepoy Mutiny" on 15th August, 2007.

### Library :

The documentation of library books was completed and documented 14,200 books in three languages – Bengali, English and French except journals. The documentation data were kept in computer. The documentation data will be available in the internet for research fellows and scholars.

### French Language Course :

The Institute conducts two years French Courses – Certificate and Diploma. The students who pass the Bachelor degree in any stream and also pass the Diploma from the Institut de Chandernagore can get admitted in the Pre- M.A. and after passing the Pre- M.A. in French they can get admitted in the M.A. (French) under the University of Calcutta.

In keeping with our rich tradition, the fifth Convocation of the French Courses was held on 10th December, 2007. Prof. Tapan Raychaudhuri, Department. of Indiology, Oxford University, delivered the Convocation Address and eminent historian Prof. Aniruddha Ray presided over the Convocation. 88 students of the Certificate Course and 27 Students of the Diploma Course were offered Certificates and medals. “**Phoni Bhushan Ghosh**” Memorial Gold medals were awarded to 15 students of Certificate and Diploma Courses who got highest marks of the academic year.

Prof. Tapan Raychaudhuri emphasized in his Convocation Address that the French visitors could be encouraged to spend some time with the students of the Institut de Chandernagor. In projecting such an initiative, one needs to emphasize the need to focus on areas of significant cultural activity outside the metropolis.

Prof. Tapan Raychaudhuri delivered a valuable special lecture on “**Bengali Madhyabittar Sanskritik Bibartan – Gata Sath Bachhar**” after convocation ceremony.

### 9.2 INSTITUTE OF ENGLISH

119, S.P. Mukherjee Road, Kolkata –700 026, Phone 2466-3039.

Website : [www.instituteofenglishcalcutta.org](http://www.instituteofenglishcalcutta.org)

The Institute of English, Calcutta (IEC) was founded in close collaboration with the British Council, Division of British Deputy High Commission, Calcutta through a Government notification (G.O. Number 3945 - Edn(D) dt 3.10.1962) in 1963. Since the inception, the Institute of English, Calcutta has been effectively handling the task of teacher training in the field of ELT entrusted to it, both in in-service and pre-service sectors. The Institute is still providing teachers of English with the necessary knowledge and understanding, skills and aptitudes apart from an active academic support in various forms. The Institute is unique in that it is not affiliated to any University and enjoys full academic autonomy in devising its own courses, framing syllabi, conducting examinations and conferring Diploma and Certificates. In the various aspects of its works, the Institute is in close touch with SCERT, NCERT, British Council, CIEFL (Hyderabad), WBBPE, WBBSE and WBCHSE.

## ACADEMIES AND ORGANISATIONS

Academic programmes at the Institute :

Regular Programme :

Name of the Programme	Seats	Duration	Eligibility
Diploma in English Language Teaching (DELT)	100	Four months	1. Teachers of English at the Secondary and Higher Secondary level 2. Graduates with Honours in English or Vocational / Communicative English
Certificate in English Language Teaching (CELT)	30	One month	Teachers of English at the junior secondary and primary and Graduates in any discipline
Improved Communication in English - Basic (ICE Advance)	50	50 hour	Madhyamik or equivalent
Computer Use in Teaching of English (CUTE)	18	30 hour	HS or equivalent with 50% marks
Advance Communication in English (ACE)	30	50 hour	Graduates in any discipline and/or Professionals
Certificate of Proficiency in Spanish	30	120 hour	HS or equivalent
Diploma in Spanish	30	130 hour	HS and a Certificate of Proficiency in Spanish from a recognized institution
Advance Diploma in Spanish	30	140 hour	

\* M.A. in ELT and DELT in Distance mode are under consideration.

### Course Profile

#### A. *DELT and CELT*

▪ **Aims and objectives :**

- To help the trainees improve their own English
- To equip the trainees with necessary skills for teaching English
  - By developing awareness of the key theories and principles of English language teaching and learning at various levels

- By helping the trainees to make effective classroom use of teaching materials in the primary textbooks (in case of CELT) and secondary course book in case of DELT
- By providing a hands on training of classroom teaching of English by observing, practicing, and evaluating teaching
- By helping them to prepare and administer appropriate tests
- To provide a basis for continued professional development

**B. *Certificate courses in Improved Communication in English or ICE(Basic and Advance)***

■ **Aims and objectives :**

- An overall enhancement of the participant's competence in English in two subsequent phases
- Making the participant a proficient user of English by making them enjoy communicating in English

**C. *Computer Use in Teaching of English or CUTE***

■ **Course Components**

- Introduction to Computer basics
- Using Microsoft Word
- Creating Power Point Presentation templates
- Making a presentation Using Power Point
- Internet Exploration, Web-search and downloading files from the net
- Using Computers as an aid to Teach English in language classrooms

**D. *Extension Activities***

- Offering Communicative English courses in collaboration with a few undergraduate colleges in and around Kolkata. A process to begin the course to a few other colleges is in the process.
- Offering intensive programmes in communicative English as when asked by different business houses and academic institutions.
- Offering expertise in the field of ELT to different statutory bodies like West Bengal Board of Primary Education, West Bengal Board of Secondary Education, West Bengal Council of Higher Secondary Education as and when required.

## ACADEMIES AND ORGANISATIONS

### 9.3 WEST BENGAL JOINT ENTRANCE EXAMINATIONS BOARD

AQ-13/1, Sector-V, Salt Lake City, Kolkata-700 091

Ph. : (033) 2367-1148, Fax : (033) 2367-1198

The West Bengal Board of Examination for admission to Engineering, Medical and Technological Degree Colleges (renamed as WB Joint Entrance Exam Board) was formed in the year 1962 vide Order No. 828-Edn(T) dated 02.03.1962 issued by the Higher Education Department (Technical Branch), Government of West Bengal. The basic purpose was to select candidates for consideration for admission to the State Universities/Colleges/ Institutions on the basis of the results of a single competitive examination which would also lead to saving of time, energy and expenditure on the part of the candidates in appearing at number of entrance tests.

Since inception, the office of the Board was located at Slater Hall in the campus of Bengal Engineering and Science University, Shibpur [erstwhile Bengal Engineering College], Howrah – 711103. The Vice-Chancellor of Bengal Engineering and Science University, Shibpur was the Chairman of this Board while twenty nine other Members, the heads of professional Universities/Colleges, Officials from the Departments of Higher Education and Health and Family Welfare of the Government of West Bengal and the Member-Secretary who happened to be a senior faculty member of Bengal Engineering and Science University, Shibpur. The Board has recently been shifted in Salt Lake in the State Book Board at AQ-13/1, Sector-V, Salt Lake City, Kolkata-700 091.

Following Entrance Examinations are conducted by the Board at present for admission to different professional courses.

**A brief outline of different Entrance Examinations conducted by the West Bengal Joint Entrance Examination Board during the year 2006-07 for admission of the students to professional courses in Universities/Colleges in West Bengal.**

Sl. No.	Name of the Exam.	Name of the Degree Courses	No. of Colleges/ Universities
1	JEM	i) Engineering/Technological (BE/B.Tech) ii) Medical + Dental (MBBS +BDS) iii) B.Arch. iv) Ayurvedacharyya (BAMS) v) Homoeopathy (BHMS) vi) B.Sc.Physiotherapy vii) Unani viii) Veterinary Sc.& A.H and Fishery Sciences (B.V.Sc. &A.H) and B.F.Sc. ix) B.Sc (H) Nursing	66 9 + 3 2 2 4 (Govt) + 8 (Pvt) 1(Govt) + 10 (Pvt) 1 1 7

2	JECA	Master of Computer Application (MCA)	26
3	JELET	Engineering / Technology (through Lateral Entry)	66
4	JEHOM	Bachelor Degree in Hotel Management	4

#### 9.4 NETAJI INSTITUTE FOR ASIAN STUDIES (Estd. 1981)

1, Woodburn Park, Kolkata - 700 020

Telefax : 2287-3145; Telephone : 2283-5079; Email : nias@cal2.vsnl.net.in

Established in 1981, the Netaji Institute For Asian Studies is a Social Science research institute sponsored in the Department of Higher Education, Government of West Bengal.

On the strength of a regular maintenance grant from the state government and mobilization of additional resources the Institute has been pursuing its mandated research agenda on (a) Indian National Movement, especially the role of Netaji Subhas Chandra Bose and the Indian National Army, (b) Trends in the nation-building processes in South and South-East Asia and (c) Asian relations.

##### I. The Faculty :

- (i) Dr. Suranjan Das, Pro-Vice-Chancellor for Academic Affairs, University of Calcutta, is functioning as the Honorary Director of the Institute.
- (ii) Dr. Mamata Desai is Professor, Department of Ecology and Environment.
- (iii) Dr. Ramkrishna Chattopadhyay is Assistant Professor, Department of Social and Political History, till 31st July 2005. Currently is an Honorary Fellow of the Institute.

##### II. On-going Research Projects of the Institute :

- (i) 'Linguistic and Cultural Heritage of North Bengal' funded by Department of Higher Education, Govt. of West Bengal and coordinated by Dr. Ramkrishna Chattopadhyay.
- (ii) 'Documenting the Turning Points in the Protest Politics of West Bengal 1960 – 1967', coordinated by Professor Suranjan Das and Dr. Premangshu Bandopadhyaya funded by Department of Higher Education Govt. of West Bengal.
- (iii) 'Mapping and Analysis of Land Use and Land Capability of Darjeeling Hill Areas' using GIS & Remote Sensing Techniques, coordinated by Professor Mamata Desai funded by district Administration, Darjeeling, West Bengal.

## ACADEMIES AND ORGANISATIONS

- (iv) 'Socio-economic Impact Assessment of the Underprivileged Groups and Rapid Urban Development' coordinated by Professor Mamata Desai funded by Department of Higher Education, Govt. of West Bengal.
- (v) 'Geological survey for suggesting remedial measures in respect of the rehabilitation of NH 55 – Giddhapahar area at km 34 on NH 55 in the district of Darjeeling – West Bengal' coordinated by Professor Mamata Desai, sponsored by the National Highway Authority of India, Government of India.
- (vi) 'Marginal Groups in Kolkata', coordinated by Dr. Ramkrishna Chattopadhyay funded by Department of Higher Education, Govt. of West Bengal.
- (vii) A collaborative project on 'Women in Kolkata Slums' with Kolkata Socio-cultural Research Institute funded by Department of Higher Education, Govt. of West Bengal.
- (viii) 'Marginal groups in Kolkata' coordinated by Professor Ramkrishna Chattopadhyay funded by Department of Higher Education, Govt. of West Bengal.
- (ix) A collaborative project on 'Women in Kolkata Slums' with Kolkata Socio-cultural Research Institute, funded by the Department of Higher Education, Government of West Bengal.
- (x) 'Select Documents on Swadeshi Movement in Bengal', coordinated by Professor Hiren Chakrabarti, funded by the Department of Higher Education, Government of West Bengal.
- (xi) 'Politico-economic development in Rural Bengal Panchayat System - the role of women' coordinated by Professor Chitra Ghosh, funded by the Department of Higher Education, Government of West Bengal.
- (xii) 'Towards a Social History of Vintage Calcutta - B. B. D. Bag as a Heritage Site' coordinated by Professor Basudeb Chattopadhyay, funded by the Department of Higher Education, Government of West Bengal.
- (xiii) Changing Ecological and Demographic Profiles of the Tea Gardens in the Kurseong Subdivision, Darjeeling District. Co-ordinated by Dr. Mamata Desai and financed by Department of Higher Education, Government of West Bengal.
- (xiv) Netaji Subhas Chandra Bose's and Municipal Administration in Calcutta, coordinated by Professor Ramkrishna Chattopadhyay.
- (xv) Economic Importance of SHGS for Women Development coordinated by Professor Mamata Desai.
- (xvi) Potentials of South Asian Regional Cooperation, coordinator Professor Suranjan Das.
- (xvii) Subhas Chandra Bose and the Secular Politics in India coordinated by Professor Ashok Mukhopadhyay,

**VI. The Library :**

With the financial help from the Government of West Bengal the Institute has been able to enrich its collection on Indian National Movement, post-colonial developments in South Asia and Asian relations. A scheme has been undertaken to revive the Newspaper Clippings section of the Library. The books in Library have also been cataloged, both author-wise and subject-wise.

**VII. Netaji Museum and Centre for Studies in Himalayan Languages, Society and Culture :**

The Museum and Centre was set up in the house of Sarat Chandra Bose at Giddhapahar, Kurseong under the aegis of NIAS. A gallery on the Bose brothers and Indian Freedom Movement has been set up by the initiative of the Indian Museum. In 2006-2007 a number of seminars/workshops were held on aspects of Indian Freedom Movement and contemporary issues like public health, education and education. The Museum has become a place of popular attraction for tourists and local residents alike.

**9.5 NATIONAL SERVICE SCHEME (N. S. S.)**

The National Service Scheme is a noble Youth Activity of our country started in 1969 on the occasion of the birth centenary of Mahatma Gandhi. The main objective of NSS is 'Education through Community Service'. " Not me but you" is the motto of NSS which means every person should realize that not he alone or she alone is important but the society in which he or she lives is on the whole important. NSS activities are multipurpose as well as multidimensional in their nature. And in practice, these activities take an important part to the service of mankind and in execution of the process of formation of the future generation of the country through various constructive programmes. The phenomenal success of Science and Technology in his service has made man forget the long cherished values such as love, peace, co-operation and tolerance etc. Materialism and its comfort shifted the importance of life to mere acquisition of material health. Further Globalisation has thrown the values out of greater life.

The modern dehumanised materialistic civilisation has been neglecting human values. And, it is only the NSS activities which can lead young ones to become more meaningful and fruitful to the society which in an extended sense encompasses the entire humanity. As NSS has launched the movement of Awareness, Sensitization, Motivation, Dedication, Service etc. its thousands of volunteers as well as dedicated teachers from schools and colleges are always active and sincerely busy in inculcating the basic principles and values of NSS among the student community through their society- friendly programmes and issues as Environment Enrichment and Conservation, Women's Development and Gender Justice, Production orientated programmes. Education and Recreation, Health, Family Welfare



## ACADEMIES AND ORGANISATIONS

and Nutrition of the weaker section of the society, Social Service, Relief and Rehabilitation, Socio-Economic Surveys, Health Awareness and Scientific Awareness Generation etc. Involvement of Youth in Social Activities is a crying need of the day. Social responsibility shouldering should be taught through projects like NSS.

West Bengal is one of the first few States where NSS has been introduced since its inception in the country in 1969. But over the years, it could not hold the momentum and has now slipped from the top rung in the arena of NSS. In the days to come, NSS activities will further be strengthened to take it to the optimum level by sincerity and commitment of all concerned.

### Allotment of N.S.S. volunteers for the year 2007-2008 :

Sl. No.	Name of the University/Institution	Allocation of N.S.S. volunteers	
		Regular activities	Special camping
1.	Jadavpur University	3,000	1,500
2.	Burdwan University	21,000	10,500
3.	Viswabharati University	1,800	900
4.	North Bengal University	12,000	6,000
5.	Vidyasagar University	14,000	7,000
6.	W.B.H.S.Council (+2)	13,900	6,950
7.	Kalyani University	6,000	3,000
8.	Calcutta University	10,000	5,000
9.	Bidhan Chandra Krishi Viswavidyalaya	1,000	500
10.	Uttar Banga Krishi Viswavidyalaya	784	342
11.	I.I.T., Kharagpur	400	200
12.	West Bengal University of Animal & Fishery Sciences	300	150
13.	Rabindra Bharati University	700	350
14.	N.I.T., Durgapur (D.U.)	300	150
		<b>85,184</b>	<b>42,592</b>

The fund for NSS Regular Activities & Special Camping Programme for the year 2007-2008 has been released by the Government. The Budget provisions for N.S.S. is now Rs.2 (two) crore for the State share during the financial year 2008-2009.

**An overview of activities undertaken by N.S.S. State Cell :**

- (1) Four Administrative posts have been sanctioned for the N.S.S. State Cell at the Higher Education Department for smooth running of the N.S.S. Cell. Appointments will be made shortly.
- (2) A permanent place for N.S.S. State Cell at the 5th floor has been now earmarked and work is in progress.
- (3) Dr. A. N. Dey, State Liaison Officer (N.S.S.) has attended various Advisory Committee meetings at University level and W.B.H.S. Council.
- (4) The State Level Programme Co-ordinator's meeting were held at Conference Hall of Bikash Bhavan. All Senior Officers, D.P.I. and other key functionaries have attended the meeting.
- (5) State Liaison Officer was invited to attend the N.S.S. workshop at National level at Delhi and Chennai. The N.S.S. activities of West Bengal were highlighted at National level.
- (6) A State Level Workshop for N.S.S. functionaries on the special theme of N.S.S. "Healthy Youth for Healthy India" were held at North Bengal University. Approx. 250 N.S.S. officers attended the workshop. Shri Pratim Chatterjee, and Shri Ashok Bhattacharya Hon'ble M.I.C. of the State Government, Vice-Chancellor and Shri S. Roy, Special Secretary of the Govt. were present at the workshop alongwith other dignitaries.
- (7) Eastern Region Pre-Republic Day Camp were successfully organized by Regional Centre, N.S.S., Kolkata. Twelve states participated in the camp and it was organized at Haringhata Mahavidyalaya, Nadia.
- (8) Seminars and workshop on N.S.S. were conducted by various Universities and State Liaison Officer attended the seminars/workshops.
- (9) The officers of the Regional Centre, N.S.S. and State Liaison Officer have worked together for promotion of N.S.S. in West Bengal.

**Important N.S.S. activities of the State :**

All the Institutions having N.S.S. programme have successfully completed the Regular and Special campaigning activities during the year 2007-2008. The Government have urged to rejuvenate the N.S.S. activities at the college level. The State cell have proposed for inclusion of N.S.S. activities in Engineering and Technological colleges also. Several workshop on Disaster Management, Women's Development and Gender Justice, Environment Enrichment etc. were conducted at different institutions. N.S.S. volunteers of the State have participated in various National Integration Camp and Republic Day Parade at New Delhi.

## ACADEMIES AND ORGANISATIONS

### Indira Gandhi National Award for NSS :-

(A) This is the first time, Functionaries for West Bengal N.S.S. unit have received the National Award for 2006-2007.

- |   |  |
|---|--|
| (i) Shri Sachidnanda Roy<br>Burdwan University  | — Programme Officer Category<br>(Teacher Category) |
| (ii) Ku. Anjana Singha<br>Vidyasagar University | — Volunteer Category                               |

(B) For the first time a large number of NSS volunteers from West Bengal were selected for National Contingent and participated in Republic Day Parade.

- |                           |                                |
|---------------------------|--------------------------------|
| (1) Shri Viswanath Ghosh  | — Katwa College.               |
| (2) Shri Subhas Patra     | — Vivekananda College.         |
| (3) Ku. Priyanka Das      | — B. N. Mahavidyalaya, Hoogly. |
| (4) Ku. Bipasa Basu       | — Assansole Girls College.     |
| (5) Shri Subhendu Ghosh   | — Chakdah College.             |
| (6) Shri Saburali Mondal  | — Chakdah College.             |
| (7) Ku. Rima Kundu        | — Haringhata Mahavidyalaya.    |
| (8) Ku. Kamalika Banerjee | — Haringhata Mahavidyalaya.    |
| (9) Ku. Rina Mondal       | — Haringhata Mahavidyalaya.    |
| (10) Ku. Anushrita Mondal | — Jadavpur University.         |

(C) The following Students from West Bengal were selected and participated for Youth Festival, Chennai.

- |                                 |                                |
|---------------------------------|--------------------------------|
| (1) Ku. Banti Roy               | — M.U.C. Women's College, B.U. |
| (2) Ku. Manasi Biswas           | — A.K.P.C. College, B.U.       |
| (3) Shri Naren Singh Sarder     | — M.G. College, Lalpur, B.U.   |
| (4) Sk. Abdul Matin             | — Jadavpur University.         |
| (5) Ku. Chitralekha Chakraborty | — Jadavpur University.         |

- (6) Ku. Reshmi Das — Haringhata Mahavidyalaya, K.U.
- (7) Shri Bishnu Podder — Haringhata Mahavidyalaya, K.U.
- (8) Shri Mantu Roy — Vivekananda Mission Mahavidyalaya, V.U.
- (9) Shri Amar Middyia — S.B.S.S. College, Goaltore, V.U.
- (10) Shri Arun Patra — Programme Officer, NSS,  
Katwa College, as team leader.
- (D) A large number of teachers (as Programme Officers of NSS) have participated in Refresher Course and Orientation Course of N.S.S. conducted by Training Orientation and Research Centre (T.O.R.C.), Narendrapur and T.O.C., Kharagpur during the session 2007-2008.
- (E) Shri S. K. Abdul Matin of Jadavpur University (NSS volunteer) were selected for "International S.A.A.R.C. Youth Camp" representing Eastern Region, held at Chennai, India.
- (F) Eight N.S.S. volunteers of West Bengal (Jadavpur University) participated in National Talent Search Contest at Annamaiai University and received two gold medals.
- (G) 12 NSS Programme Officers (teacher) and Programme Co-ordinators at University Level from West Bengal were selected to participate in "National Workshop" held at Rajib Gandhi National Institute of Youth Development, Chennai.
- (H) 12 NSS Programme Officers from W.B.H.S. Council were selected for the Regional workshop for the "Adolescent Quiz Contest – II Phase" at Bhubaneswar, Orissa.
- (F) Shri Sabyasachi Roy, Special Secretary, Department of Higher Education, visited Osmania University N.S.S. cell and Regional Centre, N.S.S., Govt. of India, Hyderabad, and collected status reports of N.S.S. activities.

## 9.6 PASCHIM BANGA HINDI ACADEMY

1, Bankim Chatterjee Street,  
(In the Old Building Complex of the Government Sanskrit College)  
Kolkata -700 073, Phone : 2219-1277

The Paschim Banga Hindi Academy founded in 1990 functions under the administrative control of the Department of Higher Education.

## **ACADEMIES AND ORGANISATIONS**

### **I. AIMS AND OBJECTIVES**

The main objective of the Academy is to encourage the study of Hindi language and literature in the State of West Bengal, especially among the non-Hindi speaking people, both the rural and urban areas. The other objectives of the Academy are :

- (1) to encourage and undertake translation of Bengali classics and scholarly works in Bengali on literature, history, science and technology – into Hindi;
- (2) to publish Hindi text books for different classes following the syllabi and curricula meant for non-Hindi speaking people;
- (3) to undertake and encourage research in Hindi language and literature, etc.

### **II. STRUCTURE**

The academy has a General Council consisting of 61 members, a Governing Body consisting of 23 members. The Governing Body has constituted five sub-committees consisting of 5 members each. The Chief Minister, Government of West Bengal and the Minister-in-Charge of Higher Education Department, Government of West Bengal are the Chairman and the Vice-Chairman respectively of the Paschim Banga Hindi Academy.

## **9.7 WEST BENGAL DISTRICT GAZETTERS**

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India Schemes of revision of Gazetteers which were compiled and published during the British Rule. Since then research, Compilation and publication of Gazetteers have been invoked for long periods. Thereupon many original district reports for making gazetteers were published. Besides that worthwhile reprints written by different personalities like Hunter, F.D. Ascoli, F.E. Pergiter's reports were also published. But now in view of audit objection for printing, the production of C.D. has been taken into consideration for the report (1) Rivers of Bengal Vol.IV, (2) Sannyasis, Fakirs and Maghs by J.M. Ghosh.

### **Staff pattern of the office**

The staff pattern in this office is quite different from other offices; as this office is a publication-oriented one with its own accounting system; Editorial/Research/Publication Wings; Own Library enriched with precious rare books; own Sales Counter, etc. Having been set up in 1959 at the instance of the Government of India, the office has been writing/compiling/revising/editing and publishing West Bengal District Gazetteers and allied literature, initially under the guidance of the Expert Committee of the Government of India and then the State Advisory Committee.

**Books Published during 2007-2008**

- a) Total Books published from this office were sold in 2007-2008 : **288 copies.**
- b) Revenue earned during the financial year 2007-2008 - **Rs.47166.00**

**9.8 WEST BENGAL STATE ARCHIVES**

43, Shakespeare Sarani, Kolkata -700017 (Ph.No. 22810661)  
6, Bhowani Dutta Lane, Kolkata -700073 (Ph.No. 22413966/22411044)  
Writers' Buildings, Block II, Ground Floor, Kolkata -700001 (Ph.No. 22141339).

West Bengal State Archives is the oldest repository of Government records in the country. It occupies an important place in the Government set up since it is the custodian of records created by all Government Offices. Besides its primary function of preservation of records it caters to the needs of the users and as such, plays an important role in generating awareness about public records among common people. At present it functions from three wings viz. (a) Historical Section at 6, Bhowani Dutta Lane, Kolkata-73, (b) Current Section at Writers' Buildings, Kolkata-1 and (c) New Functional Building at 43, Shakespeare Sarani, Kolkata-17. Historical Section houses pre 1900 records and Current Section preserves documents of post 1900 period. The Functional Building preserves such I.B. records so far transferred to the Archives and the voluminous P.W.D. records. There is also a Photo-Archives and Permanent Exhibition Gallery in the Functional Building.

**Organisational Structure**

The West Bengal State Archives is headed by the Director who is assisted by one Deputy Director, Two Assistant Directors, Two Chief Archivists, Six Archivists, Fourteen Assistant Archivists, One Micro Photographer and other Archival and Administrative Staff Members at different level.

The year 2006-2007 was one of continuing activities and programmes undertaken by W.B.S.A in connection with the celebration of centenary year of 'Partition of Bengal and Its Aftermath' and preparatory works concerning the Revolt of 1857.

**Public Exhibition**

To commemorate the 150th anniversary of the 'Great Revolt of 1857' W.B.S.A is going to organize an exhibition of records pertaining to the event that took place in Bengal and preserved in this storehouse. Selection of records and preparatory work for organizing such an exhibition has been done during the year in question.

## **ACADEMIES AND ORGANISATIONS**

### **Publication**

As a continuing programme or celebration of centenary year of the "Anti-Partition of Bengal (1905)" a book entitled "Bengal Partitioned-Selections from Confidential records" was released by the Hon'ble Governor of West Bengal, Shri Gopal Krishna Gandhi, on the occasion of the Celebration of Archives Week programme.

The preparatory work of another publication, viz. "Folk Theatre and The Raj-Selections from confidential records of East Bengal and Assam in connection with the celebration of the centenary year of anti-partition movement of Bengal (1905) was done during this period and the manuscript has been sent to the press.

To commemorate the 150th year of "the Great Revolt of 1857" the preliminary work of one more publication, based on the rare records relating to the Revolt in Bengal, is in progress.

The publication of State Archives Review, Vol - 2 – a journal of West Bengal State Archives has also been envisaged.

### **Inspection of Libraries**

As a part of Central Govt. Scheme of Financial Assistance to the different institutions for preservation of Manuscripts/Rare books, Archival Officers have inspected the holdings of the following institutions.

- 1) Hemchandra Smriti Pathagar, Rajbalhat, Hooghly.
- 2) Chandannagar Pustakagar, Chandannagar, Hooghly.
- 3) Dasabhuja Sahitya Mandir, Chandannagar, Hooghly.
- 4) Mallabhum Kritishala, Bishnupur, Bankura.
- 5) Paschim Rarh Itihas O Samaskriti Charcha Kendra, Bankura.
- 6) Debasanskriti Debabani Mandir, Badangunge, Hooghly.
- 7) Boys' Own Library and Youngmens' Institute, Kolkata.

### **Training**

West Bengal State Archives imparts specialised training and guides the students of the different institutions on the conservation of rare paper documents.

During the period under review a team of librarians visited the conservation unit of West Bengal State Archives in connection with their refreshers' course.

A group of students of M. Lib. Sc. of the Calcutta University underwent their practical training on paper conservation in the conservation unit of West Bengal State Archives for seven days.

A group of Archival officers and technical staff of the conservation unit were invited to run a workshop on paper conservation organised by the Museology Deptt. of Rabindra Bharati University.

### **Function of new computer and digital unit :**

To keep pace with the modern Technology of reproduction system and also provide service to the users, WBSA has set up its computer and digital unit. With a view to save the valuable records from further deterioration due to frequent use and inclement climate, WBSA has taken up a digitization programme. It started scanning & copying of records in CDS. A considerable volume of records preserved in the Historical Section have already been digitized during this period.

**Conservation Unit**

Conservation of age-old valuable documents is the primary function of the State Archives. The work of repairing of I. B. records, P. W. D. records, Report on Native Newspapers, Index of records of various Deptt., Home (Police) Confidential records and photographs of freedom fighters received from I. B. Deptt. have been carried out during the period in question.

**Assistance to other institutions**

W. B. S. A has provided copies of records to the Andaman & Nicobar Administration, Calcutta Port Trust and others who are in need of such services.

**Library**

West Bengal State Archives Library has a rich & unique collection of books among which a large number of books are not available in any other library. This collection is regularly used by the scholars as a supplement to the records preserved in this Archives. University of Calcutta extended its cooperation to the WBSA for digitization of very old and out of print books preserved in our library. As a result of this collaboration nearly 37000 pages of rare books and reports have been digitised and made available for consultation by bonafide research scholars.

**Research Room**

As in the previous years, a considerable number of bonafide scholars have been given permission to use the records in connection with their research work.

**9.9 WEST BENGAL STATE BOOK BOARD**

6A, Raja Subodh Mallick Square (8th Floor),  
Kolkata-700013  
Telephone : 2236-7854

Sales Counter :- 1, Bankim Chatterjee Street (Ground Floor of Sanskrit Collegiate  
School Premises), Kolkata - 700 073.

Pursuant to the recommendation of the Kothari Commission on 'Media Transfer' to implement the programme of switching over to regional languages as the medium of instruction at the level of Higher Education, Book Boards were formed in different States in the country. Accordingly, in the year 1970 the West Bengal State Foundation for Text Book Borad was formed and registered under the West Bengal Societies Registration Act.



## **ACADEMIES AND ORGANISATIONS**

The authority of general superintendence, direction and control of the Society is vested in the Board of Governors of the West Bengal State Book Board. The Minister-in-Charge of Higher Education, West Bengal is the ex-officio Chairman of the Board. The Principal Secretary (Higher Education) to the Government of West Bengal is the Vice-Chairman and the Chief Executive Officer, is the Member-Secretary of the Board.

The maintenance cost of running the Board is borne by the Department of Higher Education of the Government of West Bengal. The Government of India, provides assistance for the publication of text books on the basis of proposals prepared by the Board.

The number of publications of the Board has been on the increase. It rose from 766 in 2000-2001 to 783 in 2002-2003 to 792 in 2003-2004, 801 in 2004-2005, 820 in 2005-2006 and 838 in 2006-2007.

The Board publishes text books for the use at the undergraduate and postgraduate levels of studies. The publications also cover terminologies, dictionaries and monographs in science for students and general readers.

### **The academic disciplines in which the Board has so far published books are as follows :**

(1) Agriculture, (2) Botany, (3) Chemistry, (4) Commerce, (5) Computer Science, (6) Defence Studies, (7) Economics, (8) Environmental Studies, (9) Geography, (10) Geology, (11) History, (12) Journalism, (13) Law, (14) Literature, (15) Library Science, (16) Mathematics, (17) Music, (18) Physics, (19) Physiology and Medical Science, (20) Popular Science, (21) Philosophy, (22) Political Science, (23) Sanskrit, (24) Sociology and Human Studies, (25) Statistics, (26) Teachers' Training, (27) Zoology, and (28) Physical Education.

In the year under review the Board concentrated on the publication of syllabus oriented text books. In 2002 the University of Calcutta thoroughly revised the syllabus of all subjects and the Board was considered as the principal organisation who are experienced in the publication of such text books. Therefore special efforts were made to constitute subject committees for a couple of subjects. Nearly 7(seven) new books and 13(Thirteen) re-edition/reprint are now under the process of printing and will shortly be published by the Board.

The Board participates in the Book Fairs in different places both within and outside the State and get good response there.

### 9.10 WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

The West Bengal State Council of Higher Education, established under West Bengal Act XXXVII of 1994 started functioning in April 1995. Office of the Council is located at 147A Rashbehari Avenue, Kolkata 700029 in a building owned by the Higher Education Department. Functions of the Council, as stipulated in the Act are stated below :

- (a) Planning and coordination in the area of higher education in the State including co-operation with the UGC.
- (b) Academic functions e.g. curriculum development, teachers' training and encouragement of sports, games and extension activities.
- (c) Advisory functions in determining the basis and amounts of block maintenance grants, linking research with educational institutions and industry, framing and amendment of university statutes, regulations etc.
- (d) Allocation of grants to different universities and colleges and make enquiries regarding utilization thereof.

#### Activities of the Council since its inception :

1. To formulate policy or action plan on important academic issues of general nature in consultation with the Universities of our state and within the framework of the guidelines issued time to time by the UGC or such other bodies. Some of the major issues on which the Council deliberated during the last one year and in some cases took policy decisions or finalized its recommendations are as follows :-
  - i) Bringing some uniformity in the criteria for admission into BA/BSC/BCom courses as adopted by different State Universities in view of the decision of the Higher Secondary Council to switch over to gradation system in lieu of according marks practised so far.
  - ii) Change in statutes of different State Universities in view of a recent order of the State Government granting leave salary to the teachers of the affiliated colleges on superannuation.
  - iii) To find a solution to the very serious crisis faced by the teacher education programme in our state in having mandatory recognition from NCTE.
  - iv) To review the status of Distance Programme conducted by the State Universities.

## ACADEMIES AND ORGANISATIONS

- v) To apprise the Government the problems faced by our universities and colleges in implementing the guidelines issued by different Central regulatory bodies, which are changed/modified quite often without taking account, in many cases, the ground relations.
  - vi) To review the recent draft guideline issued by UGC in conducting M.Phil/Ph.D. programme throughout the country.
2. A major task entrusted to the State Council is to process and scrutinize the proposals for establishment of Degree colleges spread over all districts under pay-packet scheme of the State Government and to make suitable recommendation to the Government on the desirability of establishment of such colleges taking into account a number of socio-economic factors.
  3. The Council had been entrusted with the responsibility of processing and scrutinizing the proposals for establishment of self-financing General colleges, B.Ed. Colleges and Law Colleges *in different districts of the State and also undertaking spot inspection, if considered necessary*, to study the desirability, suitability and viability of such proposals and then submit a report to this effect, to the Chairman of the Council. During this year, the Council found several such proposals worth favourable consideration by the appropriate authority.
  4. The Council is entrusted with the duty of considering proposals for affiliation of undergraduate colleges in new disciplines and to arrive at a decision on each such proposal in consultation with the concerned University.
  5. The Council, through constant efforts of its Quality Assurance Cell (QAC), is holding series of workshops with Principals and Co-ordinators of affiliated colleges in order to assist them in preparing for NAAC assessment. Efforts are being made (i) to initiate Quality improvement measures in the post accredited phase as follow up step and (ii) to motivate the unaccredited/ yet-to-be accredited colleges to undergo NAAC assessment/process without further delay.

During this financial year, as a result of very intense activities of the Cell, more than 100 colleges have been accredited by NAAC, bringing the total number of such colleges to 210, which is more than 55% of our total number of Degree Colleges, compared to the national average of 20%.

**9.11 WEST BENGAL COLLEGE SERVICE COMMISSION (WBCSC)**

6, Bhawani Dutta Lane (4th floor)

Kolkata – 700 073

Ph. No. Chairman : 2241-4679, Secretary 2241-6675,

Office : 2241-2920, Controller of Examinations : 2241-6674, Members : 2241-1922

Fax No. : 2241-4679

The West Bengal College Service Commission came into existence on November 02,1979 in terms of Act LXII of 1978, the three main functions of the Commission are :-

- 1) To prepare Merit Panels of eligible candidates for the post of Lecturer in different subjects as well as Principal in different Non-Government Colleges affiliated by Calcutta University, Burdwan University, Kalyani University, Vidyasagar University and North Bengal University.
- 2) To prepare Merit Panels of eligible candidates for the post of Librarians/Asstt. Librarians in different Non-Government Colleges affiliated by Calcutta University, Burdwan University, Kalyani University, Vidyasagar University and North Bengal University.
- 3) To recommend candidates for appointment as Lecturer as well as Principal.
- 4) To conduct University Grant Commission (UGC) Accredited State Eligibility Test (SET), formerly known as SLET for Lectureship in Universities and Colleges of West Bengal as a State Agency.

As per Notification in the Kolkata Extra-ordinary Gazette dtd. 29th August-2005 the West Bengal College Service Commission(Amendment ) Act-2005, is being effected from 01-09-2005. The whole time Members of the Commission except the Chairman has been ceased to hold office w.e.f. 01-09-05.

**There shall be five zonal units of the Commission :**

i) The North Bengal University zone; ii) The Kalyani University zone; iii) The Burdwan University zone; iv) The Vidyasagar University zone ; v) The Kolkata University zone.

- 1) The State Govt. may, by order will determine the jurisdiction of every Zonal Unit of the Commission.
- 2) Every Zonal Unit of the Commission shall consist of the Chairman and two members of the Commission.

## ACADEMIES AND ORGANISATIONS

- 3) The members of the zonal unit of the commission shall render necessary advice to the Chairman in preparing a panel of eligible candidates based on the Interviews conducted exclusively for those who have applied for appointment within the zone of the respective Zonal Unit of the Commission.

### The Constitution of the Commission :

1. Dr. Himansusekhar Ghosh – Chairman.

### Part-time Zonal Members :

- C.U. Zone –**
1. Dr. (Smt.) Sumitra Chaudhuri
  2. Dr. Nasrin Jahan
- B.U. Zone –**
1. Shri Swapan Roychoudhury
  2. Vacant
- K.U. Zone –**
1. Dr. Dwijendra Nath Samanta
  2. Vacant
- V.U. Zone –**
1. Dr. Jibes Ch. Nayak
  2. Shri Balaram Bandyopadhyay
- N.B.U. Zone –**
1. Dr. Shyamaprasad Bhattacharya
  2. Vacant

### Office set-up of the Commission :

1. Shri K.P. Das, IAS – Secretary
2. Shri Dilip Kr. Bhattacharyya – Controller of Examinations.
3. Shri Debabrata Ghosh – Assistant Secretary.

### Recommendation of Principal :

As per Advt. No:2/07 & 2/07A Applications are invited for filling up of vacant posts of Principal in 101 Non-Govt. Colleges and a total number 50 Candidates were selected and the process of posting for 50 colleges was completed.

**Publication of Panel :**

1. As per Advt. No.1/2007 Merit Panel of 23 Subjects for Lecturers in different Non-Govt. Colleges was published in the Month of January, 2008 and the rest part of the Merit Panel of the other subjects will be published in the Month of April, 2008. Recommendations for different subjects would be issued shortly.
2. As per Advt. No.1/2008 the process for Selection Meeting of the Lecturers in different Non-Govt. B.Ed. Colleges will start from the Month of April, 2008 and the Merit Panel will be published after completion of the Selection Committee Meeting of Lecturers for B.Ed. Colleges.

**State Eligibility Test (SET-2007) :**

A total Number of 265 candidates qualified in 21 Subjects in 12th SET-2007. The Result of 12th SET -2007 was published on 29th October, 2007. The Result was approved by Steering Committee in its Meeting and in presence of U-CAT Member & Jt. Secretary, NET Bureau, UGC, New Delhi.

**Green Channel Service :**

As a Public Undertaking WBCSC introduced a Complaint & Suggestion Box from the year 2007 for direct dealings and best service to the people.

**9.12 DAY STUDENTS' HOMES**

The Department of Higher Education runs four Day Students' Homes in the city of Calcutta. All the Homes are headed by a Warden-cum-Secretary, who is assisted by a number of other employees. The major objectives of these Homes are :

- (i) To provide library facilities to under-privileged students at Higher Secondary and graduation levels at a Centre where text books and reference books including Journals and newspapers are made available to them;
- (ii) To provide reading-room facilities to these students for a period of 12 hours (8.00 A.M. to 8.00 P.M.) on weekdays and 6 hours (8.00 A.M. to 2.00 P.M.) on Saturdays ;
- (iii) To provide cheap-canteen facilities at a heavily subsidised rate for meals and refreshments on a token payment of 20 paise only per meal.

## ACADEMIES AND ORGANISATIONS

### KOLKATA DAY STUDENTS' HOME

61, Prince Anwar Shah Road, Kolkata-700 033; Phone : 2422-5655

Established : 11th July, 1959

<b>Permanent Staff Strength</b>	:	28
<b>Present Staff Strength</b>	:	24 (4 posts are vacant)
<b>Status</b>	:	Co-Education from 1st March, 2005
<b>Library Staff</b>	:	a) One Superintendent of Reading Room-Cum-Library b) Four Reading Room Assistant c) Two Reading Room Assistant
<b>Books acquired</b>	:	No. of Books 17,000 also available 3 newspapers and 5 magazines.
<b>Reading Room Space</b>	:	Can accommodate 200 students at any time during the period from 8 a.m. to 8 p.m.
<b>Student Card Holder</b>	:	450 No. of Boys & Girls of local schools & colleges are holding their Library Cards.
<b>Students Attendance</b>	:	100 Boys & 50 Girls are attending the Home Library every day in between 8 a.m. to 8 p.m.
<b>Special programmes</b>	:	On 3rd & 4th February, 2006 students of this Home worshipped "The Goddess Saraswati" with great devotion.

### DAY STUDENTS' HOME FOR GIRLS

147A, Rashbehari Avenue, Kolkata-700 029; Phone : 2464-1194

Established : 01-12-1956

Free reading room cum library for the school & college students of low income group family.

Name of Founder of the Home : Hon'ble Chief Minister Dr. Bidhan Chandra Roy, Govt. of West Bengal

<b>Staff Strength</b>	:	28
<b>Staff at present</b>	:	18
<b>No. of Students</b>	:	451
<b>Home remains open</b>	:	8 a.m. to 8 p.m.
<b>Books acquired</b>	:	21,810 journals, periodicals
<b>Reading Room Space</b>	:	Sitting arrangement for 125 students at a time.
<b>Other programmes</b>	:	Debate Session, Competition of Recitation, Dance & Singing, Essay-writing of the Students and also Educational Tour & Prize distribution Ceremony.

**ISWARCHANDRA PATHABHAVAN**

299, Acharya Prafulla Chandra Road, Kolkata-700 009; Phone : 2350-1438

Established : 1956

- Staff Strength** : 28 with 7 post vacant.
- Books acquired** : 17,550, also 8 journals & 5 newspapers
- Reading Room Space** : 600 students.
- Other programmes** : A study centre (2801) of IGNOU is housed at the building for Saturdays and Sundays; Other programmes conducted are debates, seminars, quiz contest, sports and games and educational tour.

**SRI RAMKRISHNA DAY STUDENTS' HOME**

9, Pasupati Bose Lane, Kolkata-700 003; Phone : 2555-3143

Established : 1956

- Staff Strength** : 28 with five post vacant.
- Books acquired** : 28,939 (Text & Reference Books)
- Reading Room Space** : 350 students
- Average daily attendance of Student Members** : 250 to 275 per day
- Other programmes** : Observance of Foundation Day, Prize distribution to the student members on their examination results and other programmes conducted are debates, seminars, quiz contest etc.

**BANKURA INSTITUTE (DAY STUDENTS' HOME)**

Pratapbagan, P.O. Bankura, Dist. Bankura, Pin-722101, Phone : 03242-40388

Established : 1998

- Staff Strength** : 7 (Seven)
- Books acquired** : 1800 and three daily newspapers
- Reading Room Space** : 300 students at a time
- Other programmes** : No. of students visiting the Day Students' Home (on average per day) - Boys-60, Girls-15  
Opening Hours : 8.00 a.m. to 4.00 p.m.





## CHAPTER – 10

### RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS ASSISTED BY THE STATE GOVT.

- 10.1 *Bankim Bhaban Gabesana Kendra*
- 10.2 *Centre for Studies in Social Sciences*
- 10.3 *Jagadis Bose National Science Talent Search*
- 10.4 *Indian Association for the Cultivation of Science*
- 10.5 *Institute of Historical Studies*
- 10.6 *Paschim Banga Itihas Samsad*
- 10.7 *Ramkrishna Mission Institute of Culture*
- 10.8 *Socio-Economic Research Institute*
- 10.9 *Sri Sri Sitaramdas Omkarnath Samskrita Siksha Samsad*
- 10.10 *Ramkrishna Mission Ashrama*
- 10.11 *Calcutta Mathematical Society*
- 10.12 *Institute of Science, Education and Culture (ISEC)*
- 10.13 *Institute of Development Studies Kolkata*
- 10.14 *Indian Institute of Science Education & Research, Kolkata*



## CHAPTER – 10

### RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

#### 10.1 BANKIM BHABAN GABESANA KENDRA

Kantalpara, P.O. Naihati - 743 165

Dist. 24-Parganas (North), Ph. : 2581-9933

Established : 1999

E-mail : bankim\_bhavan@vsnl.net

Director : Dr. Satyajit Chaudhury

Bankim-Bhaban Gaveshana Kendra is a research centre registered in the ancestral house of Rishi Bankim Chandra Chattopadhyaya and maintained by Govt. of West Bengal in the Department of Higher Education. The aims and objectives of this centre include :

1. Renovation and restoration of the heritage building complex wherein Bankim Chandra was born and brought up and created most of his immortal literary works including the National Anthem 'Bande Mataram'.
2. Preservation of a huge collection of rare fragmented written manuscripts, letters, deeds, and other paper documents, textiles and other items of personal effects of the archive and Museum. It includes also the work of preservation and consolidation of a big bulk of text books of 19th century and reference books used and read by Bankim Chandra, Sanjib Chandra and other family members.
3. Research on the life and works of Bankim Chandra Chattopadhyaya and his associates who contributed to the renaissance of the 19th century Bengal.
4. Research on the different aspects of the social history of Bengal and of the Bengali language and literature.
5. To continuously augment with new addition and alteration in display of the existing personalia museum on Bankim Chandra, and his associate writers as well as to develop it as a potential Regional Museum.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

6. Expansion of the Museum in the newly renovated premises in the ancestral house of Bankim Chandra where he was born and brought up.
7. Digital documentation and preservation of the thousands of books and journal of the library : The nucleus of the library handed over to the Gaveshana Kendra, included a rare collection of old books and journals of the Chattopadhyay family, which subsequently, enlarged by other donations of books, journals, offprints etc. by eminent litterateurs.
8. To build up an archive with handwritten documents, records, genealogies and old Palm leaf and country made paper Puthis and processing these materials for publication.

### The Archive :

#### A) Handwritten and Printed documents :

The nucleus of the archive was primarily the materials collected from the Chattopadhyay family numbering about 25 thousand pages and items, which include land and property deeds ( since early 18th century A.D.), wills, pattas, diaries, letters, official reports, drafts, bills, notes, proof sheets, invitation cards etc. of Chattopadhyay family. It also includes correspondences of men of letters writers and other eminent persons of the period.

On the other hand, in 'Mm. Haraprasad Shastri collection' hundreds of letters written by Haraprasad Shastri to his son, Benoytosh Bhattacharya, the Director, Gaekwad Research Institute and letters received by Haraprasad from the eminent European indologists like Sylvain Levi, C. Bendall, J. Jolly, W. Caland, F. E. Parigiter, Louis de la Vallee Poussin, J. A. Bourdillon, Th. Stcherbatskoi, A. F. Rudolf Hoernle, G. Thibaut, K. Ohmiya, Denison Ross, H. Jacobi, and the top brass of the British Administration like Lord Curzon and Lord Lytton etc. written between 1901- 1930 is preserved.

Very rare papers of Pramathanath Mitra the founder of Anusilan Samity are preserved.

Similarly, papers of Samares Basu famous writer of Bengali Literature, collected from his family include many notes, letters, diaries, and interestingly, some papers of the great artist Ramkinkar Beij.

These rare archival materials are being cleaned and stored digitally, while the originals are laminated for permanent preservation. The up to date techniques are being adopted in this process. Till date more than 25,000 documents have been processed. This ongoing project continued in this year also.

These documents are very precious materials for research on 19th century Socio-Cultural History including the process of modernisation of the Bengali literature under the leadership of Bankim Chandra.

**B) Puthi :**

An important component of the archive is a collection of nearly 200 Sanskrit 'Puthis' donated by the descendants of Mm. Haraprasad Shastri. These puthis were used in the 'Toll' of Shastri family since 1760 and comprise of disciplines like *Smriti*, *Vyakaran*, *Tantra*, *Nabya Naya*, *Kavya* etc. Processing these manuscripts for proper preservation as well as preparing a descriptive catalogue of the same are two important research projects undertaken by the centre. Efforts are being made to procure more such puthis from the families in Bhatpara, Naihati, Halisahar, once renowned centres of Sanskrit culture.

A seminar and workshop on the Puthi collection of this institution was held in Bankim-Bhavan on 25th December, 2006 under the scheme of National Manuscripts Mission, Govt. of India, organised by the regional Centre under the supervision of Prof. Ratna Basu of Calcutta University.

**C) A collection of variations of 'Bandemataram' song :**

The Bankim-Bhavan Archive possesses a rich collection of records of 'Bande Mataram' song, sung by eminent musicians, vocalists like Rabindranath Tagore, Pandit Omkarnath, Dilip Kumar Roy and Ms. Subbu Lakshmi and others. These old records have recently been cleaned with the help of HMV and preserved in Compact Disk. This collection is also a rare possession of the Centre which could be used for serious research on music and nationalism.

**Museum :**

The present museum of Bankim- Bhavan Gaveshana Kendra is situated in the 'Baithak-khana' (Parlour), built by Bankim Chandra himself in the year 1862 where most of his literary works were penned. The famous *Bande Mataram* song was also composed here and set to tune by his music teacher famous Jadu Bhatta for the first time.

The personal mementos of Bankim Chandra, rare photographs of his family and associates are neatly displayed in the museum that attracts regular visitors from all over India. New exhibits in thematic units have been arranged, highlighting, in details, the creative activities of Bankim Chandra and his associates and of the period. Protective but transparent covers for the different units of exhibits has been devised and installed in the gallery. In this year 1500 persons visited the museum.

The total collection accumulated could not be displayed due to paucity of space hence an annexe building is contemplated to extend the existing museum. Eastern Railway authorities were moved to handover a piece of land adjacent to the present museum for building the annexe. The present Railway Minister Sri Lalu Prasad Yadav has kindly handed over the piece of land trayed for adjacent to the existing museum.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### Library :

The nucleus of the library of the Bankim Bhavan Gaveshana Kendra was formed collection of books and journals received from Chattopadhyaya family. Presently it has around 7000 volumes of books, bounded volume of journals, off- prints collected from five different sources.

- i. The collection of Chattopadhaya family, donated by Satanjib Chattopadhaya, grandson of Sanjib Chandra.
- ii. The collection of Prof. Manju Gopal Bhattacharya, nephew of Mm Haraprasad Shastri.
- iii. The collection of late Prof. Chintaharan Chakraborty of Presidency College.
- iv. Books received as presentation from Paschim Banga Bangla Academy, Sahitya Sam-sad, Bimal Kar, family members of Samares Basu, Prof Sanat Basu, Sri Ramendra Nath Ghosh, and some others.
- v. Recently a precious personal collection of late prof. Dilip kumar Biswas, nearly 2000 books and journals related to indological studies has been received from his wife Prof. Bharati Biswas.
- vi. Some important reference books have been purchased from Govt. grant.
- v. A precious personal collection of Prof. Chuni Chaudhury, nearly 240 Books and Journal related to historical studies has been received from her daughter Prof. Tapati Majumder.
- vi. Nearly 29 Nos. of the Art Journal Marg received as donation from Dr. Pratapaditya Pal, General Editor, Marg Publication.

In a very short time the library has grown enormously and has become a vital component of this research centre.

### Publication :

#### A) Bangadarshan :

Bankim Chandra established the famous monthly journal *Bangadarshan* in the year 1872-73. Subsequently the journal had been edited by Sanjib Chandra Chattopadhyay, Srish Chandra Majumdar, Rabindranath Tagore, Sailesh Chandra Majumdar and others up to 1955 different phases.

This journal has been revived by Bankim-Bhavan Gaveshana Kendra in the year 2000 as a biannual mouthpiece of the Research Centre. From the very beginning of its publication, the revived

*Bangadarshan* received warm appreciation of our scholarly world. Till now 11 numbers of *Bangadarshan* have already published. The Special issues on famous historian Prof. Niharranjan Roy and the artist Binod Bihari Mukherjee deserve special mention. Special articles also appeared on centenary of the theory of Relativity and the birth centenary of Jean Paul Sartre..

**B) Other Publication Projects :**

- i) ***Haraprasad Shastri Rachana-Samgraha*** : Volume V edited by Dr. Satyajit Chaudhury and Dr. Bijali Sarkar, has already been published by the West Bengal State Book Board during Calcutta Book Fair 2007.
- ii) ***Bangadarshan Parampara*** : A research monograph written by Dr. Bhabatosh Dutta and Dr. Bijali Sarkar. On the history of *Bangadarshan Patrika* successively edited by Bankim Chandra, Sanjib Chandra, Rabindranath & others. This monograph would contains full index of different periods of the publications of this journal. It has already been published in August, 2006.
- iii) ***Bankim Chandrer O Bankim Paribarer Patrabali*** : A definitive edition of letters written by Bankim Chandra and his family members edited by Sri Krishnajiban Bhattacharyya, is also been process for publication.
- iv) ***Rabindranather Bankim Chandra*** : a complete collection of writings of Rabindranath on Bankim Chandra with notes and references, being edited by Dr. Bijali Sarkar is also ready for publication.
- v) Another important monograph in three versions- Bengali, English and Hindi, '***The Source and Variations of Bandemataram-tune***' (***Bandemataram Sangiter Utsa O Sura Baichitra***), a contribution of late Prof. Ananta Kumar Chakraborty being processed. The Hindi and Bengali version have already been published. The English version is also ready for printings.

**Seminars :**

Two very important seminars were organised in this year.

- i) Celebration of Bankim Jayanti on 28th June, 2007. Haraprasad Shastri Jayanti on 6th December, 2007.

**Bangadarshaner Majlish : Regular monthly seminars :**

These seminars are regularly held on last Saturday of the month.

Regular discussions are held on last Saturday meetings about various interesting subjects that covers Art & Literature, History, Education, Health, Music, Cinema, Poetry-Drama-Short Story reading sessions. Nearly 100 interested persons regularly attend this sessions and participate in lively question and answer sessions.



## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### 10.2 CENTRE FOR STUDIES IN SOCIAL SCIENCES, CALCUTTA

R1, Baishnabghata-Patuli Township

Kolkata - 700 094, Ph. : 2462-5794 / 5795 / 7252

Fax : +91-33-2462-6183, E-mail : csscal@vsnl.net, postmast@csssc.ernet.in

The Centre for Studies in Social Sciences, Calcutta (CSSSC) was founded in 1973, mainly with the aim to undertake, promote and co-ordinate research in social sciences, with special emphasis on the problems of the eastern region and West Bengal.

#### **Ongoing Research Activities by Individual Faculty Members :**

1. Sufism in India.
2. Kerala- Bengal Proposal: The ESRC- DFID collaborative project.
3. Development & Democracy: Nandigram.
4. The Black Hole of Empire.
5. Lineages of Political Society.
6. The politics of Poetry: An Investigation into Hindu/ Muslim Representations in Nabinchandra Sen's Palashir Yuddha.
7. Reinscribing City Space: Planning, Development & Displacement in Contemporary Calcutta.
8. The Aesthetics of a Public Festival: Durga Puja in Contemporary Calcutta.
9. Minority Concentrated Districts (MCD).
10. What explains differences in human development outcomes across space? An analysis of education outcomes in India.
11. Urban Governance, participation and the voice of the poor in South African and Indian cities.
12. Socio- Spatial exclusion in Kolkata.
13. Rumour and Communal Conflict Global Market for Indian Classical Music - A Trade theoretic perspective.
14. Reform and Informal labor- A General Equilibrium Approach.
15. Inequality and Quality in Primary Education in West Bengal and Social, Economic and Political Transformation of Selected villages in West Bengal.

16. Understanding Stock Market.
17. Towards an Optimal Corporate Bankruptcy Code.
18. The Dynamic Approach to Pure Strategy Nash Equilibria.
19. Karnataka Mathas.
20. The burden of 'race': reading Foucault against the grain.
21. "Why I am (not) a Muslim?" secularism and the religious political.
22. Ordinary, Routine Violence.
23. Optimal Unemployment benefits and wage inequality.
24. Skill Formation and Choice of Occupation in Developing Countries.
25. Social Exclusion in West Bengal.
26. Asymmetric Information in the Labor Market, Contract Menu and Self-Employment.
27. Smuggling, Trafficking and Exploitation of Unskilled Migrants- Some Analytical Possibilities.
28. Labor Market Issues under Behavioral Economics.
29. The CPIM Machinery: Politics in two West Bengal villages.
30. Approaching the 'Present': Essays on the making of modern subjects.
31. A Whole Climate of Opinion: Two Essays on Sigmund Freud.
32. The Colonial Chronotope.
33. Gender Hygiene Programme for the disadvantaged women in eight districts of West Bengal-Phase II.
34. Participatory Irrigation Management in Kumari Dam, Purulia, West Bengal.
35. Ecological Assessments of small and medium dams in Purulia district, West Bengal.
36. Ecological restoration of a degraded patch of an agricultural land.
37. History of the evolution of ground water abstraction in West Bengal.
38. Intergeneration Mobility.
39. Impact of mid- day meals on child labor.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

40. Role of social cohesion in implementation of poverty alleviation plans.
41. The Body in Third World Feminisms: Toward a Politics of the (Im) Possible.
42. Framing Assam: Some Histories of the Social.
43. Institutional Reforms in Water.
44. Regional Openness and Income Convergence of Indian States – 1980-2004.
45. A Quantitative Study of Tea Industry in India- Market, Pricing and Organisation.

### **Ongoing Projects Sponsored by Outside Agencies :**

1. The South Asia Union Catalogue Phase II Project By National Endowment for Humanities, University of Chicago, U.S.A.
2. RBI Endowment Project by Reserve Bank of India.
3. SEPHIS Resource Centre.
4. Political Ethnography of Rural West Bengal by The Government of West Bengal.
5. Preparation of Village Health Plan in West Bengal by National Rural Health Commission.
6. Minorities Concentrated Districts by Ministry of Minority Affairs, Government of India.
7. Mainstreaming International Trade into National Development Strategy - Consumer Unity and Trust Society, International.
8. History of Advertisement Printed in Bengali Language Project by India Foundation of Arts (IFA).
9. What explains differences in human development outcomes across space? An analysis of education outcomes in India by SRTT.
10. Training in New Social Science Research Methods by NRTT.

### **Ph. D Programme :**

Sixteen scholars are pursuing their doctoral work under the Centre's Ph.D Programme. Apart from this, twenty- five scholars registered in different universities are doing their doctoral work under the supervision of the Centre's faculty members in their individual capacities.

### **Research Training Programme (RTP) :**

Two international students and nine Indian students have completed the RTP course (2006- 2007) in July, 2007. Twelve students including three international students are pursuing the Centre's RTP course, which begun in August 2007 and will end in July 2008.

### **Articles :**

The faculty members published twenty seven articles in edited volumes, nine book review articles, and ten articles in professional journals like Baromash (Bengali), Ababhas (Bengali), Anustup (Bengali), Economic and Political Weekly, Modern Asia Studies, Journal of Policy Reforms, Comparative Islamic Studies, Journal of Indian Anthropological Society and others.

### **Books :**

Three books by the faculty members were published during the period. Seven books by individual faculty members have been accepted by reputed publishers like Oxford University Press, Permanent Black etc, for publication during the immediate future.

### **Seminars/Workshops/Conferences :**

Twelve seminars by visiting scholars and six staff seminars by the Centre's faculty were presented, including five film screenings. The Centre also organized two international workshops during the year.

### **Library Archive :**

The main Library has a collection of about 26, 204 books. 1204 new books and monographs were procured by the library during 2007- 2008. One Indian journalis added besides the subscription to 88 Indian and 104 foreign journals. Altogether 228 journals are received in the library. Out of 36 free journals 50% are foreign journals on Social Sciences. Besides there are JSTOR online journals and the library also subscribes to Indiastat.com, and receives the World Bank materials free of cost as a full Depository of the World Bank. In the Jadunath Sarkar Resource Centre 212 books (Assamese, Urdu, and Bengali) were purchased and 4966 books were added as gift to the collection. The Hitesh Ranjan Sanyal Memorial Archive during the year digitised 330 microfilm rolls from its old holding, mainly the microfilm of periodicals retrieved from the collection of Bangiya Sahitya Parishat. 400 images on advertisement nad commercial art has been retrieved from various sources and added to the archive's collection during the year.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### 10.3 JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH

716, Jogendra Gardens, Kasba, Kolkata - 700 078

Telephone : 2442-8270, 2442-5191, 2442-8269 (Director)

Fax : 2442-5485, E-mail : jbnsts@vsnl.com

Estd. 1st July, 1960

To commemorate the Birth Centenary of Acharya J. C. Bose, India's first modern scientist, this unique institution was established in the year 1958 by visionaries like Dr. B. C. Roy, Sir Jehangir Ghandy, Sir R. Mudaliar and other noted educationists and industrialists. The program was inaugurated by Pandit Jawaharlal Nehru.

#### AIMS AND OBJECTIVES

- To identify talented students at a young age who will emerge as scientists, technologists and doctors of very high abilities in the future and become the "builders of modern India".
- To nurture them through enrichment programs to develop their talents.
- To motivate students to realize the importance of excellence in the scientific world and educate them to cultivate this goal in real life as students of science.
- Conserve scientific talent with a view to provide for the nation's need for science and technology personnel.

#### AREA OF WORK

Financed by the Department of Higher Education, Government of West Bengal, the functions of JBNSTS were primarily limited to West Bengal only. However, from the early 90's, it started to spread its activities to the neighboring states of Eastern and Northeastern Region. Presently, JBNSTS is engaged in a number of projects in collaboration with Dept. of Science and Technology, Govt. of India, Council of Scientific and Industrial Research, Govt. of India, Ministry of Development of North Eastern Region, Govt. of India etc. Apart from that, a project for training of science teachers of West Bengal has been undertaken in collaboration with Sir Ratan Tata Trust, Mumbai. This program is found to be very suitable by the Department of Higher Education, Govt. of West Bengal.

Presently, the activities of JBNSTS are extended to 14 States of India namely West Bengal, Bihar, Orissa, Jharkhand, Chhattisgarh, Assam, Tripura, Arunachal Pradesh, Nagaland, Manipur, Mizoram, Meghalaya, Sikkim and Andaman & Nicobar Islands.

#### STATUS AND FUNCTIONING

JBNSTS is a registered society (Regn. no. S/ 4353 of 1960-61) under Registration of Societies Act, 1860. It enjoys status of a special institution as declared by Department of Higher Education, Government of West Bengal.

JBNSTS undertakes various projects in collaboration with different departments of Central Government as well as State Government and reputed private Organizations, Trusts etc.

JBNSTS has a Governing Body with representatives from Higher Education Department, Government of West Bengal, industrialists, educationists and eminent professionals from various disciplines. Apart from that, there are eminent educationists in the Academic Advisory Board and it is a privilege to get their guidance in all academic matters.

Presently, Chief Patron of JBNSTS is Hon'ble Shri Gopalkrishna Gandhi, Governor of West Bengal. The President is Shri Jyoti Basu, former Chief Minister, Government of West Bengal, and Chairman is Dr. Purnendu Chatterjee, noted industrialist.

With a group of very dedicated staff as its asset, the office “**JB Centre of Excellence for Student Scientists**” is situated at 1300, Rajdanga Main Road, Kolkata 700 107.

### **Programs undertaken by JBNSTS in collaboration with Dept. of Higher Education, Govt. of West Bengal**

- a) **Senior Scholarship Scheme**
- b) **WBDS Program**

### **OTHER PROGRAMS**

#### **a) CSIR Program**

The Council for Scientific and Industrial Research (CSIR), Government of India has been contributing to the talent enrichment of selected scholars since 1962 and has in the past few years extended its support of JBNSTS to cater to undergraduate science students from Bihar, Orissa, Jharkhand and Chhattisgarh.

#### **b) DST Program**

Since 1999, Department of Science & Technology (DST), Government of India has been contributing to a range of Contact Programs for students of the Northeastern States as well as that from Bihar, Orissa, Jharkhand and Chhattisgarh. In the past two years Andaman & Nicobar Islands have been included in this Program.

#### **c) DRDO Program**

This year the Defence Research Development Organization (DRDO), Government of India has sponsored a few programs for the enrichment of senior scholars of the JBNSTS as well as the High School students of the Northeastern States.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### d) SRTT Program

It has been just one year since JBNSTS has launched itself in the field of Teacher's Training in science teaching for middle school science teachers of West Bengal. This venture has been taken up by JBNSTS in collaboration with Sir Ratan Tata Trust, Mumbai, and has been successful in building a community of motivated, goal oriented and skilled middle school science teachers. This project shall eventually be recognized as a strong pedagogic movement within the State.

### e) NER Program

From the year 2005-06, a project to motivate, identify and nurture the young talented science students from 8 northeastern States has been undertaken in collaboration with the Ministry of Development of North Eastern Region. Under this project, high school science students will be motivated to take up science as their future career. Talented students will be identified through talent identification tests and scholarship and book grant will be given to the selected students.

## 10.4 INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

Estd : 1876

2 A & B, Raja S.C. Mullick Road,

Jadavpur, Kolkata - 700 032

Telephone : 2473-4678 / 3372 / 3073

Fax : (91) (33) 2473-2805, 2483-6561

After immediate completion of 125 years and at the juncture of 75th Year of Discovery of Raman Effect IACS continues to strive towards excellence in basic science and allied technology covering several emerging frontline areas of materials research, atomic, molecular and optical physics, molecular science, theoretical science and biology. However, the acute shortage of funds remains a matter of grave concern for its all-round growth and development.

### Research Activity in various departments and units :

#### Biological Chemistry :

In the Department of **Biological Chemistry**, different pathways of cell signaling by Methylglyoxal have been studied; purification and characterization of a novel protein with Glyceraldehyde 3-phosphate dehydrogenase inhibitory property has been achieved and characterization of GAPDH purified from chemical carcinogen induced sarcoma undertaken. *Aspergillus versicolor* biomass had been functionalized by carbon disulfide treatment under alkaline conditions and characterized by ATR-IR, <sup>13</sup>C Solid State NMR, SEM-EDXA & AFM studies and the adsorption capacity of the modified biomass towards mercury had been found to increase by 3 fold over the pristine biomass. Studies

on self-assembling peptide and pseudo-peptide based nanomaterials and their applications in material and biosciences and also the construction of nanomaterials using molecular self-assembly of peptide based dendritic moiety have been done. Investigations were carried out to understand the structure-function relationship of enzyme in membrane mimetic confined systems and to develop novel green medium for biochemical transformations. Also low-molecular weight soft matters were developed for the potent application in advanced materials to biotechnology. Distinct structural alterations of DNA due to binding of a trinuclear platinum cancer drug to DNA were investigated at the single molecule level, and implications linked to apoptosis. Multiple facets of a Scanning Probe Microscopy (SPM) based approach for protein structure characterization were tested using iron-storage protein ferritin. Application of polymer coat for sensing purpose on a cantilever-based sensor array was realized.

**Organic Chemistry :**

In the Department of **Organic Chemistry**, several bio-active natural products, such as allelopathic sesquiterpene heliannuol derivatives, a cancer protective agent enterolactone and vibrindole A, a bacterial metabolite have been accomplished through novel protocols. Green synthetic procedures for several useful reactions like aza-Michael reaction, addition of thiols to unactivated alkenes have been developed using water as promoter and reaction medium. New and convenient procedures for synthesis of gold, silver, palladium and platinum nanoparticles in aqueous medium have been developed. Palladium and copper nanoparticles serve as excellent catalyst for Suzuki, Sonogashira, Stille, and related coupling reactions.

**Physical Chemistry :**

In the Department of **Physical Chemistry** excitation wavelength dependence of ultrafast solvation dynamics and FRET is studied using the femtosecond up-conversion., Magnetic field effect on exciplex emission is used to explore the heterogeneous micro-environment in a reverse micelle. A new set up is being built to study IR and electronic spectroscopy in molecular clusters. Relativistic coupled-cluster calculations have been carried out on parity non-conserving transitions. Several issues in quantum Brownian motion (such as, a quantum equilibrium factor and underdamped quantum ratchet) and effect of external field on mass transport in a reaction diffusion system have been investigated. A parallel GA driven algorithm has been implemented for computing wave function and energy of hydrogen molecular ion and the zero band gap constrained wave function and energies of doped polythiophene and selenophenes.

**Inorganic Chemistry :**

In the Department of **Inorganic Chemistry** studies of oxidation of aromatic amines by polyoxometallates; coordination chemistry of organic pi-radical ligands with paramagnetic metal ions; anion recognition/encapsulation and sensing studies using tripodal and macrobicyclic receptors in solution as well as in solid state were carried out.



## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### Materials Science :

In the Department of **Materials Science**, nanoparticles, nanospindles and nanocubes of nitrides, oxides and silicates are prepared by sol-gel, hydrothermal and solvothermal techniques. Microstructural, optical and magnetic properties of nanostructured materials have been studied. Efficient population transfer to selected vibrational-rotational levels of diatomics by stimulated hyper-Raman process has been investigated within the framework of density matrix. The wave packet dynamics of alkali dimer  $\text{Li}_2$  with the two lowest surfaces coupled by a strong laser pulse has been studied. First principles simulation and design of dilute magnetic semiconductor for spintronics and hydrogen absorption of  $\text{Ti}@\text{Si}_5\text{H}_5$  cluster have been carried out using local spin density method. The calculated structural and magnetic properties of soft ferromagnet,  $\text{CeMnNi}_4$  are in excellent agreement with experiments. The large magnetic moment of Fe in dilute  $\text{Pd}_{1-x}\text{V}_x$  alloys is found to be suppressed by V through a charge transfer process. Single electron tunneling phenomena have been observed in self-assembled quantum structures of Ag on n-type Si(111) surface. Ion beam induced migration of Fe impurity atoms from C layers to the Pt layers in the Pt(Fe)/C(Fe) multilayers has been detected by the X-ray standing wave technique. Polycrystalline fullerene thin films on hydrogen passivated Si(111) substrates irradiated by energetic (2 MeV) protons exhibit ferromagnetism at 5 K. Nonlinear optical and ferroelectric properties of zinc thiourea complexes have been investigated. The structure of andrographiside has been analyzed by X-ray diffraction. Optical, electrical and dielectric properties of polyaniline intercalated into graphite oxide and dispersion of nanosized  $\text{ZrO}_2$ ,  $\text{SiO}_2$ ,  $\text{SnO}_2$  and CdS in conducting polymers have been studied. Structural phase transition of ferromagnetic shape memory alloy  $\text{Co}_{1.28}\text{Ni}_{1.17}\text{Al}$  appears below 270 K. Mesoporous materials with different framework compositions and functionalized advanced mesoporous materials have been synthesized. Up-conversion emission of rare earth doped oxide nanocrystals has been observed after excitation at 980 nm. Photoluminescence properties of  $\text{Eu}_2\text{O}_3$  and coated  $\text{ZrO}_2$  have been studied. A theoretical method of derivation of finite temperature response function of superfluid Fermi gas of atoms has been developed. Giant dielectric permittivity in quasi-one dimensional conjugated polymer chain segments, ultra high capacitance in gold nanowires and metal-insulator transition in polymer nanotubes have been found. Magnetotransport properties of double perovskites have been studied to understand the microscopic understanding of tunneling behavior.

### Solid State Physics

In the **Solid State Physics** Department, growth mechanism of various nanoparticles, nanowires and nanorods embedded in glassy matrices has been investigated using high-resolution electron microscopy. The electrical transport properties and ac relaxation of nanocomposites have been studied in the temperature range 10-350 K. The transport and magnetic properties of mixed-valent perovskite, chalcogenides, and nanostructured materials have been studied. Magneto-structural

instability in transition metal based alloys has been investigated. Electroresistive switching and magnetocaloric effects on manganites system have been analyzed. Synthetically prepared K and Ti doped CuO materials showed temperature independent giant dielectric permittivity, suitable for use in microelectronic devices. Calcium phosphate based bioactive ceramics has been developed. Current rectification in a single nanowire has been achieved by introducing dopants in a section of the nanowire. n-ZnO/p-Si thin film heterojunctions have been fabricated. The junctions exhibit high rectification ratio and show sensitivity to UV light. Molecular dynamics simulations have been performed on a nucleic acid A-DNA decamer and structural transition has been observed in explicit solvent environment. Crystal structures of two hydantoin peptides have been solved via direct-space approach using X-ray powder diffraction data.

### **Polymer Science Unit**

In the **Polymer Science Unit**, The triblock copolymer poly(methyl methacrylate)-b-poly(lauryl methacrylate)-b-poly(methyl methacrylate) which is a potential thermoplastic elastomer has been synthesized by the ATRP route. The PVF2 -camphor gels were dried vacuum and also by solvent replacement method. The porosity of the resulting porous materials were studied by mercury intrusion porosimetry, N<sub>2</sub> adsorption porosimetry and collapsing of pores on vacuum drying was observed. Polyaniline-clay gel nanocomposites with dinonyl naphthyl disulphonic acid (DNNDSA) as dopant has been prepared. Both exfoliated and intercalated clay structures with 600% increase in storage modulus are produced. Nanocomposite of multiwalled carbon nanotubes with poly(3-hexyl thiophene) has showed enhanced mechanical and electroactive properties. Spongy gold nanocrystals with high surface area and flour-like silver nanocrystals have been prepared by modified citrate reduction technique. Spongy gold nanocrystals shows high catalytic activity. Peptide-GNPs have also been assembled into 1D, 2D and 3D structural materials just simple varying the pH of the suspension.

### **Department of Spectroscopy**

In the **Department of Spectroscopy**, studies were conducted on Langmuir Blodgett Films, on SERS and ab initio and DFT study; Ab initio calculations of atomic data under strongly coupled plasma. Studies on plasma embedded exotic systems revealed the existence of Thomas collapse phenomena in few body systems Development of method to study the spectroscopic properties of weakly bound molecules was undertaken. In coherent control of vibrational distribution, dissociation yield can be achieved by using delayed phase-locked ultrashort pulses. Analytical method for calculating ground state properties, excitation frequencies of atomic BEC considering higher order nonlinearities have been proposed. The investigations by using steady state and time resolved spectroscopic techniques on the novel synthesized methoxynaphthalene dyad MNCA demonstrate that a single stable isomer of E-type is formed in the ground state which was found to remain unchanged in geometry even

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

after photoexcitation Dielectric and conductivity studies have been made on CNT doped liquid crystal. A sharp and discontinuous jump of the Conductivity of the planar aligned CNT -doped liquid crystal has been observed for a certain d.c. bias field. It can be used as switching device. Field Emission Scanning Electron Microscopy (FESEM) has demonstrated spectacular changes in the morphology of thin films of copper (II) phthalocyanine (CuPc) deposited on gold coated quartz substrates at different substrate temperatures under normal atmosphere A fully automated programmable "Layer-By-Layer Sequential Adsorption" instrument has been designed and fabricated.

### Theoretical Physics

In the department of **Theoretical Physics**, the stability problem of the Randall Sundrum braneworld has been reexamined and it has been shown that even in the presence of stabilizing bulk fields the instability persists because of back reaction and that a scalar field can stabilize a braneworld only when it has a tachyon like action. The phenomenology of the wino LSP as obtained in the AMSB and some string models have been studied. A new approach to non-equilibrium statistical mechanical problems has been designed by using a fictitious time variable. This helps understand the connection between some growth models and fluid turbulence. Composite overlapping tRNA genes and the mechanism of alternate intron splicing has been successfully treated.

### Energy Research Unit

In the **Energy Research Unit**, photoluminescence studies on Nanostructured ZnO:Al films, prepared under different gas ambients reveals interesting results. ZnO:Al films have been prepared using DC magnetron sputtering instead of RF sputtering. Fabrications of single junction solar cells using protocrystalline and Nanocrystalline silicon are being done on 10cmx10cm area. Six cells have been integrated in series using laser scribing technique. Amorphous silicon-germanium thin films with high ambipolar diffusion length and low optical band gap have been deposited. The material has been applied in single and multijunction solar cells. Development of hydrogenated micro- and nano-crystalline silicon is in the research agenda. The nc-Si:H films are being prepared from helium diluted silane plasma and optimization of the process parameter is being done. The powder formation in the discharges of a mixture of silane-methane and silane-germane has been studied with the help of HRTEM. Modelling of double heterojunctions with intrinsic thin layers on P-c-Si wafers, has been continued. Using our detailed electrical-optical computer simulator, ASDMP, we find that the defect states on the surface of the c-Si wafer play a dominant role in limiting cell performance. Modeling indicates that the defects on the front surface of the c-Si wafer, mainly affect the open- circuit voltage, with the fill factor also showing a considerable decline. On the other hand, the defects on the rear surface of the wafer predominantly degrade the short -circuit current density and fill factor, but only when their density exceeds  $10^{12}$  cm<sup>-2</sup>.

On the general institutional front, substantial initiatives have been taken the area of infrastructure augmentation, both in terms of state-of-the-art equipments and in terms of quality laboratory space. Several new interdisciplinary programmes have been either conceived or initiated. Some of these include the successful operationalisation of the Centre for Advanced Materials which has provided a forum for active interaction among scientists from diverse disciplines having interest in materials research and has been instrumental in setting up multiuse equipment facilities. Apart from this there has been initiation of the Aneesur Rahman Centre for High Performance Computing for high-end computation and the Centre for Atomic, Molecular and Optical Sciences. The Mission Programme for Technopreneurship has progressed further towards criticality. Two technologies are being transferred to industry and two industrial R&D projects are being commissioned. Other projects are on the pipeline. The TIFAC has identified IACS as the Nodal Centre for the Intellectual Property Consortium for DST institutes in Kolkata for providing patent information and search facilities.

Approximately 300 publications have been reported till date with around 35 PhDs being awarded. Nine major awards and distinctions have been conferred which include one B.M. Birla Science Prize for Chemistry, one TWAS prize, two Ramanna Fellowship, two J.C. Bose Fellowships, one Ramanujan Fellowship, one TWAS fellowship and one fellowship of the Indian National Science Academy. Several scientists delivered invited lectures abroad.

Active consultations are under way with the Government for acquiring a plot of land in a suitable location in and around Kolkata to accommodate the second campus of the institute. This campus is proposed to house the technology intensive activities, laboratory complexes for interdisciplinary studies and also a modern conference complex.

### 10.5 INSTITUTE OF HISTORICAL STUDIES

Estd : 1961  
35, Theatre Road  
Kolkata - 700017  
Phone : 2247-5236

The Institute of Historical Studies, Kolkata, founded by Dr. S. P. Sen, in April, 1961 as a pioneering organisation devoted to the cause of historical study and research completed the forty-fifth year of its fascinating history of sustained growth to attain a phenomenal height in the academic world. His dynamic and dedicated leadership enabled the Institute as his spiritual child to receive in its early formative phase the warm and enthusiastic support of scholars and academicians all over India and abroad on its way to becoming what it is today – a leading all India academic forum for the advancement of historical knowledge with international recognition. The institute is now an autonomous body, financed by both the Government of India and the Government of West Bengal on 50 : 50 basis.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### 10.6 PASCHIM BANGA ITIHAS SAMSDAD

Sarat Bose Bhavan,  
1, Woodburn Park, Kolkata – 700 020

Paschim Banga Itihash Samsad is one of the largest regional associations of professional historians, history- inclined academics and lay persons in India. It has maintained close link with the Indian History Congress for more than a decade now. The organization has more than 2000 members.

#### OBJECTIVES

The PBIS has consistently tried to promote the cause of teaching and research in history through the Bengali language and maintain links with other regional associations pursuing similar goals. It has also directed its efforts towards upholding secular and scientific values in all history – related endeavors. It has continued to devote its attention to rationalizing and updating the history curriculum followed in schools, colleges and universities of West Bengal. The publications of books and compilations of articles continued to form an integral part of Samsad's activities. The PBIS also organizes special lectures on education, political thought and historical geography apart from social and economic history of India.

#### PUBLICATION

1. **Itihash Anusandhan**, Vol 17, 816 pages.
2. **Itihaser Prekhite Kolkatar Sankhalaghu Sampradai** (Edited by Sk Makbul Islam)
3. **Paradhiner Romantikata o Jugosandhir Rabindranath** by Professor Malini Bhattacharya, Jadavpur University
4. **Banglar Nabajagarane Sangati Asangatite Vidyasagar** by Professor Ashok Sen.

### 10.7 THE RAMKRISHNA MISSION INSTITUTE OF CULTURE

Estd. 1938  
Gol Park, Calcutta - 700 029  
Telephone : 2464-1303, Fax : (91-33) 2464-1307, E-mail : rmic@vsnl.com

The Ramakrishna Mission Institute of Culture, one of the main branch centers of Ramakrishna Mission with Headquarters at Belur Math, Howrah, West Bengal, presently located at Gol Park, in South Kolkata has always striven for upgrading the cultural values through the dissemination of the basic teachings of Vedanta as interpreted by Sri Ramakrishna and Swami Vivekananda and demonstrated through their divine lives and teachings. In its nearly seven decades of existence, the

Institute has come to occupy a significant place for the philanthropic, cultural and educational activities through the dissemination of Indology, especially on Indian philosophy and culture in all aspects.

### **Activities during the year 2007-2008**

#### **Institute as Heritage Building :**

The most important and heartening event that took place during the year under report was that Kolkata Municipal Corporation had declared the Institute Building as "Heritage Building". A memorandum of understanding (MOU) has been signed between Kolkata Municipal Corporation authorities and the Institute authorities.

#### **Foundation Day Celebration :**

With a day-long programme the Institute celebrated its 70th Foundation Day on 28 January 2008.. Mr Gopalkrishna Gandhi, Governor of West Bengal attended the Reception and went round the Children's Art Exhibition set up by the Sarada Devi School of Arts and Crafts. The Governor presided over the Foundation Day meeting. The Foundation Day Oration was given by Padmabhusan Professor U. R. Rao, Chairman, PRL Council (Former Chairman, ISRO & Secretary, DOS) on "Harmony in a Divided World".

#### **Anniversary Celebration of Sri Sri Thakur, Sri Sri Ma & Swamiji :**

To mark the 145th Birth Anniversary of Swami Vivekananda, a Grand Music Festival on 12th January 2008 was inaugurated by Swami Sarvabhutananda. As in previous years, this year too the Institute celebrated birth Anniversary of Sri Ramakrishna, Sri Sri Sarada Devi and Swami Vivekananda with a colourful procession followed by Rally, on Nazrul Mancha on Sunday, 24th February 2008. At the Rally devotional songs were sung. The function at Nazrul Mancha started with Vedic chanting.

#### **Cultural Programmes :**

As a part of the Institute's regular activities for the spread and promotion of knowledge and promotion of higher values, the Institute, throughout the year, maintains, a busy schedule of lectures, seminars, symposia, music programme etc. 269 Public functions were also held throughout the year. The Institute also conducted an All-India Elocution Competition on Swami Vivekananda in which there were 460 contestants from various Schools and Colleges and 73 Candidates won prizes.

#### **Library :**

One of the busiest departments of the Institute is its Library in a well-ventilated, adequately illuminated spacious Reading Room in a computerized environment with the average daily attendance of 1687

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

readers. The Library has three wings -General., Children and Junior Section. The number of books purchased, obtained as gifts and bound periodicals during the year under report was 6056 raising the stock to 2,32,836 (General 2,10,325, Junior 7498, Children 15,013).

### Value Orientation Programme :

To encourage young people to imbibe the ideal of the Ramakrishna Mission the Institute started a Youth Forum called Vivekananda Study Circle and later another youth wing called **Vivekananda Anushilan** for a deeper study of life and philosophy of Swami Vivekananda. The Vivekananda Anushilan conducted 26 sessions and Vivekananda Study Circle conducted 18 sessions. The Institute in its Value Orientation programme carried a man-making message of Swami Vivekananda further to the youth at large through 211 Youth Conferences held in 11 districts of Kolkata, Howrah, Hooghly, Nadia, Burdwan, Bankura, Murshidabad, Paschim Medinipur, Purba Medinipur, North and South 24 Parganas in which 40,625 youth participated; 11 district-level Youth Conferences were held in Hooghly, Nadia, Bankura, Murshidabad, Howrah, Paschim Medinipur, Purba Medinipur, North and South 24 Parganas and also one District Level Teachers' Conference in the district of Nadia in which 350 teachers participated. Besides this 2 Central Youth Conventions were held on 25.5.2007 and 2.12.2007 at the Institute in which 2300 youth delegates and 300 observers participated.

### Value Education Programme :

In pursuance of the guidelines framed by the Secondary and Higher Education, Ministry of Human Resource Development, Govt. of India, the Institute organized Value Education Programme involving three vital sectors of the society, namely students, parents and teachers. In the Value Education Workshop, 304 senior students, (boys 167 and girls 137) participated in a five-day class room session during 6 -11 September 2007 and they took part in a two-day long service-oriented project work at Gopalpur village during 24- 25 November 2007.

### Publications :

The Institute's activities towards the dissemination of knowledge in different disciplines are supported by its publications and the Institute has a very active and productive Publication Department. The monthly **Bulletin** with contributions from eminent scholars on culture in all its aspects was regularly published. Among other publications brought out this year by the Department, mention may be made of the **Punthi ; Uttara-Gita ; Sri Ramakrishna in the Eyes of Brahmo and Christian Admirers; Spiritual Values to Live by; Religion: Theory and practice, and shabdaparokshabad**. A good number of the Institute's earlier publications were reprinted during the year.

**Vivekananda Archive :**

**Vivekananda Archives**, as a wing under the Centre for Indological Studies and Research of the Institute has been engaged in the collection of all kinds of materials, specially publications in all languages- Indian and foreign (i) on and by Sri Ramakrishna, the Holy Mother, Swami Vivekananda and his brother disciples sannayasins of the Ramakrishna Order and other personalities related to the Ramakrishna-Vivekananda Movement. (ii) Thoughts and ideas expressed in Swamiji's work (iii) Reference to the personality of Swamiji in the Western Press and also help research scholars on the same subject.

**Museum and Art Gallery :**

The Museum and Art Gallery has developed, as a place of interest, to the art-loving people of the city of Kolkata. It helps people gain a representative knowledge of Indian Art in its diverse forms. It has 5 major sections -Paintings, Sculpture, Folk Arts, Manuscript and Metal Wares. There are altogether in the Art Gallery 1220 objects. During the year Museum did not purchase any objects. 18 objects were rather gifted or donated by Sri Nihar Ranjan Chakraborty and Mrs Mira Dutta, to enrich collection of the Museum. During the period, Museum and Art Gallery sent 42 rare articles (Painting, Textile, Manuscript) for restoration to INTACH. The Annual Art Exhibition of the Sarada Devi School of Fine Arts and Crafts was held on 28 January 2008. Hon'ble Governor, Mr Gopalkrishna Gandhi went round the Exhibition set-up by the children. A major Academic Programme of this department is to run a ten month Post-graduate Diploma Course comprising 75 modules in **Appreciation of Indian Art** which is recognised by Kavi Kulaguru Kalidas Sanskrit University Nagpur. More than 30 Art Historians, Art critics and Artists are attached as faculty .The Convocation for the Academic Session 2006-07 was held on 13 November 2007. 60 students have been admitted for this course for 2007.

**Centre for Indological Studies and Research :**

In pursuance of the objective that Research is the inherent and continuous activity of this Institute, the Centre for Indological Studies and Research carried on, during the year under Report, research work with scholars of the country and abroad. The Centre conducted, like previous years, this year too very successfully P. G. Diploma Courses in Indology, Functional Sanskrit and Appreciation of Indian Art. A nine-month much appreciated course in "**International Understanding for Human Unity**" was also conducted with the support of UNESCO and the Ministry of Human Resource Development, Govt. of India where reputed academics from different parts of the country and representatives from UNESCO share their knowledge and experience when delivering lectures to the participants of the course. 14 Pre-doctoral and 5 Post-doctoral scholars and 7 scholars are working in various projects. The Centre organized a 3-day International Seminar on "Consciousness -Recent Advances" during 18-20 January 2008. Two Sanskrit Workshops -Preliminary and Advance were held this year. A fifteen-day Sanskrit Preliminary level Workshop was conducted from 18th



## **RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS**

February to 5th March 2008 to promote Sanskrit language. The Convocation of the Centre was held on 13 October 2007. The Centre also organized two Preparatory Workshops on "Historical Evaluation of India".

### **School of Languages :**

One of the major wings and centre of activities of the Institute is its School of Languages. During the year under Report the School teaches 17 languages: 5 Indian -Bengali, Hindi, Sankrit, Tamil and Urdu and 12 Foreign -Arabic, Chinese, English, French, Germany, Italian, Japanese, Latin, Persian, Portuguese, Russian and Spanish. The total emolment during 2007- 2008 was 19,208. English language accounted for 82.46% of the total emolment. This year 325 students were exempted from paying their tuition fees and 166 scholarships were given to needy and meritorious students of the English Languages Course. Sri Pradip Chowdhury of London donated 120 Oxford Dictionaries to deserving candidates of English Languages. The Tulsi-Beena Goswami Debate Competition was held on 6 October 2007. The topic was "In the Opinion of the House Tradition and Modernity cannot go hand-in-hand". A Heiku Session was conducted on 13 November 2007 by the internationally known Heiku Poet Ms. Emiko Miyashita in the presence of Motoyoshi Noro, Consul General, Consulate General of Japan and a renowned Bengali author Sri Sunil Gangopadhyay.

### **Educational Assistance :**

During the period under Report, with the income from endowments created by the donors the Institute gave a large number of scholarships and stipends to needy but meritorious students. Besides this, 4 scholarships of Rs. 1,00,000/-each for higher studies abroad were awarded to 4 scholars through Debesh-Kamal Scholarship; and a few more scholarships to medical students in West Bengal. The total educational assistance rendered by the Institute during the year is Rs. 18,26,400/- .

### **Charitable Work among Slum Children :**

During the year under Report the Institute served 1/2 liter milk and 200 gm bread, a bun bread everyday to poor children up to 6 years of age. They were given Puja garments, and blankets. Besides this, 150 Pieces of blankets were given to the poor, old destitute in Winter.

### **International House :**

The Institute has an International House meant for Institute's guests, scholars and students from various parts of India as well as abroad. They help create the bridge which unites minds and spirits of the people with different backgrounds. During the year under report 3380 guests stayed at this International House of which 2218 came from India and the rest from various other countries like U.S.A., U.K., Germany, Canada, Japan, Australia, Bangladesh, China, Korea, Italy, Nigeria, Romania, Thailand etc.

## 10.8 SOCIO-ECONOMIC RESEARCH INSTITUTE

Date of establishment : 7th July 1959

C-19, C-39 & P-16 (Tower Block), College Street Market, (1st Floor), Kolkata - 700 007

Phone : +91(033) 2241-0775, Fax : +91(033) 2219-8169

E-mail : socioecoresearch@vsnl.net

The Institute is devoted to the study of social and economic problems of India, past and present. Prof. Asis Kumar Banerjee is the President and Prof. Durga Prasad Bhattacharyya is the present Secretary of the organisation.

**The ongoing research projects of the Institute are the following :**

**1. Pre-Census Population Project of India sponsored by the Planning Commission and the Registrar General, India :**

The purpose of the project is to compile and publish descriptive and statistical materials on any part of India — Provinces, districts, cities, towns, taluks, thanas, villages from the ancient period of 1870 when the first census was conducted. It is proposed to publish 8 volumes, one volume for the period up to 1800, and one for each decade from 1801 to 1870. Four volumes relating to the period 1801-1840 have been published by the Registrar General, India. The manuscripts for Volume VI (1841-1850) and Volume VII (1851-1860) is ready for publication by the Registrar General, India.

1.1 The Registrar General, India has sanctioned a grant of Rs. 12,89,400 for compilation of three volumes - 5000 B.C. to 1800 A.D., 1861-1870 and a residual volume.

**2. A Bibliography of Bengali writing on social sciences 1948 onward sponsored by the Indian Council of Social Science Research (ICSSR), Union Ministry of Human Resource Development :**

The Institute has compiled a bibliography of economic and sociological writings in Bengali up to 1950 with the support of the ICSSR. The Paschim Banga Bangla Academy has published the bibliography of economic writings in Bengali. The Institute has completed a catalogue with annotation of books and articles for a bibliography of all branches of social science from 1948 to 1990 and the manuscript of secondary sources is ready for publication.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

3. **Economic History of India: Documents. 1858-1901—Agriculture and Irrigation—sponsored by the Indian Council of Historical Research (ICHR), Union Ministry of Human Resource Development :**

Two volumes of the manuscript are in the press.

As requested by the ICHR, a proposal for compilation of materials on agricultural and irrigation of India has been submitted to them with a budget of Rs. 6 lakhs.

4. **Bengali Writings on Science and Technology, 1800-1950 :**

The Institute is going to publish Bengali Writings on Science and Technology, 1800-1950. The West Bengal Government has sanctioned a grant of Rs.25,000. The manuscript is being processed for publication.

### 10.9 SRI SRI SITARAMDAS OMKARNATH SAMSKRITA SIKSHA SAMSDAD

107, Southern Avenue, 'Vaikunthadham',  
Kolkata - 700 029  
Ph : 2466 4983

The Samsad which was founded in 1986 and registered under the West Bengal Societies Registration Act, is dedicated to the cause of Sanskrit and Vedic learning as also dissemination of the message of Indian Culture throughout the Country. It is recognised by the Government of West Bengal and the Government of India and is receiving grants from both the Government. It is progressing slowly but steadily towards attaining the status of centre of excellence. With a view to achieving its aforesaid objectives, the Sam sad undertook the following activities during the year '2006-07'.

#### **Activities during the year 2007-2008 :**

The Samsad has become the premier institute in the Eastern Region of the country imparting instructions in Sanskrit and other oriental subjects in accordance with syllabus prescribed by the Government of India. It is also concurrently running a very important traditional course leading to the titles of 'Adya', 'Madhya' and 'Upadhi', through Examinations conducted by the Vangiya Sanskrita Siksha Parishat, a wing set up by the Government of West Bengal to monitor Sanskrit learning in the State. Performance of its students in these examinations during the year was very satisfactory. Alongwith these courses students are also being taught in modern subjects and Computer Application

## CHAPTER - 10

with the ultimate object of preparing them to sit for the Secondary Examination. Infact four students will be appearing at the secondary examination 2009. This will, no doubt, enlarge the scope of their employment. During the year in question, the Samsad had been maintaining 65 students in its four units.

During the year two of its students who completed their 6-year Vedic course and who were thus eligible to appear at the Final All India Examination held annually by Maharshi Sandipani Rashtriya Vedavidya Pratishthan at Ujjain passed the said examination creditably. It is highly encouraging that one of them secured first class first rank. This will, no doubt, give tremendous inspiration to the junior students.

The Samsad has a publication wing and a few books on Indology, Sanskrit and Bengali literature have already been published and few others are under process. The following the titles published till date by the Samsad :

1. Sreemad Bhagavatam with Bengali Translation and notes.
2. Sreemad Bhagavadgita with Bengali Translation by Ananta Kumar Dutta.
3. Sreemad Bhagavadgita (abridged edition).
4. Pravat Suryer dese by Dr. Arati Mukherji.
5. Purano sai diner Katha by Dr. Arati Mukherji.
6. Vaisnav Sristi Samiksha by Professor Debranjana Mukherji.
7. Saktapadavali O' Sakti - darsan by Professor Debaranjan Mukherji.
8. The Art of Life: General Editor Professor Ramaranjan Mukherji.
9. Anthology of Sanskrit Poetics: General Editor Professor Ramaranjan Mukherji.
10. Glimpses of Indian Civilisation by Dr. Parthasarathi Mukhopadhyay.
11. Some aspects of Ancient Indian Political, Legal and Social Thoughts by Dr. Ramnarayan Mukhopadhyay.
12. Meghadutam edited by Mahadev Chandra Pal. (In Press)

The recent publication titled, "Meghadutam" written in Bengal by Dr. Arati Mukherji which is based on a series of lectures delivered in Sanskrit by Professor Ramaranjan Mukherji at the Ramakrishna Mission Institute of Culture, Gol Park was released by His Excellency Sri Gopal Krishna Gandhi, Governor of West Bengal at a function held at Raj Bhavan on July 13, 2007.

The Samsad had already set up a cultural unit, which holds such cultural programmes as would promote Indian culture. Besides, research works in different areas of Indian culture and performing arts are being carried on in this Unit.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

The Samsad does not confine its activities to traditional subjects alone, but it tries to make its students conversant with some basics of science and new scientific developments through discourses on various scientific topics. During the year arrangements have been made for certain sports and games. The students are now regularly playing Football and Cricket in the afternoon in the adjoining field.

The Foundation Day of the Samsad duly observed on September 5, 2007 at Vaikunthadham, 107, Southern Avenue, Kolkata- 700 029. On this occasion a Wall-Magazine titled, "Sura-Sristi" with contributions from the students only was inaugurated. The Foundation Day Oration was delivered by Justice Susanta Chattopadhyay, Formerly Chief Justice, Orissa High Court and the function was presided over by Professor Ramaranjan Mukherji.

As in previous years, this year also Samsad held its own Examination at Kolkata in 'Adya', 'Madhya' and 'Upadhi' in accordance with syllabus drawn by the topmost scholars in the country. The Examinations evoked keen interest and as many as 650 candidates from various districts appeared thereat.

The Samsad has already established itself as one of the leading Research Institutes in the country. As recommended by the State Government the following projects were earlier allotted to it by the Government of India :

(i) Compilation of Anthology; (ii) Art of Life; (iii) Compilation of a Dictionary of Sanskrit Poetics; (iv) Iswar Chandra, Bankim Chandra, Swami Vivekananda, Sri Aurobindo and Rabindranath Tagore in Sanskrit. (v) Translation of certain Sanskrit Texts into Bengali.

While some of the projects have since been completed, works in respect of others are making satisfactory progress.

### 10.10 RAMKRISHNA MISSION ASHRAMA

Narendrapur, Kolkata - 700 103

Phone : 2477-2201, E-mail : rkmcnpur@vsnl.com, Fax : 2477-3597

Principal : Swami Asaktananda

The Ramkrishna Mission Ashrama, Narendrapur, is a premier branch centre of the Ramkrishna Mission with a wide range of activities. It had a very humble beginning as a Students' Home for college students in North Calcutta in 1943 and later on shifted to its present site in 1957. The campus occupies an area of 150 acres with a road length of 7 km and stays rich green throughout the year. The activities of the Ashrama can be classified as :

**Activities and Achievements during 2007-2008****Academic Attainments :**

M.Sc. Course : (in Chemistry)

Year	Percentage of success	First Class holders
2007	100%	All 20 Students

B.A., B.Sc., (Honours) Courses :

Year	Percentage of success	First Class holders in Honours
2007	100%	49 (Phy. 15, Chem. 9, Math 9, Stat. 8, Eco. 2, Comp. Sc. 7, Hist. 1)

**Research Institute and Autonomous Voluntary Organisations :**

Student were successful in the Joint Admission to M.Sc., 2007-08 :

	Chemistry	Sttistics	Mathematics	Physics
IIT	9	11	2	4
IISC	1	-	-	2
BHU	1	-	-	-
DU	1			
IACS	1	-	-	-
ISI	-	3	-	-
DSE	-	2	-	-
ASI	-	-	1	-
Pune University	-	-	-	2
	<b>13</b>	<b>16</b>	<b>3</b>	<b>8</b>

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### Placement :

**M.Sc. (Chemistry) Part-II, 2008**

**NET Qualified** : 8(CSIR); 3(UGC); 1(LS) = 12

**GATE** : 13

### Research Work :

Chemistry : "Coordination Chemistry of Organic Radicals" (CSIR, New Delhi)

### Research Fellow :

- 1) Sri Amit Saha Roy
- 2) Sri Sarat Chandra Patra
- 3) Sri Manas Kumar Biswas
- 4) Sri Sourav Bhunia
- 5) Sri Satyabrata Chowdhury

Supervisor : Dr. Prasanta Ghosh

### Physics :

1. "Studies on Double Excitation and Double Charge transfer of He by bare ions" (DST).
2. "Couples Channeled calculations .....ions 10-200 kv/amu" (CSSIR).
3. "Double Charge transfer of He ..... " (Minor Project under UGC)

Supervisor : Dr. Malay Purkait

### Game and Sports :

Regular training is given to the students to develop skills in sports, physical exercises and athletics. They played a number of friendly football, cricket and table tennis matches and participated in several tournaments organised by C.A.B and C.U in 2007-2008. The college also co-hosted the 9th Inter Non-Government College Athletic Meet and Football championship 2007-2008 at the District level along with the Department of Education, Government of West Bengal held between 23rd February and 4th March, 2008. The Annual College Sports was held on 14th and 15th December, 2007 at our Ashrama Sports complex. Our college participated in the Inter-College Cricket Championship organised by the Department of Sports, Calcutta University in 2007-2008.

**Social Service (NSS) :**

Social service camps are organised by the N.S.S. unit in rural areas where students and teachers work in collaboration with the local youth. Usually the regular programme of work includes road construction, road repair, cleaning tanks, adult literacy work, sale of T .B. seals, giving dictation to the blind boys, conducting classes for poor local students and the like. On 8th December, 2007, 132 students and inmates donated blood at a blood donation camp organised by the NSS Wings.

**N.C.C. :**

Altogether 50 NCC cadets attended various camps (CATC, NIC, AAC, ATC, Trekking) during the year 2007-2008 at different places within and outside the state. 16 NCC cadets successfully completed their 'B' Certificate Exams, 2007. The ANO of the college attended the CATC-I, organised by the 20 Bengal Bn. NCC at Diamond Harbour (02.03.2008 to 11.03.2008). Our cadets won a number of awards and medals in various camps viz. "Best Camp Senior" award, "Best Anchor" medal, "Essay Competition Prize" etc. About 14 cadets are expected to write "C" Certificate Exams and 42 cadets to appear in "B" Certificate Exam, 2008 (to be held in the months of March and April, 2008 respectively).

**Seminar and Lecture :**

- Prof. Dr. Radha Ballabh Tripathi, Head, Department of Sanskrit, Sagar University (MP), delivered a seminar lecture on "Sanskrit Literature and Reconstruction of the History of India" on 01.01.2007.
- Sri Gourav Sinha of Khalsani Mahavidyalaya (Burdwan University) delivered a seminar lecture on "Debate on Feudalism in Ancient and Early Medieval India" on 24.03.2007.
- Prof. Arun ahosh, Professor of Chemistry and Medicinal Chemist~T, Purdue University, USA, delivered an illuminating seminar talk on Medicine in Organic Chemistry on 06.08.2007.
- Prof. C.S. Aravind, TIFR (Tata Institute of Fundamental Research) delivered a lecture on Poincare Conjecture on 18.08.2007.
- Dr. Debanjan Chakraborty of British Council, Kolkata and an ex-student of this college, spoke on "Modernism and Media" at a seminar organised by the Department of English on 28.09.2007.
- A seminar on Voluntary Blood Donation was held at the College Hall on 07.12.2007. Dr. Debabrata Roy spoke on the need of Blood Donation.



## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### 10.11 CALCUTTA MATHEMATICAL SOCIETY

AE-374, Sector-I, Salt Lake City

Kolkata - 700 064

Phone : (91) (033) 2337-8882

Fax : (91) (033) 2337-6290

The Calcutta Mathematical Society (CMS) undertook various activities during the year 2007- 2008, related to the development of teaching and research in Mathematics and Mathematical Sciences for which objectives the Society was established in 1908 at the Senate House of Calcutta University with Sir Asutosh Mookerjee as the founder President and Sir Gurudas Bandyopadhyay as one of its founder Vice-Presidents. It is carrying on its distinct culture, heritage and its independence. It is now in the voyage its Centenary. It is one of the oldest Mathematical Society of the World and is now recognized as International Center of Excellence.

#### **Major activities and achievements during 2007-2008 :**

**Publication of Journals :** The Society published all its four internationally recognized series of journals namely "Bulletin of the Calcutta Mathematical Society", "News Bulletin of Calcutta Mathematical Society", "Review Bulletin of the Calcutta Mathematical Society", and the new title "Journal of the Calcutta Mathematical Society" for the year 2007 in time.

Several valuable research articles of the eminent scientists of the world like Henry Poincare, W.H.Young, H.Lamb, G.H Hardy, W.Sierstinski, F.Riesz,A.R.Forsyth, D. Smith, M. Frechet, E.T.Whittaker, Meghnad Saha, C.V.Raman, S.Chandrasekhar, S.N.Bose, Ganesh Prasad and many others were published in the Bulletin of the Calcutta Mathematical Society, which were bound and kept in the library.

#### **Other Publications of the Society :**

- Silver jubilee volume of the Calcutta Mathematical Society.
- Golden jubilee volume (Part I & Part II) of the Bulletin of the Calcutta Mathematical Society.
- Sir Asutosh Mookerjee Birth Centenary Commemoration volume of the Bulletin of the Calcutta Mathematical Society (1964).
- Proc. of the Seminar on Scientific Contributions of Professor S.N.Bose (1973)
- Diamond –cum-platinum Jubilee Commemoration volume (1984)
- Research monograph of eminent Indian and Foreign mathematicians.
- Proc. Of the International Symposium on Recent Advances in Mathematics and its Applications- ISRAMA 2006.

**Library :** Over the years the library of the Society has attained the distinction of being one of the richest libraries in the country particularly in the field of Mathematics and Mathematical Sciences.

Library has now more than 20,000 volumes of books and journals altogether. The Society has exchange relations with more than 100 different Universities, Institutions and Learned Societies all over the world under 'Journal Exchange programme'. Society now receives 120 foreign journals from USA, UK, Japan, Yugoslavia, China, Korea, France, Australia, Germany, Spain, Czechoslovakia, Italy, Poland, Canada and 25 journals from different states of India. Library also maintains manuscripts and letters of Professor S.N. Bose, life history of Professor Bhubuti Bhusan Dutta (later known Swami Vidyanaraya). Several valuable papers of the eminent scientists of the World like Henry Poincare, W.H. Young, H.Lamb, G.H Hardy, W.Sierstinski, F.Riesz, A.R.Forsyth, D. Smith, M. Frechet, E.T.Whittaker, Meghnad Saha, C.V.Raman, S.Chandrasekhar, S.N.Bose, Ganesh Prasad and many others had been published in the Bulletin of the Calcutta Mathematical Society, which were bound and kept in the library.

### **Academic activities of the Calcutta Mathematical Society :**

**Seminar & Symposia :** The Society organized National Seminar and International Symposium with the financial support from the Govt. of India and Govt. of West Bengal.

**National Seminar :** The Society organised a National Seminar on 'Mathematics Education and Research in India' during 6-8 September, 2006 to celebrate its 99th Foundation day. More than one hundred Mathematicians and Physicists from different states of India participated in this Seminar.

**Library :** Over the years the library of the Society has attained the distinction of being one of the richest libraries in the country particularly in the field of Mathematics and Mathematical Sciences. Library has now more than 20,000 volumes of books and journals altogether. The Society has exchange relations with more than 100 different Universities, Institutions and Learned Societies all over the world under 'Journal Exchange programme'. Society now receives 120 foreign journals from USA, UK, Japan, Yugoslavia, China, Korea, France, Australia, Germany, Spain, Czechoslovakia, Italy, Poland, Canada and 25 journals from different states of India. Library also maintains manuscripts and letters of Professor S.N.Bose, life history of Professor Bhubuti Bhusan Dutta (later known Swami Vidyanaraya). Several valuable papers of the eminent scientists of the World like Henry Poincare, W.H.Young, H.Lamb, G.H Hardy, W.Sierstinski, F.Riesz,A.R.Forsyth, D. Smith, M. Frechet, E.T.Whittaker, Meghnad Saha, C.V.Raman, S.Chandrasekhar, S.N.Bose, Ganesh Prasad and many others had been published in the Bulletin of the Calcutta Mathematical Society, which were bound and kept in the library.

### **Academic Activities of the Calcutta Mathematical Society**

**Seminar and Symposia :** The Society organized National Seminar and International Symposium with the financial support from the Govt. of India and Govt. of West Bengal.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

**National Seminar :** The Society organized a National Seminar on 'Mathematics Education and Research in India' during 6-8 September, 2007 to celebrate its 100th Foundation Day. More than one hundred mathematicians and physicists from different states of India participated in this seminar. Special lectures were arranged in memory of renowned mathematician, Professor S. C. Dasgupta (former DPI, West Bengal) and in memory of Professor M. C. Chaki, former President of the Calcutta Mathematical Society on 6th. September, 2007. Professor B. N. Mondal (ISI, Kolkata) and Professor A. Chakrabarti (IISC., Bangalore), the students of late Professor S. C. Dasgupta delivered the lectures in memory of Professor S. C. Dasgupta. Professor U.C.De (Kalyani University) delivered the lecture in memory of Professor M. C. Chaki.

This meeting fostered friendship among the scientists of the participating countries.

**Memorial lectures :** Society organized several memorial lectures throughout the year.

- i) Cullis Memorial Lecture-2007 was given by Prof. Erik Trelle (Linköping Univ.Sweden) . The topic was " An auto-demonstration of the infinitude of prime numbers".
- ii) N. R. Sen Memorial Lecture-2007 was given by Prof.S. G. Ahmed (Egypt). The topic was "A Cartesian grid method to solve in homogeneous partial differential equations".
- iii) Suddodhan Ghosh Memorial Lecture-2007 was given by Prof. Jin-Ichi-Itoh(Japan). The topic was " Simple geodesics on convex surfaces".
- iv) S. N. Bose Memorial Lecture-2007 was given by Prof. Y. Shikata (Japan). The topic was "Invariant differential operators and growth equation".
- v) A. B. Dutta Memorial lecture-2007 was given by Prof. Esko Trunen(Finland). The topic was "Some axiomatic extensions of monoidal logic-an algebraic approach".

Society organized weekly lectures by the renowned mathematicians for the benefit of the researcher and students.

Different awards and scholarships from school level to research level were given during this period.

- i) Calcutta Mathematical Society had instituted Professor S. C. Dasgupta memorial scholarship out of the fund donated by Professor P. K. Chowdhury (North Bengal University), a student of late Professor S. C. Dasgupta.
- ii) Professor N. N. Sen memorial scholarship had been instituted by the Society for one meritorious and needy postgraduate student of mathematics of any institution.
- iii) Professor H. N. Chatterjee memorial scholarship had been instituted by the Society for one postgraduate student in mathematics of any institution.

Society organized different academic training programme throughout the year to motivate the students to higher education in mathematics and mathematical sciences.

Calcutta Mathematical Society is in the voyage to its **Centenary**. Society lays out many new plans and programmes like **Centenary Publication** of the “Calcutta Mathematical Society” in several volumes, modernization of the library, extension of the photo gallery and many others for the centennial celebration of the Society.

### 10.12 INSTITUTE OF SCIENCE, EDUCATION AND CULTURE (ISEC)

ISEC House, 42-B, Syed Amir Ali Avenue

Kolkata - 700 017

Phone : 2280 1798

Fax : 9133-2247 4502,

E-mail : iseckol@vsnl.net

**Science** changes quality of life, increases economic growth of the society and generates political power of the nation. It is globally accepted that the prosperity of a nation depends on its scientific development and its acceptance by the people. Under this context, in 1980, a team of scientists, engineers, educationists, sociologists and social philosophers founded an organization namely the **Institute of Science, Education and Culture (ISEC)** on the pattern of United Nations Scientific, Educational and Cultural Organization (UNESCO). ISEC's objectives are development and diffusion of knowledge of science, science education and science-based culture in the country.

ISEC invites the scientific communities to become its members. It has the records that persons of status such as, Vice Chancellors, Directors, Professors, Research Scholars and service holders in science-based organizations are ISEC members. It has varieties of membership such as students, persons (both in service and retired persons), joint membership, patron, etc.

### Activities of ISEC during the year 2007-2008

ISEC conducted various categories of science-related activities. Among these a few are enumerated below :

#### 1) Publication of **Indian Science Cruiser** :

ISEC at present publishes the international standard journal, Indian Science Cruiser five times a year in January, March, May, August and November covering articles, news, views, we hear from, conference reports, book reviews, survey reports and editorial with the current topics from different writers of India and abroad. The following five issues have been published :

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

**Indian Science Cruiser, Vol 21, No. 3, May 2007**

**Indian Science Cruiser, Vol 21, No. 4, August 2007**

**Indian Science Cruiser, Vol 21, No. 5, November 2007**

**Indian Science Cruiser, Vol 22, No. 1, January 2008**

**Indian Science Cruiser, Vol 22, No. 2, March 2008**

The journal is gaining popularity in Indian soil and also abroad day-by-day. Writers from India and also from abroad are contributing their writings in Indian Science Cruiser. Some libraries of Central Govt and also State level organizations are also coming forward for exchanges of their journals with Indian Science Cruiser. The journal is now circulated almost all the libraries of India

### 2) **Invited Talk/ Seminar**

Every year ISEC conducts invited talks. This year the following lecture programme was organized in the Birla Industrial and Technological Museum auditorium on 30th June 2007:-

#### **Development : Agriculture & Industry**

by Prof. G. P. Datta.

The following seminars were also organized in the Birla Industrial & Technological Museum Auditorium in collaboration with BITM :

- i) Seminar on **Oceanography: Marine Futuristic Resources & Related Aspects** held on 22nd September 2007.
- ii) **Recent Advancement in Tertiary Healthcare and its Evaluation** held on 16th February 2008.

- 3) ISEC publishes low-priced science books on popular and demanding types.
- 4) ISEC also organizes memorial talks.
- 5) ISEC conducts science-based projects.

### **Library**

ISEC maintains its technical library with various books on science, technology, environment, education etc. It is worthy to mention here that ISEC's active member and also its Executive Council Member, Dr Gautam Kumar Das has been awarded **Satyendra Puraskar-2007** for his book on Sunderban : Manush O Paribesh. On 28th February 2008, in the inaugural function of 15th State Science & Technology Congress, organized by the Department of Science & Technology, Govt of West Bengal,

held at Bengal Engineering & Science University, Shibpur, Howrah, the said award, Satyendra Puraskar-2007 has been presented to Dr. Gautam Kumar Das by the Hon'ble Chief Minister, Shri Buddhadev Bhattacharjee.

### 10.13 INSTITUTE OF DEVELOPMENT STUDIES KOLKATA

Calcutta University Alipore Campus,  
1, Reformatory Street, 5th Floor,  
Kolkata - 700 027  
Ph. No. 2448-8178/2225, Fax : 2448-1364  
E-mail : idsk1@vsnl.net / idsk@rediffmail.com

**The Institute of Development Studies Kolkata (IDSK)** has been promoted by the Government of West Bengal as an autonomous centre of excellence in social sciences. It was founded in 2002 as a society with an autonomous governing body, with one of the most eminent historians in India, Professor Irfan Habib as President, Professor Amiya Kumar Bagchi as Director and with a Governing Council on which are represented the Vice-Chancellors of two leading Universities in West Bengal, namely Calcutta University and Jadavpur University. The Governing Council also includes such eminent academics as Professor Nirmal Chandra, Professor Suranjan Das, Professor V.K. Ramachandran and Professor Malini Bhattacharya as its members.

#### **Important Activities during 2007-2008 :**

The IDSK is devoted to advanced academic research and informed policy advice in the areas of literacy, education, health, gender issues, employment, technology, communication, human sciences and economic development. Other programmes include training of research scholars in the social sciences working towards a Ph.D. The Institute is committed to the dissemination of its research findings through workshops, seminars, publications in the media, and other public counselling and education programmes. The most important new development in the area of teaching programmes has been the launching of a multidisciplinary M.Phil programme on Development Studies, in collaboration with the Centre for Social Sciences and Humanities, University of Calcutta. The course has been commenced in July 2006.

The IDSK is now in the sixth year of its existence. During the first year, the Director and the Research Coordinator were the only academic faculty on its rolls. The other members of faculty joined between the end of 2003 and the latter half of 2004 and 2005. During the six years of its existence, it has made its mark in the world of research in social sciences and humanities in West Bengal and Eastern India.

## **RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS**

The foundation stone laying ceremony of the building of the IDSK was held on 15 February 2008 at 27/D, DD Block, Salt Lake. The foundation stone was laid by Shri Buddhadeb Bhattacharjee, Honourable Chief Minister of West Bengal in presence of Professor Asim Dasgupta, Honourable Minister of Finance, Government of West Bengal, Professor Sudarsan Raychaudhuri, Honourable Minister of Higher Education, Government of West Bengal, Professor Asis Banerjee, Vice-Chancellor, University of Calcutta, Professor Biswajiban Majumdar, Chairman, Bidhannagar Municipality and Professor Amiya Kumar Bagchi, Director, IDSK.

### **Research Programmes :**

**A. The programme on 'Women, work and education' funded by the Rosa Luxemburg Stiftung, Berlin.**

After the successful completion of the first project (Women and media in the context of globalization) supported by the Rosa Luxemburg Foundation, Berlin, IDSK is at present engaged in the second project Women, work and education. This two-year long interdisciplinary project began in 2007 and will be completed this year. Professors Achin Chakraborty and Subhoranjan Dasgupta are coordinating this project in which Drs. Indrani Chakraborty and Barnita Bagchi are also actively involved. With the help of workshops, seminars, surveys and evaluation of secondary literature, this project is examining the nature of labour force participation by women in both rural and urban sectors in terms of both demand and supply side factors. Researchers are also analysing the importance of contributory factors such as education, family attitudes, role of castes and communities and the impact of the local economy on women's labour and employment.

**B. Evaluation of National Child Labour Project in the states of West Bengal (five districts) and Assam.**

The IDSK has been entrusted to conduct an evaluation study of National Child Labour Project (NCLP) in the districts of West Bengal and Assam by the Ministry of Labour and Employment, Government of India through its autonomous body, the V.V. Giri National Labour Institute, Noida, Uttar Pradesh. The study covered Kolkata and districts of North Dinajpur, South Dinajpur, South 24 Parganas and Malda of West Bengal and Nagaon district of Assam. The purpose of the evaluation was to make a quick assessment of the functioning of the NCLPs while locating the role of Special Schools in the elimination of child labour and the working of the project societies. The evaluation was mainly based on the primary data collected at district, project society, special schools and community levels. The report has been sent to the V.V. Giri National Labour Institute, Noida in February 2008.

**C. The State Development Report**

The Development and Planning Department, Government of West Bengal has approached the IDSK for preparing a State Development Report for West Bengal. The work on the project was started in January 2007 under the direction of Professor Debdas Banerjee. A workshop was held on 22 November 2007 to discuss the findings of the report in which, Professor Asim Dasgupta, Minister of Finance, Shri Nirupam Sen, Minister of Development and Planning and Professor Sudarsan Raychaudhuri, Minister of Higher Education, Government of West Bengal actively participated. Suggestions were received in the workshop and these were taken into consideration.

**D. Preparation of Birbhum District Human Development Report**

The Planning Commission of India and UNDP have been persuading the state governments to prepare Human Development Reports for districts. The Department of Planning, Government of West Bengal, in turn, has instructed the District Magistrates (DM) of different districts to prepare their own reports with the help of specialists in the area. IDSK has been requested by the Office of DM, Birbhum, for help. The report would focus on such basic dimensions of human development as education, health, and access to resources (as indicated by district income). In each of these areas district-specific factors are identified and analysed. In terms of indicators of human development, Birbhum turns out to be one of the backward districts of West Bengal. The presence of a significant number of people belonging to the Scheduled Castes, Scheduled Tribes and the Muslim community in the district, who are generally more disadvantaged than others, makes it important to focus on various forms of inter-group disparities. The special emphasis will be on different forms of vulnerability among various segments of population. Various indicators will be presented at different levels of disaggregation depending on the availability of data, complemented by studies based on small surveys that researchers have done. The report will be complete in the first week of April. Professor Achin Chakraborty (Lead Coordinator), Dr. Subrata Mukherjee and Dr. Saswata Ghosh are involved in preparation of the report.

**Collaborations :**

**Collaboration with Maison des Sciences de l'Homme, Paris**

IDSK and Maison des Sciences de l'Homme (MSH), Paris have entered into collaborative relations. IDSK faculty members have held fellowships at the MSH. In the academic year 2007- 08, a collaborative Conference between the two institutions, on 'Utopia, dystopia and development', was organized at Paris.



## **RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS**

### **Collaboration with South Asia Institute (SAI), University of Heidelberg, Germany**

A collaborative agreement has been made between IDSK and SAI, University of Heidelberg under which cooperation shall be carried out in exchanging faculty members, academic materials and other information, participating in seminars and academic meetings and holding interdisciplinary and result-oriented joint research activities. An international seminar was held in February 2008 under this programme, the details of which are provided in section V.

### **Teaching and Research Guidance :**

#### **A. M.Phil in Development Studies**

The M.Phil. Programme in Development Studies is multi-disciplinary in nature, and designed to provide an understanding of various perspectives on development issues, through a rigorous course work and guided research. The perspectives are drawn from different disciplines, with a strong emphasis on the classics in social sciences and humanities. The curriculum emphasizes a heterodox perspective on social science paradigms and the methodological underpinnings of social science research. The strength of the course particularly lies in the balance it maintains between theory and hands-on training on tools of analysis – both quantitative and qualitative. The duration of the entire programme is two years – equally divided between course works and writing dissertation.

The M.Phil course in Development Studies for the session 2007 –2009 in collaboration with the University of Calcutta has been commenced in July 2007. The dissertations of M. Phil students for the session 2006-08 are in final phase.

#### **B. Training of fellows working towards Ph.D**

Two scholars of IDSK working for their Ph.D. have submitted their theses. They are Shri Sankalpa Bhattacharjee and Ms. Nirmalamati Maisnam. The topic of research of Sankalpa is 'The problems and prospects of the software industry in West Bengal'. Ms. Maisnam was researching on 'Democratic decentralisation and rural development in Manipur'. Professor Prabhat Datta supervised the work of Nirmalamati and Professor Soumyen Sikdar supervised the work of Sankalpa.

Shri Panchanan Das submitted his Ph.D thesis on 'A comparative study of industrial growth in Gujarat and West Bengal' to the University of Calcutta under the supervision of Professor Amiya Kumar Bagchi.

**Conferences, Seminars and workshops :****A. Conferences and seminars**

The IDSK, in collaboration with National Commission for Enterprises in the Unorganized Sector (NCEUS) organized a seminar on **India's informal economy: Conditions of work and promotion of livelihoods** on 13 February 2008. The principal speaker at the seminar was Dr. Arjun Sengupta, MP and Chairman of NCEUS. The other full time members of the Commission Professors K.P. Kannan and Ravi Srivastava also participated in the seminar. The main purpose of the seminar was to discuss the Report on 'Conditions of work and promotion of livelihoods in the unorganized sector'. Economists, eminent academics, activists in trade unions, members of West Bengal Women's Commission and representatives of enterprises in the unorganized sector interacted with the Commission.

An international conference on **Utopia and dystopia** was organized by the IDSK in collaboration with the Maison des Sciences de l'Homme (MSH), Paris, held in Paris on 14 and 15 February 2008. The two coordinators of the conference were Dr. Barnita Bagchi of the IDSK and Dr. Martin Spensky of the University of Tours, France. Professor Subhoranjan Dasgupta was also a participant in the conference. The conference was adopted as part of the Indo-French Cultural Exchange programme and the ICSSR provided funding support.

An international seminar on **The health transition in India: public health, governance and the market** was held from 19 to 21 February 2008, with funding support from the ICSSR. Scholars specializing in public health and politics from Heidelberg University, with funding support from DFG (the academic funding body of the German Government) participated in the conference. Other participants included besides the faculty of the IDSK, eminent health specialists from India and Australia.

**B. Workshop :**

The IDSK has collaborated with Pratichi Trust (India) under the academic leadership of Professor Amartya Sen, and organized a workshop on 27 December 2007, on Role of workers' organizations in the service sectors in advancing human development.

**C. Lectures delivered by visiting scholars :****Lectures delivered by visiting scholars during 2007-08**

On 1 June 2007, Professor Dipankar Coondoo, Economic Research Unit, Indian Statistical Institute, Kolkata gave a lecture on 'Underemployment in India: Measurement and some analysis based on NSS, 61st Round'.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

On 6 August 2007, Professor Marcus Rediker, Professor of History, University of Pittsburgh, USA, delivered the **First Michael Sprinker Lecture** on 'The floating dungeon : The slave ship in the history of capitalism'.

On 23 August 2007, Professor Abhijit Vinayak Banerjee, Ford Foundation Professor of Economics, Massachusetts Institute of Technology, USA and Honorary Visiting Professor, IDSK gave a talk on 'Randomized evaluations and the demand for healthcare'.

On 5 September 2007, Professor Nighat S. Khan, Dean of Studies, Institute of Women's Studies, Lahore delivered a lecture on 'Tenant struggle in Okara and Khanewal (Pakistan)'.

On 12 October 2007, Dr. Debjani Sengupta, Professor of Sociology, University of Kalyani and Member, West Bengal Commission for Women, gave a lecture on 'The self-help group movement in West Bengal'.

On 2 November 2007, Professor Joseph Stiglitz, eminent Nobel Laureate delivered a public lecture on 'Making globalization work', organized by the Institute of Development Studies Kolkata in collaboration with the Finance Department, Government of West Bengal at Bidyut Bhavan.

On 20 November 2007, Professor Martha Nussbaum, Ernst Freund Distinguished Professor of Law and Ethics and Honorary Visiting Professor, IDSK gave a talk on 'Education and human development'.

On 5 December 2007, Professor Maria Cristina Marcuzzo, Head of the Department of Economics, University of Rome, "La Sapienza" delivered a lecture on 'Cambridge as a place in Economics'.

On 12 December 2007, Professor Oliver Mendelsohn of the Law School, La Trobe University, Australia gave a seminar on 'Law and civil society in India'.

On 11 January 2008, Dr. Dilip Dutta, Director of the Centre for South Asian Studies Group and Associate Professor of Economics, University of Sydney, Australia gave a talk on 'The retail sector of India – A structuralist analysis'.

On 4 February 2008, Professor Preben Kaarsholm of the Department of Society and Globalisation, Roskilde University, Denmark delivered a lecture on 'Migration, Islam and identity strategies in KwaZulu natal'.

On 8 February 2008, Professors Francesca Bettio and Ugo Pagano of University of Siena, Italy delivered lectures on 'Occupational segregation and gender wage disparities in developed economies' and 'Primates' fertilization systems and the evolution of the human brain' respectively.

On 18 March 2008, Justice Diane P. Wood of University of Chicago, USA and Judge, United States Court of Appeals for the Seventh Circuit gave a talk on 'The winding road toward equality for women in the United States' and Professor Martha Nussbaum, Ernst Freund Distinguished Professor of Law and Ethics of University of Chicago, USA and Honorary Visiting Professor, IDSK delivered a talk on 'Compassion and violence against women'.

### Library

The Library, which began functioning from December 2002, already houses an impressive number of books, journals and magazines and primary documents focusing on various development research like Education, Public Health, Economics, Sociology, Political Sciences, Gender Studies, Human Sciences and Globalization. It has a total collection of 7509 (processed) books till 26 January 2008. The library also subscribes to 42 foreign and 35 Indian journals, 354 government and 60 non-government reports. It has 88 digital documents.

The Library has established network connections with DELNET, Prowess and is a member of Calcutta University's E-Journals under UGC INFONET Programme, Indiatat.com, Oxford e-bundle journals in economics. The library is using SOUL (Software for University Libraries) for its ongoing automation activities.

The Institute has been gifted with very valuable collections, that of the late Michael Sprinker, a leading radical literary theorist, and also a collection of about 1900 books from Shri Parimal Dasgupta, a leading journalist. These two gifts have been designated as the Michael Sprinker and Parimal Dasgupta Collections respectively.

### Publications

#### a. Books :

Capture and Exclude: Developing Economies and the Poor in Global Finance, eds. Amiya Kumar Bagchi and Gary Dymksi, New Delhi, Tulika, 2007.

Labour, Globalization and the State: Workers, Women and Migrants Confront Neoliberalism, edited by Michael Goldfield and Debdas Banerjee, London and New York, Routledge, 2008.

#### b. Occasional Paper Series :

No.10 China, India and Russia: Moving out of backwardness, or 'Cunning passages of history' by Amiya Kumar Bagchi, May 2007.

No.11 Rethinking knowledge as ideology: Reflections on the debate from Max Scheler to Theodor Adorno by Sudeep Basu, September 2007.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

No.12 Financial development and economic growth in India: An analysis of the post-reform period, by Indrani Chakraborty, January 2008.

### c. Reports :

An evaluation study on advocacy of safe motherhood under CHCMI prepared by Achin Chakraborty, Subrata Mukherjee and Bidhan Kanti Das and submitted to the Department of Panchayats & Rural Development, Government of West Bengal in September 2007.

Women's health and empowerment in ICDS – An exploratory study in West Bengal prepared by Krishna Soman and submitted to the National Commission for Women, 2007.

### d. Special Lectures :

No. 1 Education for Profit, Education for Freedom by Martha C. Nussbaum, March 2008.

## 10.14 INDIAN INSTITUTE OF SCIENCE EDUCATION & RESEARCH, KOLKATA (IISER-K)

Indian Institute of Science Education & Research, Kolkata has been established by the Government of India, Ministry of Human Resource Development, Department of Higher Education with the objective of imparting quality education and research in basic sciences at par with Indian Institute of Science, Bangalore and IIT's. IISER-Kolkata, a registered society and fully funded by the Government of India is poised to be an Institute of National importance. The foundation stone of IISER-Kolkata was laid by the Honourable Prime Minister Dr. Manmohan Singh on July 11,2006.

The permanent campus for IISER-Kolkata is coming up at Haringhata, adjacent to Bidhan Chandra Krishi Viswa Vidyalaya, Kalyani on 201.65 acres of land in Mouja Haringhata Farm after, detailed survey and discussion with the officials of Higher Education, Animal Resource Development and Land & Land Reforms Departments of Government of West Bengal.

The central theme of IISER-Kolkata is to integrate education with research so that undergraduate and postgraduate teaching as well as doctoral and post- doctoral research works are carried out in symbiosis.

## CHAPTER - 10

IISER-Kolkata has started functioning from Kolkata Campus of IIT , Kharagpur with effect from August 17, 2006. 38 (thirty eight) students got admitted in the First year of the 5-year Integrated Master of Science Programme through the extended merit list of IIT -JEE 2006. IISER, Kolkata will select one hundred students who qualify / have qualified in any of the IIT JEE-2007, Olympiad Examination 2007 & KVYP 2005 for admission in the first year in the academic session beginning in July, 2007. The IISER programme is fully residential and it provides every admitted student a fellowship of Rs.3,000/- (Rupees Three Thousand) per month.

Ph.D programme has started at IISER and four fellows (three are NET Qualified) have been doing doctoral research. More students are likely to join the Ph.D and post-doctoral research programme soon.

The Government of West Bengal has offered a piece of land measuring 201.65 acres in Mouja Haringhata Farm for the permanent Campus of the Institute. It is expected that the Campus will be functioning from July, 2009 at Haringhata.



## APPENDICES

- APPENDIX - I (A) : Subject Code*
- APPENDIX - I (B) : Colleges and Subjects*
- APPENDIX - I (C) : Selected Educational Statistics (MHRD)*
- APPENDIX - II : Decadal Growth of Colleges Since 1811 (Excluding Technology Colleges)*
- APPENDIX - III : U. G. C. List of Fake Universities*
- APPENDIX - IV : U. G. C. List of Vocational Subjects*





## APPENDIX – I (A)

### SUBJECT CODE

SUBJECT	CODE	SUBJECT	CODE
<b>ELECTIVE LANGUAGE GROUP (L)</b>		<b>ELECTIVE HUMANITIES GROUP (HU)</b>	
Bengali	B	History	H
English	E	Pol. Science	Ps
Sanskrit	S	Philosophy	Phil
Hindi	Hin	Education	Edn
Nepali	N	Sociology	Soc
Tibetan	T	Music	Music
Arabic	Ar	Film Studies	F. Stud
Urdu	Ur	Journalism	Jour
Persian	Per	Physical Education	Ph. Edn
Alternative Bengali	Alt. Beng	Journalism & Mass Communication	Jour & Mass Comm
Santali	Santali	Environmental Study	Env Std
French	Fr	Human Right	H. Rgt
Elective Bengali	E. Beng	<b>COMMERCE GROUP (COM)</b>	
Elective English	E. Eng	Accountancy	Ay
Linguistic	Ling	<b>VOCATIONAL SUBJECTS (VOC)</b>	
<b>ELECTIVE SCIENCE GROUP (SC)</b>		Functional English	F. Eng.
Physics	Ph	Functional Hindi	F. Hin.
Chemistry	Ch	Office Management & Secretarial Practice	OMSP
Mathematics	M	Tax Procedure & Practice	Tax. Prac
Zoology	Zoo	Communicative English	Comm. E
Botany	Bot	Clinical Nutrition & Dietics	Cl. Nut
Economics	Ec	Micro-Biology	Mi. Bio
Anthropology	Anthro	Computer Education/Application	Comp. App
Statistics	Stat	Sericulture	Ser
Computer Science	Comp.Sc	Tourism & Travel Management	TTM
Electronics	Elect	Information Technology	I.Tech.
Geology	Geo	Communication/Instrument	Commu/Instru
Geography	G	Agro-Service	AG
Plant Protection	Pit. Prot	Industrial Fish & Fisheries	IFF
Industrial Chemistry	Ind. Chem	Advertisement Sales Promotion & Sales Management	Ad. Sale
Psychology	Psy	Seed Technology	Se. Tech
Physiology	Phy	Archaeology and Museology	Arch.M
Molecular Biology	M.Bio	Environment & Water Management	Env. & W.Mgt.
Bio-Physics	Bio.Phys	Engineering	Engg
Bio-Chemistry	Bio.Chem	Human Development	H.Dev.
Defence Studies	Def.Stud	Electronic Equipment Maintenance	EEM
Food Nutrition	Fd. & Nut	Mass Communication & Videography	Mass Comm & Video
Genetics	Gene	Principal and Practice of Insurance	P & Pln
Bio-Technology	Bi Tech.	Business Management	BM
Fishery	Fish	Business Organisation	BO
		Environmental Science	EVS
		Military Science	Milt. Sc.
		Acqua Culture Mngt.	Aqua Cul. Mgt.

APPENDIX

APPENDIX - I (B)  
COLLEGES AND SUBJECTS

*and address*

KOLKATA (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharyya Jagadish Chandra Bose College(1968) 1/1B, A.J.C.Bose Road, Kolkata-700 020 Ph. 2282-5181	B, E, Ps, Edn, Jour, Hin, Phil	B, E, Hin <i>(B.Ed)</i>	Ph, Ch, Ec, M, Zoo, Bot, Phy, Stat, Comp. Sc	Ph, M, Ch	All Com. Sub	Ay	B.Ed	
2.	Acharya Girish Chandra Bose College (1964) 35, R. K. C. Sarani Kolkata-700 009 Ph. 2351-0304 2350-9210					All Com Sub	Ay		
3.	Ananda Mohan College(1961) 102/1,Raja Ram Mohan Sarani Kolkata-700 009 Ph. 2350-1565 2352-7327	B, E, S, Hin, H, Ps, Phil	B, E, Phil	Ph, Ec, Ch, M., Zoo, Bot, Phy G, Com. Sc.	Ph, M, Ch, Zoo, Ec, Phy,	All Com. Sub	Ay		
4.	Asutosh College (1916) 92, Shymaprasad Mukherjee Road Kolkata-700 026 Ph. 2455-4504/2371	B, E, S, Hin, H., Phil, Ps, Soc, Jour	B, E, S, H, Phil, Ps, Soc, Jour	Ph, M, G, Ps, Ch, Ec, Zoo, Bot, Stat, Geo, Comp. Sc,	Ph, M, Ch, G, Ec, Zoo, Bot., Stat., Comp.			PG in Zoo. IFF. Video	<del>2(B)</del> <i>2(B-Nm)</i>

*Sub Sub*

*Sub Sub*

*Sub Sub*

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
				M.Bio, Psy, Bio-Ch. Mi.-Bio	Sc., M.Bio, Psy, Geo, Bio- Chem, Mi.-Bio				
5.	Bangabasi College (1887) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2350-0273 . 2360-5995	B, E, S, Hin, Ps, Phil, H	B, E, S, H, Phil, Ps	Ph, M, G, Ch, Ec,Zoo, Bot, Comp Sc., Anthro Psy	Ph, M, Ch, G, Zoo, Ec, Bot, Anthro, Comp. Sc.	All Com. Sub	Ay	PG in Zoo	
6.	Bangabasi Morning College (1965) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2350-9210	B, E, H, Hin, Ur, Phil, Ps.	B, E, Ps	Ec, Ph, Ch, M, Zoo, Ec, Bot, Comp. Sc. Anthro	M, Bot, Comp. Sc.	All Com Sub	Ay		
7.	Bangabasi Evening College (1964) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2351-0304 2360-6180	B, E, S, Hin, S, H, Ps, Phil	B, E, H, Ps, Phil, S, Hin	Ph, Ch, M, Bot, Zoo, Ec, Anthro, Phy	M, Ec, Anthro, Phy, Ch	All Com Sub	Ay		
8.	Basanti Devi College (1959) 147-B, R. B. Avenue, Kolkata-700 029 Ph. 2404-1012 2463-0845	B, E, S, H, Phil, Ps, Edn Soc	B, E, S, H, Phil, Ps, Edn	Ec, Ph, Ch, M, Stat	Ec, M, Ph				

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Bethune College (1879) 181, Bidhan Sarani Kolkata-700 006 Ph. 2241-1731	B, E, S, Ps. Phil, H.	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec	Ph, Ec, Ch, M, Zoo, Bot,			PG in Zoo, Bot	
10.	Bhawanipur Education Society College (1966) 5, Lala Lajpat Rai Sarani, Kolkata-700 020 Ph. 2247-2275/5702/ 3281	B, E, Ur, Hin, H, Ps, Phil, Edn	E, H, Ps, Phil, Edn	Ph, Ch, M, Stat, Ec, Bot, Zoo, Elect, Comp Sc.	Ph, Ch, M, Ec, Zoo, Bot	All Com Sub	Ay	Comp Mgmt BBA BCA B.Sc. (Fashion Design)	
11.	Calcutta Girls' College (1964) 169, Lenin Sarani, Kolkata-700 013 Ph. 2450-0414	B, E, Ur, H, Hin, Ps, Edn, Ec	B, E, Hin, Ur, H, Ec, Edn, Ps	M		All Com Sub	Ay		
12.	Charuchandra College (1947) 22, Lake Road, Kolkata-700 029 Ph. 2466-3771	B, E, H, Ps, Hin, Phil, Jour, Stat	B, E, Ps, H	Ec, Ph, Ch, M, Zoo, Bot, Stat Com. Sc.	Ec, M, Ph, Ch, Zoo, Bot Com. Sc.	All Com Sub	Ay	BBA	
13.	Chittaranjan College (1967) 8A, Beniatola Lane, Kolkata-700 009 Ph. 2241-4547/4570	B, E, H, Hin, Ps, Phil, Edn				All Com Sub	Ay		
14.	City College (1884) 102/1, Raja Rammohan Sarani, Kolkata-700 009 Ph. 2350-1565/6505	B, E, S, H, Ps, Phil.	B, E, S, H, Phil, Ps.	Ph, M, Ch, Ec, Zoo, Bot, Phy	Ph, M, Ch, Ec, Zoo, Bot, Phy.	All Com Sub	Ay		

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
15.	City College of Commerce (1961) 13, Surya Sen Street, Kolkata-700 012 Ph. 2241-1065					All Com Sub	Ay		
16.	Deshbandhu College for Girls 45/C, R. B. Avenue, Kolkata-700 026 Ph. 2464-0349 2463-8116	B, E, S, H, Phil, Ps, Edn.	B, E, H, Edn.	Ec, G, M.	G,	All Com Sub		BBA	
17.	East Calcutta Girls' College, (1992) P-237, Block-B, Lake Town, Kolkata-700 089 Ph. 2534-8039	B, E, H, Ps, Phil, Edn, Jour, Soc	B, E, H, Ps, Phil, Soc, Edn	Ph, Ch, M, Bot, Zoo, G, Comp. Sc.	Zoo, Ec, G, Bot	All Com. Sub	Ay	BBA	
18.	Goenka College of Commerce (1860) 210, B.B. Ganguly St, Kolkata-700 012 Ph. 2241-2216					All Com Sub	Ay	PG in Com.	
19.	Gokhale Memorial Girls' College (1938) 1/1, Harish Mukherjee Road, Kolkata-700 020 Ph. 2223-8287 2223-2351	B, E, S, Hin, H, Phil, Ps, Edn.	B, E, H, Hin, Ps, Edn, Phil	G, M, Ec, Ph, Ch, Psy, Elect	G, Ec, M, Psy, Elect.			Ad. Sale Cl.Nut Comm. Eng,	
20.	Gurudas College (1956) Narkeldanga, Kolkata-700 054 Ph. 2350-3841 2353-6653	B, E, S, H, Ps, Phil, Soc	B, E, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Comp.Sc, Mi.Bio, Stat	Ph, M, Ch,Zoo, Bot,Ec, Mi,Bio, Comp.Sc, Bio-Ch	All Com Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
21.	Heramba Chandra College (1961) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2469-3641	B, E, H, Ps, Edn	B, E, H, Ps, Edn	Ec, G, Bot, Phy	Ec, G	All Com. Sub	Ay		
22.	Harimohan Ghosh College(1963) J-206 & 208A, Paharpur Road, Garden Reach, Kolkata-700 024 Ph. 2469-3641	B, E, H, Ur, Ps, Edn	B, E, H, Ps	Ec, Ph, Ch, M, Bot, Phy, G	Ec, M, Phy, G	All Com. Sub	Ay		
23.	Jogmaya Devi College(1958) 92, S.P. Mukherjee Road, Kolkata-700 026 Ph. 2455-5242	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil	Ph, Ch, M, Ec, G, Zoo, Geo, Bot,Stat Psy	Ph,Ch, M,Bot, Zoo, G, Ec, Geo, Psy	All Com. Sub	Ay	Comm. Eng	
24.	Jogesh Chandra Chaudhuri College (1965) 30, Prince Anwar Shah Road, Kolkata-700 033 Ph. 2417-4622/3042	B, E, H, Hin, Ps, Phil, Edn, Soc	B, E, Hin, H, Ps, Edn, Phil	Ec, Ph, Ch, M, Comp Sc, G, Elect, Bot, Zoo, Phy	Ph, M, Ch, Ec, Comp Sc, Elect	All Com. Sub	Ay		
25.	Khudiram Bose Central College (1956) 77/2, Bidhan Sarani, Kolkata-700 006 Ph. 2555-2563	B, E, H, Hin, Ps, Edn, G, Jour	B, E, H, Edn			All Com. Sub	Ay		

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
26.	Kidderpore College (1966) 2 & 3, Pitambar Sarkar Lane, Kolkata-700 023 Ph. 2459-7790/7900	B, E, Ps, H, Per, Jour & Mass Comm. Hin, IHC, Phil, Edn	B,Ur,Hin, E, Ps, H, Phil, Edn	M, Ec	Ec	All Com. Sub	Ay		
27.	Lady Brabourne College(1939) P1/2,Suhrawardy Ave, Kolkata-700 017 Ph. 2244-8120	B, E, S, Ur, Hin, Per, H,Ps, Phil, Soc	B,E,S, Ur, Per, H, Ps, Phil, Soc	Ph,Ch, M, Bot, Zoo, G, Ec	Ph,M, Ch,G, Bot, Ec, Zoo			PG in G, Mi Bio, M	1(G)
28.	Loreto College (1912) 7, Middleton Row, Kolkata-700 071 Ph. 2229-6030 2246-3444	B, E, H, Hin, Ps, Edn, Fr, F. Stud Jour & Mass Comm.	E, H, Ps, Edn	G, Ec, Psy	G	All Com. Sub		Comm. Eng	1(G)
29.	Maharaja Manindra Chandra College (1941) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2555-5565	B, E, H, Ps, Phil, Jour & Mass Comm, Hin, Ec	B, E, H, Ps, Phil, Jour, Ec	Ec, M, Ph, Ch, Stat, Elect, Comp.Sc, Bot, Zoo, Mi Bio	Ec, M, Ph, Ch, Comp. Sc., MiBio	All Com. Sub	Ay	Comp. App.	
30.	Maharaja Sris Chandra College(1964) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2543-2949	B, E, H, Hin, Ps, Edn, Ec	B, E, Hin, H, Ps, Ec	M		All Com. Sub	Ay	OMSP	
31.	Maharani Kashiswari College (1964) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2555-6325 2530-2008	B, E, S, H, Ps, Phil, Edn, Soc	B, E, S, H, Ps, Phil, Edn, Soc	Ec, Stat, M, Ph, Comp. Sc, Fd & Nut	Ec, F & Nut, Comp. Sc.			TTM	1(G)



## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
32.	Maulana Azad College (1926) 8, R. A. Kidwai Road, Kolkata-700 013 Ph. 2244-3737	B, E, S, Ur, Ar, Per, H, Ps, Phil	B, E, S, Ur, Ar, Per, H, Ps, I.H.C.	Ph, Ch, M, Zoo, Stat, Ec, Mi.-Bio	Ph, Stat, Ch, M, Zoo, Ec, Mi.-Bio			Def. Stud, PG (Zoo)	1(B)
33.	Milli Al-Ameen College (2000) 43, Hare Krishna Konar Road, Kolkata-700 014 Ph. 2284-5637/4818	B, E, Ur, Ps, Edn, IHC, G, H	E, Ur, Ps			All Com. Sub			
34.	Muralidhar Girls' College (1940) P-411/14, Gariahat Road, Kolkata-700 029 Ph. 2464-1312/4371	B, E, S, H, Phil, Ps, Edn, Soc, Jour,	B, E, S, H, Phll, Ps, Edn, Jour, Phil,	M, Ec, G, Bot, Psy	Ec, G, Psy			TTM Alt. Eng.	
35.	Naba Ballygunge Mahavidyalaya (1985) 27E, Bosepukur Road Kolkata-700042 Ph. 2441-1710	B, E, H, Hin, Ec, Phil, Ps	B			All Com Sub	Ay		
36.	Netajinagar College (1967) 170/436, N.S.C. Bose Road, Regent Estate, Kolkata-700 092. Ph. 2411-5445	B, E, Ps, H, Jour	B, E, H, Jour,	G, Ec	G	All Com. Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
37.	Netajinagar Day College (1986) 170/436, N.S.C.Bose Road, Regent Estate, Kolkata-700 092 Ph. 2411 5301	B, E, Ps, H, Phil, Edn	B, E, H, Ps	Ph, Ch, M, Bot, Zoo, Ec, Phy, G, Comp.Sc, Elect	Ph, Ec, Ch, M, Bot, G, Comp. Sc. Zoo	All Com Sub	Ay		
38.	Netajinagar College for Women(1986) 170/13/1, N.S.C.Bose Road, Regent Estate, Kolkata-700 092 Ph. 2411-6711	B, E, H, Phil, Ps, Edn, Film, Std	Edn, H	Ph, M, Ch, Zoo, Bot, Ec, Phy	Zoo, Ec, Phy				
39.	New Alipore College (1963) L-Block, New Alipore Kolkata-700 053 Ph. 2478-0224 2445-2131	B, E, S, H, Phil, Ps, Edn	B, E, H, Ps, Phil	Ph, M, Ch, Zoo, Bot, Ec, Stat, Comp. Sc	Ph, M, Ch, Ec, Zoo, Bot, Comp. Sc	All Com. Sub	Ay		
40.	Prafulla Chandra College (1954) (Evening) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2461-2689/1236 2440-6689	B, H, E, Ps	B, E, H, Ps	Ec, M, Geo	G	All Com. Sub	Ay	Fin. Mkt. Tax Prac. TTM	
41.	Presidency College (1817) 86/1, College Street, Kolkata-700 073 Ph. 2241-1960	B, E, H, Hin, Ps, Phil, Soc	B, E, Hin, H, Ps, Phil, Soc	Ph, Ch, M, Bot, Zoo, G, Phy, Ec, Stat, Geo	Ph, G, M, Ch, Bot, Ec, Zoo, Phy, Stat, Geo, Bio-Chem			M, Bio PG in Bot, G, Ph, Ch, Geo, Zoo, Phy, Appld. Ec, Hin	1(B) 1(G)

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
42.	Rammohan College (1961) 102/1, Raja Rammohan Sarani, Kolkata-700 009 Ph. 2350-5687	B, E, S, Hin, H, Phil, Ps, Edn	B,E,S,H, Phil, Ps, Edn	G, Ch, M, Ph, Zoo, Ec, Bot, Phy,	G, Ch, M, Ph, Zoo, Ec, Bot, Phy,	All Com. Sub	Ay	Comm. Eng. PG in Phy	1(G)
43.	Rani Birla Girls' College (1961) 381, Shakespeare Sarani, Kolkata-700 017 Ph. 2283-5797	B, E, H, Hin, Ps, Phil, Edn, Soc, Jour Mass Comm	E, Ps, Edn, H. Soc, Jour & Mass Comm	G, Ec	Ec			Comm. Eng.	
44.	Sanskrit College (1824) 1, B. Chatterjee Street Kolkata-700 073 Ph. 2241-3611	B, E, S, Ling, H, Ps, Phil, Soc, Ec,	B,E,S,H, Ling, Ps, Phil, Soc,	Anthro	Anthro			PG in S	
45.	Savitri Girls' College (1972) 13, Muktaram Babu St. Kolkata-700 077 Ph. 2269-4240 2273-8284	B, E, H, Hin, Ps, Phil, Ec, Edn, H.Devp	E, Hin, H, Edn			All Com. Sub	Ay	H. Dev. (H)	
46.	Scottish Church College (1830) 1&3, Urquhart Square, Kolkata-700 006 Ph. 2350-3934	B, E, S, H, Ps, Phil, Soc, Hin, Ph, Edn	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Stat, Comp. Sc., Mi.Bio	Ph, M, Ch, Ec, Zoo, Bot, Comp. Sc., Stat Mi.Bio			Food Sc. & Q. Control	3(B) 2(G)

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
47.	Seth Anandaram Jaipuria College (1945) 10, Raja Nabakrishna St. Kolkata-700 005 Ph. 2555-4117/3647	B, E, H, Hin, Ps, Phil	B, E, Hin, H, Ps, Phil, Jour	M, Ph, Ch,Bot, Zoo,Ec, Comp. Sc., Elect, Psy, Stat, Nut, G	Ph, Ec, Ch, M, Psy, Stat, Nut, Comp. Sc., G	All Com. Sub	Ay	Funct Hin, OMSP Tax Prac	
48.	Seth Soorajmull Jalan Girls' College (1954) 8-9, Bankim Chatterjee Street, Kolkata-700 073 Ph. 2241-5256 2219-6947	B, E, H, Hin, Phil, Ps, Edn	E, Hin, Phil, Ps, H	G, Ec		All Com. Sub	Ay		
49.	Shri Shikshayatan College (1955) 11, Lord Sinha Road, Kolkata-700 071 Ph. 2242-6033/7296	B, E, H, Hin, Ps, Edn, Phil, Ur	B, E, Hin, H, Edn, Ps, Jour & Mass. Comm.	Bot, M, G, Ec, Ph, Ch, Zoo, Stat	Ec, Bot, G, Comp. Sc.	All Com. Sub	Ay	B, Ed	
50.	Sir Gurudas Mahavidyalaya (1968) Murari Pukur (Ultadanga) Kolkata-700 067 Ph. 2356-1998	B, E, H, Ps, Edn	B, E			All Com. Sub	Ay	Tax Prac. Comp. App.	1
51.	Sivanath Sastri College (1955) 23/49, Gariahat Road, Kolkata-700 029 Ph. 2440-6689	B, E, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Phil, Edn	Bot, Ec, G	G	All Com. Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
52.	South Calcutta Girls' College (1932) 72, Sarat Bose Road, Kolkata-700 025 Ph. 2475-3785 2454-2265	B, E, S, H, Phil, Ps, Jour, & Mass. Comm., Edn	B, E, H, Edn, Ps, Phil, Jour & Mass. Comm.	G, Ec, M, Zoo, Bot, Phy	G, Ec, Bot, Zoo				1(G)
53.	St. Paul's Cathedral Mission College (1860), 33/1 Raja Ram Mohan Sarani, Kolkata-700 009 Ph. 2350-3682 2360-0753	B, E, H, Phil, Ps, Soc	B, E, H, Phil, Ps	Ph, M, Ch, Ec, Zoo, Mi.-Bio, G	Ch, M, Ph, Ec, Mi.-Bio				1(B)
54.	St. Xavier's College (1860) 30, Park Street Kolkata-700 016 Ph. 2247-5995/7278/ 9966	B, E, H, Hin, Ps, Soc, Film Stud, Jour	E, Ps, Soc	Ph, M, Ch, Stat Ec, Mi.Bio Comp. Sc.	Ph, M, Ch, Ec, Stat, Comp. Sc. Mi-Bio	All Com. Sub	Ay	Mass Comm Video	2(B)
55.	Surendranath College (1884) 24/2 M. G. Road Kolkata-700 009 Ph. 2350- 2864 2354-3876	B, E, S, Hin, Ur, Phil, Ps, H, Soc, Jour & Mass Comm	B,E,S, Ps, Phil, H, Soc, Jour & Mass Comm	Ec, Ph, Ch, M, Phy, Zoo, Bot, Stat, Comp. Sc, M. Bio Mi-Bio	Ec,Ph, Ch, M, Bot,G, Zoo, Phy, Comp. Sc, Mi.Bio, Psy, Stat	All Com. Sub	Ay	BBA	
56.	Surendranath College for Women (1948) 24, M. G. Road Kolkata-700 009, Ph. 2350-2389	B, E, S, H, Phil, Ps, Edn	B, E, S, H, Phil, Ps, Edn	G, Ec,	G, Ec	All Com. Sub	Ay	Comm. Eng.	

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
57.	Surendranath Evening College (1961) 24/2, M. G. Road, Kolkata-700 009, Ph. 2350-9011	B, E, S, H, Phil, Ps, Ur, Hin	B, E	Ph, M, Ch, Elect, Comp. Sc, Ec	Elect	All Com. Sub	Ay	EEM E.Eng. E.Hindi E.Urdu	
58.	Syamaprasad College (1916) 92, Shyamaprasad Mukherjee Road, Kolkata-700 026 Ph. 2455-1738/7671	B, E, S, Fr, H, Hin, Ps, Phil, Edn Music	B, E, Edn, Fr,	M, Ph., Geo, Ec, Stat, Comp Sc., Elect	G, Ec, Comp Sc, Elect	All Com. Sub	Ay	Comp App	
59.	Umesh Chandra College (1841) 13, Surya Sen Street, Kolkata-700 012 Ph. 2241-1065					All Com. Sub	Ay	OMSP	
60.	Victoria Institution College (1932) 78/B, A. P. C. Road, Kolkata-700 009 Ph. 2360-0046 2350-1959	B, E, S, Ur, H, Ps, Phil	B, E, S, H, Ps, Phil, Ur	Ph, Ch, M, Ec, G, Zoo, Bot	M, Ec, Zoo, G, Bot, Psy	All. Com. Sub	Ay		1(G)
61.	Vidyasagar College (1859) 39, Sankar Ghosh Lane, Kolkata-700 006 Ph. 2241-3018/4447	B, E, H, Hin, S, Ps, Phil	B, E, Ps, S, H, Phil	Ph, Ch, M, G, Ec, Zoo, Bot, Phy, Stat,	Ph, M, G, Ch, Zoo, Ec, Bot, Phy				

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
62.	Vidyasagar College for Women (1960) 39, Sankar Ghosh Lane, Kolkata-700 006 Ph. 2240-9505	B, E, S, H, Ps, Phil	B, E, S, Ps, Phil Hin	M, Ph, Ch, Zoo, Bot, Ec, Geo, Phy, Elect	M, Ph, Ch, Ec, Zoo, Bot, Geo, Phy				
63.	Vidyasagar Evening College, (1961) 39, Sankar Ghosh Lane Kolkata-700 006 Ph. 2241-9508/9505	B, E, H, Hin, Ps, Soc	B, E, H, Ps	Ph, Ch, M, G, Stat	Ph, G, Ch, M	All Com. Sub	Ay		
64.	Vijaygarh Jyotish Roy College, (1950) 8/2, Bejoygarh, Kolkata-700 032 Ph. 2412-4082	B, E, H, Ps, Phil, Edn, Ph, Jour	B, E, H, Ps, Phil, Edn, Ph.Edn	Ph, Ch, Zoo, Ec, Bot, M, Mi.Bio Phy	Ph, Ch, Ec, Zoo, Bot, M, Mi.Bio	All Com. Sub	Ay		
65.	Women's Christian College (1945) 6, Greek Church Row, Kolkata-700 026 Ph. 2464-3341	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	G, Ec, M	G, Ec				1(G)
66.	Women's College P-29, Khirode Vidyavinode Avenue, Kolkata-700 003 Ph. 2554-4540	B, E, S, H, Phil, Ps, G, Edn, Ec, Music, Jour & Mass Com	B, E, S, H, Phil, Ps, Edn, Ec, G	M, Nut, Psy					
67.	Beharilal College of Home & Social Science, Alipore	Data not received							
68.	Tara Devi Harakchand College (2005) Cossipore, Kolkata (Self financing)	B, E, Hin, (M)		Ph, Ch, M, Bot, Mi-Bio, Comp.Sc.	Mi-Bio, Comp.Sc.			Comp. Maint (Major)	
69.	Kingston College of Science (2004) North 24 Pgs. (Self financing)			Ph, M, Stat, Ch, Zoo, Bio- Chem. Mi-Bio, Elec, Comp. Sc.	Bio- Chem Mi-Bio Elec, Comp. Sc.				

APPENDIX

**NORTH 24 PARGANAS  
(West Bengal State University)**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharya Prafulla Chandra College (1960) P.O. New Barrackpore Pin-743 276 Ph. 2537 8797	B, E, S, H, Ps, Phil, Jour, Edn, Ph.Edn,	B,E,S,H, Ps, Phil, Jour	Ph, Ch, M, Ec, G, Zoo, Bot, Anthro, Comp. Sc., Elect, Mi.Bio, Fd&Nut	Ph, Ec, Ch, M, G, Comp Sc, Elect, Zoo, Bot, Mi.Bio, Anthro			Comm Eng, Ad. Sales H. Dev. PG in Mi-Bio	
2.	Banipur Mahila Mahavidyalaya (1999) Banipur (Habra) Pin-743 233 Ph. 953216-238243	B, E, H, Ps, Phil, Edn, Soc	B, Soc, Edn, Ps						
3.	Barasat Govt. College (1950) P.O. Barasat-700 124 Ph. 2552 3365 2562-5053	B,E,S,H, Ps, Phil, Edn	B,E,S,H, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Zoo, Bot	Ph, Ch, M, Ec, G, Zoo, Bot			PG in Bot	1(B)
4.	Barasat College (1972) 1, Kalyani Road, Barasat, P.O. Nabapalli Pin-743 203 Ph. 2542 3656	B,E,H,G, Ps, Edn, Soc, Phil	B, H, Ps, Edn, Soc, Phil	Ec, G, Ph, Ch, M, Comp. Sc. Zoo, Bot, Ph, Ch	G	All Com Sub	Ay		
5.	Barrackpore R. S. College (1953) 85, Middle Road & 6, Riverside Road, Barrackpore Pin-743 101 Ph. 2592-0603/8855 2594-5270	B, E, H, Ps, Phil, Edn, Jour & Mass. Comm, F, Stud	B,E,Hin, H, Phil, Ps, Edn, Jour & Mass Comm, Soc	Ph, Ch, M, Ec, Comp, Sc, Stat, Mi, Bio, Zoo	Ph, Ch, M, G, Ec, Elect, Comp. Sc, Mi-Bio, Psy, F & Nut	All Com Sub	Ay	Fin. Mkt BBA Elect. Media PG in Mi-Bio	



## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Basirhat College (1947) P.O. Basirhat- Pin-743 412 Ph. 953217-255-225	B, E, S, Ps, Phil, H, Edn, Soc	B, E, H, Ps, Phil	Ph, Ch, M. Ec, Bot, G, Zoo, Phy,	Ph, Ch, M, Ec, Bot, G, Zoo, Phy,	All Com. Sub	Ay		1(B)
7.	Bhairab Ganguly College (1968) 2, Feeder Road, Belghoria Kolkata-700 056 Ph. 2553-2280 2564-3191	B, E, S, Ur, Ps, Phil, H, Phy, Edn,	B, E, H, Phil, Ur	Ph, Ch, M, Bot, Zoo, Ec, Geo, Phy, G, Elect, Comp. Sc	Ph, M, Ch, G, Bot, Ec, Zoo, Elect, Comp. Sc	All Com. Sub	Ay	Ad.Sale El. Eng. & Bng.	
8.	Bidhannagar College (1984) BF-142, Bidhannagar Kolkata-700 091 Ph. 2337- 4761	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Stat	Ph, Ch, M, Zoo, Bot, Ec, Stat, Mi-Bio			PG in Zoo & Mi-Bio	
9.	Brahmananda Keshab Chandra College (1956) 111/2, B.T. Road Kolkata-700 035 Ph. 2577-2486	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ec, M, Ph, Ch, Bot, Zoo, Stat, M. Bio	M, Ph, Ch, Bot, Zoo, Ec			IFF	
10.	Chandraketugarh Sahidulah Smriti Mahavidyalaya (1997), P.O. Debalaya (Berachampa) Pin-743 429 Ph. 953216-242652	B, E, H, Ps, Phil, Edn, Soc	B, E, H, Phil			All Com Sub			
11.	College of Genetic Science & Engineering (2002), 30, Thakurhat Road Badu, Kolkata-700 128 Ph. (033) 2526-0051/ 52/53/60				Mi-Bio Bio Tec, Gene M. Bio				

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Derozio Memorial College (1996) Rajarhat Road, P.O. R-Gopalpur Pin -700 136 Ph. 2573-1040	B, E, H, Ps, Phil, Edn, Jour	B, E, Ps, H, Phil, Edn	Ph, Ch, M, Bot, Zoo, Ec, Comp. Sc., Elect, Anthro	M, Ec, Comp Sc,	All Com Sub	Ay		
13.	Dinabandhu Mahavidyalaya (1947) P.O. Bongaon Pin-743 225 Ph. 953215-255044	B, E, S, H, Ps, Phil, Edn	B, E, Ps, H, Edn	Ph, Ch, M, Bot, Zoo, Anthro, Comp.Sc., Ec, G	Ph, M, Ec, Zoo, Anthro, Bot, Ch, G	All Com Sub	Ay	IFF	2(B)
14.	Dr. B. R. Ambedkar Satabarshiki Mahavidyalaya (2005) P.O. Helencha Colony P. O. Bagdah	B, E, Ps, H, Phil, S							
15.	Dum Dum Motijheel College (1950) 1, Motijheel Avenue, Kolkata-700 074 Ph. 2551-2585	B, E, S, H, Ps, Phil, Edn, Jour & Mass Comm., Soc	B, E, H, Ps, Phil, S, Jour & Mass Comm	Comp. Sc, Ec, Ch, M, Ph, Zoo, Bot, G, Stat, Mi. Bio, M. Bio, Elect	Comp Sc, Ec, Ch, Ph, G, Zoo, Bot			INST Comm. Eng. Human Dev	1(B)
16.	Dum Dum Motijheel Rabindra Mahavidyalaya (1968) 208/B/2, Dum Dum Road, Kolkata-700 074 Ph. 2551 5921	E, B		G, Ec, M		All Com Sub	Ay		
17.	Gobardanga Hindu College (1947) P.O. Khantura Pin-743 252 Ph. 953216-249210	B, E, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Edn, Phil	Ph, M, Ch, Ec,	Ph, M, Ch, Ec			TTM	1 (B)

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
18.	Hiralal Mazumder Memorial College for Woman (1959) Dakshineswar, Kolkata-700 035 Ph. 2564-5148/ 2553-2148	B,E,H,S, Ps, Phil, Edn, Soc, Jour	B,E,S,H, Ps, Phil, Soc,Edn Jour	Ph, Ch, M, Bot, Zoo, G, Ec, Psy	G, Ec, Zoo, Fd & Nut, Psy, Bot	All Com. Sub			
19.	Kalinagar Mahavidyalaya (1985) Kalinagar, P.O. Kalinagarhat Pin- 743 442 Ph. 95321727-2067, 2552-5820	B, E, H, Ps, Phil, Edn, G	Edn, G						1 (B)
20.	Kanchrapara College (1972) P.O. Kanchrapara Pin-743 145 Ph. 2585-8790	B, E, S, Hin, Ps, Phil	B, E, Hin, Ps, H	Ph, Ch, M, Bot, Zoo, Ec, Comp. Sc	Ph, Ch, M, Ec, Zoo, Comp. Sc	All Com. Sub	Ay	M.A. in Hin	
21.	Mahadevananda Mahavidyalaya (1968) Monirampore, Barrackpore Pin-700 120 Ph. 2592-0577 2593-0843	B, E, H, Hin, Phil, Edn, Ps, S, Jour	B, E, H, Phil,	Ec, Ph, M, Ch, Zoo, Bot, G, Elect, Comp. Sc., Phy	Ph, M, Ch, Ec	All Com. Sub	Ay	El, Eng & Ben	
22.	Morning Star College Barrackpore Pin-743 101 Ph. 2560-0577 (Self financing)	E, H, B, Phil, Edn, Hin	H, Phil						
23.	Mrinalini Datta Mahavidyapith (1964) Vidyapith Road, Birati, Kolkata-700 051 Ph. 2539-3825 2513-9100	B,E,S,H, Ps, Phil, Edn,Soc, Jour & Mass. Com	B,E,H,S, Ps, Phil, Edn, Soc	Ph, Ch, M, Ec, G, Comp. Sc., Bot, Anthro, Zoo	Ec, G	All Com Sub	Ay	BBA (H) Ad.Sale	

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Nahata Jogendranath Mondal Smriti Mahavidyalaya (1985) P.O. Nahata Pin-743 290 Ph. 953216-255886	B, E, H, Ps, Edn, G, D.Stud	B, E, H, Ps, Edn			All Com Sub	Ay  BM		
25.	Netaji Satabarshiki Mahavidyalaya (2000) Ashokenagar, P.O. Haripur Pin-743 222 Ph. 953216-231438	B, E, H, Ps, Soc, G, Ph, Edn, Music	B, H, Music, Ps, G						
26.	New Barrackpore Acharya Prafulla Ch. Mahavidyalaya (1966) P.O. New Barrackpore Pin-700 131 Ph. 2537-5311	H, Ps, Edn				All Com Sub	Ay		
27.	P. N. Das College (1962) Santinagar, Palta P.O. Bengal Enamel Pin-743 122 Ph. 2592-1327	B, E, H, Ps, Phil, Ec, Hin, Edn, Ph. Edn	B, Ps, H, E	Env. Sc.		All Com Sub	Ay		
28.	Panihati Mahavidyalaya (1964) Barasat Road, Sodepur Pin-743 178 Ph. 2565-3778	B, E, H, Ps, Phil, Ec, Edn,	B, Ps, H, E	Ph, Ch, Ec, Bot, Zoo, M, Comp. Sc., G	G, Zoo	All Com Sub	Ay		
29.	Prasanta Chandra Mahalanobis Mahavidyalaya (1965) 111/2, B. T. Road Kolkata-700 035 Ph. 2557-2479	Soc, Edn	Soc, Edn	M, G, Ec	G, Ec, M	All Com Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
30.	Ramkrishna Mission Vivekananda Centenary College (1963) P.O. Rahara Ph. 2568-2049 2442-2049	B, E		Ph, Ch, M, Zoo, Bot,	Ph, M, Ch, Bot, Zoo			Ser.	1 (B)
31.	Ramkrishna Sarada Mission Vivekananda Vidyabhavan (1961) 33, Nayapatti Road, Dum Dum Kolkata-700 055 Ph. 2551-3452	B, E, S, H, Ps, Phil, Edn, Soc, Jour & Mass Comm., H. Rgt.	B, E, S, H, Ps, Phil, Edn	Ec, M	Ec				2 (G)
32.	Rishi Bankim Ch. College (1947) Kantalpara, Naihati Pin-743 165 Ph. 2581-2099 2587-2099	B, E, S, H, Ps, Phil	B, E, S, Hin, H, Ps, Phil	Ec, Ch, Ph, M, Zoo, Bot.	Ec, M, Ch, Ph, Zoo, Bot, Elect.	All Com Sub	Ay	BCA	
33.	Rishi Bankim Ch. College for Women (1984) Naihati Pin-743 165 Ph. 2581-1281/8375 2580-1905	B, E, S, H, Ps, Phil, Edn	B, E, H, Ps, Phil	Ph, Ch, M. Ec, Bot, G, Zoo,	Ch, G, Zoo, Bot	All Com Sub	Ay	PG in Zoo	
34.	Rishi Bankim Ch. Evening College (1984) Naihati Pin-743 165 Ph. 2581-1281	B, E, Ps, H, Phil, F. Stud, S, Hin	B, E	Ec, Ph, Ch, M, G	Ec, G,	All Com Sub	Ay		
35.	Sarojini Naidu College for Women (1956) 30, Jessore Road, Dum Dum Kolkata-700 028 Ph. 2559-2583	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, Ch, M, G, Bot, Ec, Zoo, M.Bio, Anthro	Ph, G, Ch, M, Bot, Zoo, Ec			Comp App, Comm Eng	1 (G)

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
36.	Shaheed Nurul Islam Mahavidyalaya (2001) Vill. Gokulpur, Harishpur P.O. Tentulia Pin-743 703 Ph. 953217-253923	B, E, H, Ps, Phil, Edn	H, Edn, B, E, Ps						
37.	Sree Chaitanya College (1956) P.O. Habra Prafullanagar, Pin-743 268 Ph. 953216-237020/ 236767	B, E, Ps, S, H, Phil, Def. Styd	B, E, Ps, Phil, H	Ph, Ch, M, Bot, Zoo, Ec, Anthro, G, Elect	Ph, Ch, M, Bot, Zoo, Anthro, Ec, G				1 (B)
38.	Sree Chaitanya Mahavidyalaya (1965) P.O. Habra Prafullanagar, Pin-743 268 Ph. 953216-252086	E, B		Ec, G. Env. Sc.	Ec,	All Com Sub	Ay		1(B)
39.	Taki Govt. College (1950) P.O. Taki Pin-743 429 Ph. 9117-247226	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Zoo, Bot	Ch, Ec, Zoo, Bot				PG in B
40.	Vivekananda College (1987) P.O. East Udayrajpur, Madhyamgram Kolkata-700 129 Ph. 2538-7392 / 2555-6686	B, E, H, Ps, Phil, Edn, G	H, G, B, Edn, E			All Com Sub			
41.	Sarada Ma Girls College (2005) Baluria Nabapally, Barasat (Self financing)	E, H, Soc, H. Dev		Ph, Ch, M, Fdk, Nut, Comp. Sc.	Fdk, Nut, Comp. Sc.				

APPENDIX

SOUTH 24 PARGANAS (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bankim Sardar College (1955) P.O. Tangrakhali Pin-743 329 Ph. 953218-255263	B, S, E, H, Ps, Phil	B, S, H, Ps	Ec, Ph, Ch, M, Bot, Zoo	Ph, Ch, Bot, Zoo	All Com. Sub	Ay		2 (B)
2.	Baruipur College (1981) P.O. Purandarpur Moth Pin-743 610 Ph. 2433-9566	B, E, H, Edn, Ps, Phil, Jour	B, E, H, Ps, Edn, Phil	G, M, Zoo, Bot, Phy	G	All Com Sub	Ay		
3.	Behala College (1963) Parnasree, Behala Kolkata-700 060 Ph. 2451-5354/6451	B, E, S, H, Ps, Phil, Jour	B, E, H, Ps, Phil	Ph, Ch, M, Zoo, Ec, Stat, Elect, Bot, Def. Stud., Comp. Sc.	Ch, M, Ph, Ec, Zoo			IFF	
4.	Bhangar Mahavidyalaya (1997) P.O. + P.S. Bhangar Pin-743 502 Ph. 953218-270460	B, E, H, Ps, Phil, Edn	B, Ps, H	Ec, G, M	G	All Com Sub	Ay		
5.	Budge Budge College (1971) 7, Deshbandhu Chittaranjan Road, Budge Budge-743 319 Ph. 2470-1454/5168	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Edn, Phil	G, Bot, Ph, Ch, M, Ec, Zoo	G, Zoo, Bot.	All Com Sub	Ay		
6.	Dhruba Chand Haider College (1965) P.O. Dakshin Barasat Pin-743 372 Ph. 953218-222550	B, E, S, H, Ps, Phil, Ph, Edn	B, E, H, Ps, Phil	G, Ec, Ph, M, Ch. Zoo, Bot, Mi. Bio, Comp. Sc.	G, M, Mi. Bio, Ec	All Com Sub	Ay		1 (B)

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Dinabandhu Andrews College, (1956) 54, S.C. Mallick Road P.O. Garia, Kolkata-700 084 Ph. 2430-4377	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ec, Ph. M, Ch, Zoo, Bot, Mol. Bio,G	Ec, M, Ph, Ch, Zoo, Bot, Mi.Bio	All Com Sub	Ay	PG in Zoo, Ch, BCA, BBA	
8.	Fakir Chand College (1948) P.O. F.C.College Diamond Harbour Pin- 743 331 Ph. 953174-255230	B, E, S, H, Ps, Phil, Edn, Ph.Edn	B, E, H, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Zoo, Bot, Comp Sc	Ph, M, Ch, G, Ec	All Com Sub	Ay	B.Ed	
9.	Gour Mohan Sachin Mondal Maha-vidyalaya, (1969) P.O. Bireswarpur Ph. 953174-277355	B, E, S, H, Ps, Phil, Edn	B, E, H, Ps, Phil, Edn, G	Ph, Ch, M, G, Bot, Zoo, Ec Comp. Sc.	G, Ph, Ch, M	All Com Sub	Ay		1(B)
10.	K. K. Das College of Commerce (1964) P.O. Garia, Kolkata-700 084 Ph. 2530-5398 2430-5398	B, E, Soc, Edn	B, E	Ec, M, Stat	Ec, M	All Com Sub	Ay	E. Beng E. Eng	
11.	Kishore Bharati Bhagini Nivedita (Co.Ed.) College (2001) 148, Ramkrishna Sarani, Vivekananda Palli, Behala, Kolkata-700 060 Ph. 2404-0091	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Phil, Edn	Ch, G, Phy, Zoo, Mi-Bio	G, Mi-Bio	All Com Sub	Ay		
12.	Kultali Dr. B. R. Ambedkar College, (2005), Vill-II, No. Jalaberia, P.O. Jamtala P. S. Kultali, Pin-743 338	B, E, H, Edn, Soc, Ps, Phil	B, E, H, Edn, Soc, Ps Phil	M, Bot, Zoo, Ch, Ph, G	G				



## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Magrahat College (1996) P.S. Magrahat Pin-743 335 Ph. 91745-22630	B, E, H, Ps, Edn, G	B, H, G, Edn						
14.	Maheshtala College (1971) P.O. Chandannagar (via-Maheshtala), Pin- 743 352 Ph. 2490-1502/8350	B, E, S, H, Ps, Phil, Edn, Jour & Mass Comm.	B, E, H, S, Ps, Phil, Edn	Ph, Ch, M, Ec, G, Bot, Comp Sc. Zoo	Ec, M, G, Ec	All Com Sub	Ay		
15.	Patharpratima Mahavidyalaya (2001), Patharpratima-743 371 Ph. 953210-267602	B, E, H, Ps, Phil, Ec, Edn	B, E, H, Ps, Phil, G	M		All Com Sub	Ay		
16.	Raidighi College (1995) P.O. Raidighi, Pin- 743 383 Ph. 953174-270761	B, E, H, Edn, Ps	B, E, H, Edn	Ph, Ch, M, G	G, M				
17.	Ramkrishna Mission Residential College (1960), P.O. Narendrapur, Kolkata-100 103 Ph. 2477-2201-05	B, E, S, H, Hin, Ps, Phil	E, H	Ph, M, Ch, Stat, Ec, Zoo, Elec	Ph, M, Ch, Ec, Stat, Comp. Sc				3(B)
18.	Robin Mukherjee College, (1967) Parnasree, Kolkata-700 060 Ph. 2578-5167					All Com Sub	Ay		
19.	Sagar Mahavi- dyalaya, (1998). P.O. Harinbari P.S. Sagar Pin-743 373 Ph. 953210-242882	B, H, E Ps, Edn, G, Phil	B, H, G					Eng. (Elective)	

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
20.	Saheed Anurup Ch. Mahavidyalaya (1991) P.O. Burul, Pin-743 318 Ph. 2420-6131	B, E, H, Ps, Phil, Edn	B, H, Ps E			All Com Sub	Ay		
21.	Sammiiani Mahavidyalaya, (1996) Baghajatin Station E.M.By-Pass, Pin-700 075 Ph. 2462-6869/7656	B, E, S, H, Ps, Phil, Edn	B, E, H, S	Ph, Ch, M, Zoo, Comp. Sc., G, Mi.Bio, Mol.Bio	Mi. Bio, Comp. Sc., G, Ph	All Com Sub	Ay	Comp App.	
22.	Sarsuna College (1999), Sarsuna Upanagari Ho-Chi-Minh Sarani Kolkata-700 061 Ph. 2452-4104/3699	B, E, H, Ps, Edn, F. Stud	B, E, H, Ps, Edn	Ph, Ch, M, Zoo, Bot, G, Comp Sc., Mi-Bio, Ec, Elec	Ch, G, Comp. Sc., Mi-Bio, Ec, Bio, Chem		Ay	BBA & Elec. Med. E. Eng	
23.	Sonarpur Mahavidyalaya(1985) Sahid Biswanath Sarani, P.O. Rajpur Pin-700 149 Ph. 2434-1421	B, E, H, Ps, Phil, Edn	B, E, H, Phil, Edn	G, Zoo, Bot, Ph Phy, M	G, Phy Comp. Sc.	All Com Sub	Ay		
24.	Sundarban Hazi Desarat College (1961) Vill + P.O. Pathankhali Pin-743 611 Ph. 953218-283038	B, E, H, Ps, Phil, Edn	B, H	Ec, Ph, Ch, M, Zoo, Bot, Anthro		All Com Sub	Ay		4 (B) 2 (G)
25.	Sundarban Mahavidyalaya (1965), P.O. Kakdwip Pin- 743 347 Ph. 953210-255057	B, E, H, Ps, Phil, Edn	B, E, H, Ps, Phil	Ph, Ch, M, Ec, G	Ph, Ec, Ch, M, G	All Com Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
26.	Sushil Kar College (1968) Ghoshpur, P.O. Champahati Pin- 743 330 Ph. 953212-86005	B, E, H, Ps, Phil, Edn, Def. Stud	B, E, H, Ps, Phil	Ec, M, G	Ec	All Com Sub	Ay Mkt.		
27.	Vidyanagar College, (1963) P.O. Charashyamdas Pin- 743 503 Ph. 2495-9218	B, E, H, Ps, Phil, Edn	B, Phil H, Ps, E	Ph, Ch, M, Zoo, Bot, Ec	M, Ec	All Com Sub	Ay	E. Eng	
28.	Vivekananda College, (1950) 269, D.H. Road Thakurpukur, Kolkata-700 063 Ph. 2497-0434/0024	B, E, S, H, Ps, Phil, Jour & Mass. Comm	B, E, S, H, Phil, Ps, Jour & Mass. Comm	M, Ec, Zoo, Ph, Bot, Ch, Elect, Stat, G, Comp. Sc.	Ph, Ec, Ch, M, Zoo, Bot, G	All Com Sub	Ay	Tax Prac.	
29.	Vivekananda College for Women (1961) Barisha, Kolkata-700 008 Ph. 2468-5031 2447-1575	B, E, S, H, Ps, Phil, Soc, Edn, Music	B, E, S, H, Ps, Phil	G, M, Ch, Ec, Zoo, Bot, Anthro, Psy, Ph	G, Ec, Anthro, M, Bot				
30.	Hingalganj Mahavidyalaya, (2005) P. O. Hingalganj	Data not received							

## APPENDIX

## HOWRAH (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Azad Hind Fauz Smriti Mahavidyalaya (1986) P.O. Domjur Pin-711 405 Ph. 2670-0838	B, E, H, Ps, Edn, G	B, G, H, Edn			All Com. Sub			
2.	Bagnan College (1958) P.O. Bagnan Pin-711 303 Ph. 953214-272258	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ch, M, Ec	All Com. Sub	Ay		
3.	Bijoy Krishna Girls' College (1947) 5/3, M. G. Road Pin-711 101 Ph. 2660-2341 2650-8877	B, E, S, H, Hin, Phil, Ps, Edn, Soc, Music	B, E, S, H, Hin, Ps, Phil, Edn	Ec, Ph, Ch, M, G, Zoo, Psy, Bot, Mi.-Bio Stat	Ec, Ph, Ch, M, G, Psy, Mi.-Bio, Comp. Sc.	All Com. Sub	Ay	B. Ed	
4.	Dr. Kanailal Bhattacharyya College (1985) P.O. Santragachi, Ramrajatala Pin-711 104 Ph. 2627-2490	B, E, H, Ps, Phil, Edn, G	B, H, Ps, Edn, E, Phil			All Com. Sub	Ay	BBA TTM Int. Dec & Beaut UGC (Voc)	1 (G)
5.	Gangadharpur Mahavidyalaya (1981) P.O. Gangadharpur Pin-711 302 Ph. 9114-251223	B, E, S, H, Ps, Phil, Edn,	B, H, Ps, Phil, Edn			All Com. Sub	Ay		
6.	Joypur Panchanan Roy College (1986) P.O. Joypur Fakirdas Pin-711 401 Ph. 953214-234130	B, E, H, Ps, Phil, Edn, Ph. Edn	B, E, H			All Com. Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Lalbaba College (1964) 117, G.T. Road, P.O. Belur Math Pin-711 202 Ph. 2654-6289/9222	B, E, S, Hin, H, Ps, Phil, Edn	B, E, H, Ps, Phil	G, Ec, M, Ph, Ch	G, Ec	All Com. Sub	Ay		
8.	Narshinha Dutta College (1924) 129, Belilious Road, Howrah-711 101 Ph. 2643-8049	B, E, Ur, S, H, Ps, Phil, Edn	B, E, S, H, Ps, Phil, Edn	Ec, Ph, Ch, M, Bot, Zoo, Anthro, Comp. Sc. Stat	Ec, Ph, Ch, M, Bot, Zoo, Anthro, Comp. Sc. Elec	All Com. Sub	Ay		
9.	Prabhu Jagatbandhu College, (1964) P.O. Jorhat Pin-711 302 Ph. 2669-0221	B, E, H, Ps, Phil, Ph, Edn	B, H, Phil, Ps	G, Ec, M, Ph, Ch, Elect, Comp. Sc	G, Ec, M, Ph	All Com. Sub	Ay	BBA	
10.	Purash Kanpur Haridas Nandi Mahavidyalaya (1966) P.O. Kanpur-711 410 Ph. 953214-250236	B, E, H, Ps	B, E, H, Ps,	G, Ph, Ch, M, Ec	Ec	All Com. Sub	Ay		
11.	Ramkrishna Mission Vidyamandir (1941) P.O. Belur Math Pin-711 202 Ph. 2654-9181	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ec, Ph, M, Ch, Comp. Sc	Ec, M, Ph, Ch,			Comp App, Ind. Chem	5 (B)
12.	Ramsaday College (1946) P.O. Amta Pin-711 401 Ph. 9114-26025	B, H, Ps	B, H, Ps, E	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ec, Ch, M	All Com. Sub	Ay		

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Shibpur Dinabandhu Institution (1948) 412/1,G.T. Road (S) Howrah-711 102 Ph. 2688-0496	B, E, S, Ur, Hin, H, Ps, Phil, Soc, Edn	B, E, H, Ps, Phil, Edn, S	Ph, M, Ch, Ec, Comp, Sc, Zoo, Bot, Stat	Ph,M, Ch, Ec, Comp Sc, Bot	All Com. Sub	Ay		
14.	Shyampur Siddheswari Mahavidyalaya (1964) P.O. Ajodhya Pin-711 312 Ph. 953214-261221	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo, Phy	M, Ch, Zoo	All Com. Sub	Ay	E. Eng	
15.	Sovarani Memorial College (1971) P.O. Jagatballavpur Pin-711 408 Ph. 953214-255038	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ch, M, Ec	All Com. Sub	Ay	Elec. Eng	
16.	Sree Agrasain College (2004) 5/2A, Height Road Liluah, Howrah-711204 Ph. 2655-4917, 4035 6454-9508 (Self financing)	B, E, Env. Sc. Edn, Hin, H, Phil	Edn, Hin	Ph, M, Comp. Sc. Elec.	Comp. Sc. Elec.	All Com. Sub	Ay	BBA Hons. B.Sc. (M)in Comp. Appl.	
17.	Uluberia College (1948) Uluberia Pin-711 315 Ph. 2661-0332	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec	Ph, Ec, Ch, M, Bot, Zoo,	All Com. Sub	Ay		
18.	Udaynarayanpur Madhabilata Mahavidyalaya (2006) P.O. Udaynarayanpur (Jangalpara) Pin -712 226 Ph. 03214-210178	B, E, G, H, Phil							

**APPENDIX**

**HOOGHLY (CU, BU)**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Aghore Kamini Prakash Chandra Mahavidyalaya (1959) Vill. Subhasnagar P.O. Bengal Pin-712 611 Ph. 953211-246235	B, E, S, H, Ps, Phil, Ph, Edn	B, E, S, H, Ps	Ph, M, Ch, Ec, G	Ph, M, Ch	All Com Sub	Ay		2 (B) 1 (G)
2.	Arambag Girls' College (1995) P.O. Arambag Pin-712 601 Ph. 953211-255960	B, E, H, Ps, Soc, G	B, E, H, Ps, Soc						
3.	Balagarh Bijoy Krishna Mahavidyalaya (1985) P.O. Balagarh Pin-712 501 Ph. 953213-260288	B, E, H, Ps	B, H	M, Ec, Ch, Ph, G	M	All Com Sub	Ay		
4.	Bijoy Narayan Dutta Smriti Mahavidyalaya (1950) P.O. Itachuna Pin-712 147 Ph. 9113-66275	B, E, S, H, Ps, Phil, Ph, Edn, Stat	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec	Ph, Ec, Ch, M, Zoo, Bot	All Com. Sub			
5.	Bidhan Chandra College (1957) 31, G.T. Road (East) P.O. Rishra Pin-712 248 Ph. 2672-6784/1812	B, E, S, Ps, H, Phil, Edn,	B, E, Ps, H, Phil, Edn	Ph, M, Elect, Ec, G Env. Std, Comp. Sc.	Ec, M, G	All Com Sub	Ay	OMSP	

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Chandernagore Govt. College (1891) P.O. Chandernagore Pin-712 136 Ph. 2683-5290	B, E, S, Fr, H, Ps, Phil	B, E, Fr, H, Ps, Phil	Ph, Ch, M, G, Bot, Ec Zoo,	Ph, Ec, Ch, M, G, Bot, Zoo,	All Com Sub	Ay	PG in G	
7.	Hooghly Mohsin College (1836) P. O. Chinsurah Pin-712 101 Ph. 2680-2252	B, E, S, Ur, Ar, Per, H, Ps, Phil	B, E, S, Ur, Ar, Per, H, Ps, Phil	Ph, Ch, M, Ec, G, Bot, Ec, Zoo, Phy, Elect	Ph, M, Ch, G, Ec, Bot, Zoo, Phy, Elect	All Com Sub	Ay	PG in Ps, Phy Comm	
8.	Hooghly Women's College (1949) Pupulpati P.O. Hooghly Pin-712 103 Ph. 2680-2335	B, E, S, H, Ps, Phil, Music	B, E, S, H, Phil, Ps	Ph, Ch, M, Ec, G, Bot, Zoo	Ph, G, Ch, Ec, Mi-Bio, G				1 (G)
9.	Kabi Sukanta Mahavidyalaya (1986) P.O. Angus Bhadreswar Pin-712 221 Ph. 2633-6184	B, E, H, Soc, Ec, S, Ps	B, E	G	G	All Com Sub	Ay	TTM (Self financing UGC)	
10.	Khalisani Mahavidyalaya (1970) P.O. Khalisani Pin- 712 138 Ph. 2682-5530	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	G, Ec, M, Ph, Ch, Comp. Sc	M, G, Ec	All Com Sub	Ay		



**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
11.	Nabagram Hiralal Paul College (1957) P.O. Nabagram Pin-712 246 Ph. 2673-0007/5161	B, E, S, H, Ps, Phil, Edn	B, E, H, Phil, Ps	Ec, Ph, M, Ch	Ec, Ph, M, Ch	All Com Sub	Ay		
12.	Netaji Mahavidyalaya (1948) Arambag Pin-712 601 Ph. 953211-255012	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Plant Protect	Ph,G, Ch,M, Zoo, Ec, Bot	All Com Sub	Ay	Comm Eng., OMSP	1 (B) 1 (G)
13.	Polba Mahavidyalaya (2005) Village & P.O. Polba, Hooghly	B, E, Ps, H, Phil, S							
14.	Rabindra Mahavidyalaya (1971) P.O. Champadanga Pin-712 401 Ph. 9112-255104	B, E, S, H, Ps, Phil, Ph. Edn	B, E, H, S, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Stat Mi-Bio	Ph, Ch, Zoo, Ec, Bot, M.Bio	All Com Sub	Ay	Def. Stud	
15.	Raja Peary Mohan College(1881) Uttarpara Pin-712 258 Ph. 2663-4155	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy, Comp.Sc, Mi.Bio	Ph, Ec, Ch, M, Zoo, Bot, Phy, Mi.Bio	All Com Sub	Ay		
16.	Raja Rammohan Roy Mahavidyalaya (1964) P.O. Namgulpara, Radhanagar Pin-712 406 Ph. 9532111-266221	B, E, S, H, Ps, Phil, Ph, Edn,	B, E, H, Ps	Ph, Ch, M, Zoo, Env. Stud, Comp. Sc	Ph, Ch,M, Zoo, Bot,	All Com Sub	Ay		

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
17.	Sarat Centenary College (1976) P.O. Dhaniakhali, Pin-712 302 Ph. 9113-255282	B, E, S, H, Ps, Phil	B, E, H, Ps,	Ph, Ch, M, Zoo, Bot, G	M, Ec	All Com Sub	Ay		
18.	Serampore College (1818) Serampore Pin-712 202 Ph. 2662-2322	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy, Stat	Ph, M, Ch, Ec, Zoo, Bot, Phy,	All Com Sub	Ay	Comm. Eng	
19.	Serampore Girls College (1981) 13, T.C. Goswami Street, Serampore Pin-712 201 Ph. 2662-3723	B, E, S, Ps, H, Phil, Edn	B, E, S, Ps, H, Phil, Edn	Ph, Ch, M, Bot, Comp. Sc., G, Elect., Zoo	G, Comp. Sc				
20.	Sree Gopal Banerjee College (1958) Vill. Bagati, P.O. Magra Pin-712 148 Ph. 2684-6244/2706	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ec, Ch, M, Ph, Zoo, Bot, Plt, Prot	Ph, Ch, M, Zoo, Bot,	All Com Sub	Ay	Tax. Prac	1 (B) 1 (G)
21.	Sri Ramkrishna Sarada Vidyamahapith (1959) P.O. Kamarpukur Pin-712 612 Ph. 953211-244224	B, E, S, H, Ps, Phil	B, E, S, H, Phil, Ps	Ph, Ch, M, Ec,	Ph, M, Ch, Ec				1(B) 1(G)

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
22.	Swami Niswam Bala Nanda Girls' College (1978) 87, B.P.M.B Sarani P.O. Bhadrakali Pin-712 232 Ph. 2663-0270	B, E, S, H, Ps, Phil, Edn, Ec	E, B, H, Phil, Edn			All Com. Sub	Ay		
23.	Tarakeswar Degree College(1986) P.O. Tarakeswar Pin-712 410 Ph. 953212-279398 / 276269	B, E, H, Soc, Ps, Phil, Ec, S, Music Ph. Edn. G	B, E, H, Soc, G Phil	Math, Comp. Sc.		All Com. Sub	Ay		
24.	Vivekananda Mahavidyalaya (1966) P.O. Haripal Pin-712 405 Ph. 9112-242235	B, E, S, H, Ps, Phil, Ph. Edn, Edn	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Elect, Comp Sc, G, Zoo, Bot	M, G, Ec, Comp. Sc	All Com. Sub	Ay		
25.	Vidyasagar Mahavidyalaya (1998) Vill.-Suchia P.O. Mosat Pin-712 701 Ph. 953212-266887	B, E, H, Ps, Edn, Phil	B			All Com. Sub	Ay		
26.	Vidyasagar Institute of Science & Technology (2007) Hooghly (Self financing)				Bio- Tech, Bio- Chem				

APPENDIX

BURDWAN (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Asansol Girls' College (1956) P.O. Asansol Pin-713 304 Ph. 95341-2254098	B, E, S, H, Ps, Phil, Hin	B, E, S, H, Ps, Phil	Ph, Ch, M, G, Bot, Ec, Zoo, Comp.Sc	Ch, G, Bot, Ec, M, Zoo, Comp. Sc., Ph, Nut	All Com Sub			2(G)
2.	Banwarilal Bhalotia College (1944) Ushagram P.O. Asansol Pin-713 303 Ph. 95341-2202842 / 2206529	B, E, Hin, Ur, H, Ps, Phil, S	B, E, Hin, H, Phil, Ps	Ph, M, Ch, Zoo, Bot, Ec, Elect, Stat, G	Ph, M, Ch, Ec, Zoo, Bot, Comp. Sc., G	All Com Sub	Ay	Env. & W. Bsc(IT) BCA, BBA, PG in Ph.	1(B)
3.	Bidhan Chandra College (1961) P.O. Asansol Pin-713 304 Ph. 95341-202520	B, E, S, Ur, Hin, H, Ps, Phil	B, E, Hin, H, Ps	Ec, Ph, M, Ch, Bot, Zoo	Ec, M, Ph, Ch	All Com Sub	Ay		
4.	Burdwan Raj College (1881) Aftab House Pin-713 104 Ph. 95342-257843 2565841	B, E, S, H, Ps, Phil, Hin, Soc	B, E, S, H, Ps, Phil, Soc	Ec, Ph, Ch, M, Zoo, Bot, Stat, Elect.	Ec, Ph, Ch, M, Zoo, Bot	All Com Sub	Ay	IFF BBA	2(B)
5.	Chandrapur College (1985) P.O. Chandrapur, Katwa Pin-713 145 Ph. 95342-2752122	B, E, H, Phil, Ps	B, H, E	G, Ec, M	G	All Com Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Deshbandhu Mahavidyalaya (1973) P.O. Chittaranjan, Pin-713 331 Ph. 95341-2525449	B, E, S, Ps, Hin H, Phil	B, E, H, Ps, Hin	Ec, M, Ph, Ch, G	Ec, M	All Com Sub	Ay		
7.	Dr. Gour Mohan Roy College (1986) P.O. Monteswar Pin-713 145 Ph. 95342-275548	B, E, H, Phil, Ps, Ec	B, E, H, Ps, S	Ec		All Com Sub	Ay		
8.	Dr. Bhupendranath Dutta Smriti Mahavidyalaya (1996) P.O. Hatgobindapur Pin-713 407 Ph. 95342-2584616	B, E, H, Ps, Phil, S, Ph. Edn	B, E, H, Ps	G, Ph, M, Ch, Bot, Zoo	M, G, Nut	All Com Sub	Ay		
9.	Durgapore College of Commerce and Science, (2003) Durgapore (Self financing)	E, B		Bio-Tech, Bio-Chem, M-Bio Evs.	Bio-Tech, Bio-Chem, M-Bio, Evs	All Com Sub		P.G. in Bio- Chem.	
10.	Durgapur Govt. College (1970) Durgapur Pin-713 214 Ph. 95343-2500535/ 2546038	B, E, S, H, Ps, Phil, Ec, Ph. Edn	B, E, S, H, Ps, Phil, Ec	Ph, Ch, M, Bot, Zoo, Elect, Geo, Ec, Ph.Edn	Ph, M, Ch, Ec, Geo, Bot, Zoo	All Com Sub	Ay	PG in Geo	Nil
11.	Durgapur Women's College (1980) Durgapur Pin-713 209 Ph. 95343-2562852	B, E, S, H, Phil, Ps	B, E, H, Ps	Ec, Ph, M, Ch, Elect	Ch, M				

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Guskara Mahavidyalaya (1965) P.O. Guskara Pin-713 128 Ph. 953452-255105	B, E, H, S, Phil, Ps, Ph. Edn	B, E, S, H, Phil, Ps	G, Ec, Ph, M, Ch, Zoo, Bot, Elect.	Ph, M, Ch, G, Zoo, Bot,	All Com Sub	Ay		1(B) 1(G)
13.	Kalna College (1943) P.O.Kalna Pin-713 409 Ph. 953454-255032 / 255861	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, G	Ph, M, Ch, Bot, Zoo, Ec	All Com Sub	Ay	B.Ed	1(B)
14.	Katwa College (1948) P.O. Katwa Pin-713 130 Ph. 953453-255049 / 255050 / 255164	B, E, S, H, Phil, Ps	B, E, H, Phil, Ps	Ec, Ph, M, Ch, Zoo, G, Bot, Phy, Elect	Ec, M, Ph, Zoo, Ch, Bot, Phy	All Com Sub	Ay		1(B) 1(G)
15.	Kazi Nazrul Islam Mahavidyalaya (1982) P.O.Churulia Pin-713 368 Ph. 953465-52202	B, E, Hin, H, Phil, Ps, G				All Com Sub	Ay		
16.	Khandra College (1982), P.O. Khandra Dt. Burdwan Ph. 95341-2665245	B, E, S, H, Hin, Ps, Phil, Ec	B, E, S, H, Hin, Ps, Phil, Ec, G			All Com Sub			
17.	Kandra Radha Kanto Kundu Mahavidyalaya (2001) Vill + P.O. Kandra, Pin-713 129 Ph. 953453-273372	B, E, H, Ps, Ec, G, Ph. Edn	B, H, G, E						

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
18.	Kulti College (1986) P.O. Kulti Pin-713 343 Ph. 95341-2515711	B, E, Hin, H, Ps	B, H, Hin	Ec, Ch, Zoo, Bot, Mi-Bio	Mi- Bio	All Com Sub	Ay		
19.	Mankar College (1987) P.O. Mankar Pin-713 144 Ph. 95343-2517269	B, E, Hin, H, Ps, Phil,	B, E, H, Ps	Ph, M, G, Ec, Comp Sc.	G, Comp Sc.	All Com Sub	Ay	Comp. App. BCA	
20.	Memari College (1981) Memari Hatpukur P.O. Memari Pin-713 146 Ph. 95342-2250589	B, E, H, Ps, Phil, Ph, Edn, S	B, E, H, Ps, Phil	G, Ec, Ph, M, Ch, Stat, Comp.Sc	G, Ec	All Com Sub	Ay		
21.	Michael Madhusudan Memorial College (1996) Kabi Guru Sarani, City Centre Durgapur Pin-713 216 Ph. 95343-2566700	B, E, H, Ps, Phil	B, E, H, Phil	G, M, Ph, Comp. Sc., Ec, Elec., Ch, Zoo	G, Comp. Sc, Mi-Bio	All Com Sub	Ay	BBA BSc. (I.T)	
22.	M.U.C.Women's College (1955) B. C. Road, Pin-713 104 Ph. 95342-2533168 / 2531900	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, G, Ec, Stat, Mi. Bio	Ph, M, Zoo, Ch, G, Bot, Ec, Stat, Mi.Bio				
23.	Pandaveswar College, (2005) P.O. Pandaveswar Burdwan	E, B, Hin, H, Ur, Ps, Soc, Edn	E, B						

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Raniganj Girls' College (1980) P.O.Raniganj Pin-713 347 Ph. 95343-2445280 / 2444069	B, E, S, Hin, H, Ps, Phil	B, E, H, Ps, Phil, Hin	Ec, Ph, Ch, M, Zoo, Bot	M, Ph, Zoo, Bot, Ec	All Com Sub			
25.	Syamsundar College (1948) P.O. Syamsundar Pin-713 424 Ph. 95431-80226	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Bot, Zoo, G, Ec, Comp. Sc.	Ph, M,Ch, Bot, Zoo, Mi.Bio	All Com Sub	Ay	Seed Tech	
26.	Trivenidevi Bhalotia College (1957) P.O. Raniganj Pin-713 347 Ph. 95341-2444780/ 2444275	B, E, S, Ur, Hin, H, Ps, Phil	B, E, Ur, Hin, H, Ps, S	G, Geo, Ph, M, Ch,Zoo, Bot, Ec, Phy, Stat, Elect., Comp. Sc.	G, Ec, Geo, Ph,M, Ch, Zoo, Bot, Stat, Elect, Phy	All Com Sub	Ay	Ser	1(B)
27.	Vivekananda Mahavidyalaya (1964) P.O. Burdwan Pin-713 103 Ph. 95342-2565521 / 2565208	B, E, S, H, Ps, Phil	B, E, H, Ps,	G, Ec, Ph, M, Ch, Zoo, Bot, Stat	G, Ec, Ph,M, Ch, Zoo, Bot, Mi-Bio, Nut			Biologi Techni	



**APPENDIX**

**PURULIA (BU)**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Achhruram Memorial College (1975) Vill + P.O. Jhalda Pin-723 202 Ph. 953254-255255	B, E, S, Hin, H, Ps, Phil	B, E, H, Phil	Ph, Ch, M, Zoo, Bot	Ph, M, Ch, Zoo, Bot, Ec				
2.	Ananda Marg College (1966), Purulia (Self financing)	B, E, H, Ps	B	Ph, Ch, M					
3.	Balarampur College (1985) P.O. Rangadih Pin-723 143 Ph. 953252-280217	B, E, Hin, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, M, G, Zoo, Bot	M, G	All Com Sub	Ay BO		1(B)
4.	Barabazar Bikram Tudu Memorial College (2006) P.O. Barabhum-723 127 Dt. Purulia Ph. 03253-258251/ 258389	B, E, S, H, Ps							
5.	J.K. College (1948) P.O. Ketika Pin-723 101 Ph. 953252-222416 / 228744	B, E, S, Hin, H, Ps, Phil	B, E, H, S, Ps, Phil	Ec, Ph, M, Ch, Zoo, Bot, Geo, Comp. Sc, Stat, G	Ec, Ph, M, Ch, Zoo, Bot, G, Comp. Sc., Mi-Bio	All Com Sub	Ay	PG in M	2(B)
6.	Kashipur Michael Madhusudan Mahavidyalaya (2000) Kashipur, P.O. Panchokotraj Pin-723 132 Ph. 953251-246556	B, E, H, G, Soc, Ec	B, G, Soc, Phil	Ch, Zoo, Bot					

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Mahatma Gandhi College (1981) Lalpur, P.O. Daldali Dt. Purulia Ph. 953252-240251	B, E, S, H, Ps, Phil, Ec	B, E, H, Ps	Ch, Zoo, Bot		All Com Sub	Ay		1(G)
8.	Manbhum Mahavidyalaya(1986) P.O. Manbazar Pin-723 131 Ph. 953253-255632	B, E, H, Ps, Ph. Edn	B, E, H Santali	Ec, Ph, M, G, Comp. Sc	Ec, Comp. Sc	All Com Sub	Ay		1(B)
9.	Netaji Subhas Asram Mahavidyalaya (1985) P.O. Suisa Pin-723 212 Ph. 953254-244150	B, E, Hin, H, Phil, G, Ps	B						1(B)
10.	Nistarini College (1957) P.O. Deshbandhu Road Pin-723 101 Ph. 953252- 222064	B, E, S, H, Hin, Ps, Phil, Music	B, E, H, Ps, Phil	G, Ph, M, Ch, Zoo, Bot, Comp. Sc.	G, Ch, M, Bot, Ph, Zoo, Nut				2(G)
11.	Panchkot Mahavidyalaya (2000) Sarbari More P.O. Nituria Pin-723 121 Ph. 953251-255512	B, E, Hin, H, Ps, G, Env	B, E, H, G			All Com Sub	Ay		
12.	Raghunathpur College (1961) P.O. Raghunathpur Pin-723 133 Ph. 953251-255235	B, E, S, H, Ps, Phil	B, E, H	Ec, Ph, M, Ch, Zoo, Bot	Ec, M, Ph, Ch	All Com Sub	Ay		2(B)
13.	Ramananda Centenary College (1971) P.O. Laulara Pin-723 151 Ph. 953253-259521 / 259217	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, Ch, G, M, Ec,Zoo, Bot, Comp. Sc.	Ch, Ph, Ec				1(G) 1(B)

## APPENDIX

### BANKURA (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bankura Christian College (1903) P.O. Bankura Pin-722 101 Ph. 953242-250924 / 259724 / 251121	B, E, S, H, Ps, Phil,	B, E, S, H, Ps., Phil, Soc	Ph, Ch, M, Bot, Ec, Zoo, G, Phy	Ph,Ch, M, Ec, Bot, Zoo, Elect, G	All Com Sub	Ay	PG in Eng.	4(B) 1(G)
2.	Bankura Sammilani College (1948) P.O. Kenduadihi Pin-722 101 Ph. 953242-250741	B, E, H, Ps,	B, E, H, Ps	Ch, M, Zoo, Bot, Ph, Mi.Bio, Comp. Sc.	Ch, M, Zoo, Bot, Ph	All Com. Sub	Ay		3(B) 1(G)
3.	Bankura Zilla Saradamani Mahila Mahavidyapith (1973) Nutanchati Road P.O. Bankura Pin-722 101 Ph. 953242-251194	B, E, S, H, Ps, Phil, G	B, E, S, Ps, H, Phil, G, Ec, M						1(G)
4.	Barjora College (1985) P.O. Barjora Pin-722 202 Ph. 953241-257309	B, E, H, Ps, Phil, Ec, G, S	B, E, H, Ps						
5.	Chatra Ramai Pandit Mahavidyalaya (2000) P.O. Darapur Pin-722 141 Ph. 953244-250640	B, E, H, G, Ph, Edn	B, G, S			All Com Sub			
6.	Gobinda Prasad Mahavidyalaya (1985) P.O. Amarkanan Pin-722 133 Ph. 953241-265266	B, E, H, Phil, Ps	B, E, H	Ec, M					

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Indas Mahavidyalaya (2006) P.O. Indus	B, E, H, Ps,		Ph, M, Ch, Zoo, Bot, Comp.Sc. EVS					
8.	Jamini Roy College (1986) Vill + P.O. Beliatore Pin-722 203 Ph. 953241-225926	B, E, H, Ps, Phil, Ec	B, H, E						
9.	Khatra Adibasi Mahavidyalaya (1979) P.O. Khatra Pin-722 140 Ph. 953243-255261	B, E, S, H, Phil, Ps, Ec, Ph.Edn	B, H, S	Ph, Ch, M		All Com Sub	Ay		2(B)
10.	Panchmura Mahavidyalaya (1965) P.O. Panchmura Pin-722 156 Ph. 953243-268227	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ph, Ch, M, Ec	Ec	All Com Sub	Ay		3(B)
11.	Pandit Raghunath Murmu Smriti Mahavidyalaya (1986) Vill- Baragari P.O. Jamboni Pin-722 150 Ph. 953243-268211	B, E, H, Ps, Phil Ec, G, S	B, H, G, E, Ps, Santali						

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Ramananda College (1945) P.O. Bishnupur Pin-722 122 Ph. 953244-252059	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Phy, Ec, Comp. Sc	Ph, M, Ch, G, Zoo, Bot, Ec, Phy, Nut	All Com Sub	Ay		3(B) 1(G)
13.	Saldiha College (1966) P.O. Saldiha Pin-722 173 Ph. 953242-262224	B, E, S, H, Ps, G	B, E, S, H, Ps	Ec, Ph, M, Ch, Zoo, Bot, Phy	Ec, M, Ph, Ch, Zoo	All Com Sub			3(B) 1(G)
14.	Saltora Netaji Centenary College (2001) P.O. Saltora Pin-722 158 Ph. 953241-273456	B, E, S, H, Phil, Ps	B, S, H						
15.	Sonamukhi College (1966) P.O. Sonamukhi Pin-722 207 Ph. 953244-275251	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ec, Ph, M, Ch, Zoo, Bot	Zoo, Bot, M, Ec	All Com Sub	Ay		1(B)
16.	Patrasayer Mahavidyalaya (2005) Bankura	Data not received							

## APPENDIX

## BIRBHUM (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Abhedananda Mahavidyalaya (1965) P.O. Sainthia Pin-731 234 Ph. 953462-262292	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Elect	Ph, M, Ch, Ec, Zoo G	All Com Sub	Ay	BBA	1(B)
2	Birbhum Mahavidyalaya (1979) P.O. Suri Pin-731 101 Ph. 953462-255653 / 253398	B, E, H, S, Ps, Phil, Soc, G	B, E, Ps, G, Phil, S						
3.	Bolpur College (1950) Bolpur Pin-731 120 Ph. 953463-252290	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G, Comp. So.	Ph, Ch, M, Zoo, Bot, Ec	All Com Sub	Ay	Ser., Rural Handi Crafts	1(B) 1(G)
4.	Chandidas Mahavidyalaya (1972) P.O. Khujutiapara Pin-731 215 Ph. 953463-246233	B, E, S, H, Ps, Phil	B, E, H	Ph, Ch, Bot, M, Zoo, Ec, G	M	All Com Sub	Ay		
5.	Hiralal Bhakat College (1986) P.O. Nalhati Pin-731 220 Ph. 953465-255254	B, E, H, Ps, Phil, G, Ec	B, H, Ps, E			All Com Sub	Ay		
6.	Kabi Nazrul College (1985) Vill+P.O. Murarai Pin-731 219 Ph. 953465-252202	B, E, H, Ps, Phil	B, H	Ch, Zoo, Bot		All Com Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Krishna Chandra College (1897) P.O. Hetampur Pin-731 124 Ph. 953462-270236	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, G	M, Ph, Ch, Ec, Bot, Zoo	All Com Sub			2(B)
8.	Rampurhat College (1950) P.O. Rampurhat Pin-731 224 Ph. 953461-255018	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Elect, G	Ph, M, Ch, Bot, Zoo, Ec	All Com Sub	Ay		
9.	Sailajananda Falgooni Smriti Mahavidyalaya (1998) P.O. Khayrasole Pin-731 125 Ph. 953462-240306	B, E, H, Ps, Phil, G, S	B, H, Phil						
10.	Sambhu Nath College (1963) P.O. Labpur Pin-731 204 Ph. 953463-266225	B, E, S, H, Ps, Phil	B, E, S, H, Ps,	Ph, Ch, M, Zoo, Bot, Ec, G	Ph, M, Ch	All Com Sub	Ay		
11.	Suri Vidyasagar College (1942) P.O. Suri Pin-731 101 Ph. 953462-255504 / 257054	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil,	Ph, M, Ch, Zoo, Bot, Phy, Stat, Ec, Comp. Sc, Mi. Bio, Elect, Plt. Prot	Ph, M, Ch, Zoo, Bot, Phy, Ec, Mi. Bio	All Com Sub	Ay		1(B)
12.	Purni Devi Chowdhury Girls' College (2006)	Data not received							
14.	Turku Hansda-Lapsa Hemram Mahavidyalaya (2006) Madian, Managerpara, P.O. Ganpur, Mallarpur Pin-731216 Ph. 03461-262500	B, E, H, G, S							

APPENDIX

NADIA (KU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bethuadahari College (1986) P.O. Bethuadahari Pin-741 126 Ph. 953474-255401	B, E, Ps, H, Phil, Soc	H, B, Ps, G			All Com Sub	Ay		
2.	Chakdaha College (1972) P.O. Chakdaha Pin-741 222 Ph. 9173-242268	B, E, S, H, Phil, Ps	B, E, H, Ps	Ph, M, Ch, Zoo, Bot, Ec, Stat, G	M, Ph, Ch, Zoo, Bot, Ec	All Com Sub	Ay	Ad Sale, BBM BCA	1(B)
3.	Chapra Bangaljahi Mahavidyalaya (2001) P.O. Bangaljahi Pin-741 123	B, E, H, Ps, Ph. Edn	B, G, H						
4.	Dr. B. R. Ambedkar College (1973) P.O. Betai Pin-741 163 Ph. 953471-254207	B, E, H, Phil, Ps, Ph. Edn, Ec, G	B, H, Ec, E, Phil, Ps, G	M		All Com Sub	Ay		
5.	Dwijendralal College (1968) P.O. Krishnanagar Pin-741 101 Ph. 953472-252240	B, H, Ps, Phil, G		Elec.		All Com Sub	Ay	Elect. Beng.	
6.	Haringhata Mahavidyalaya (1986) P.O. Subarnapur Pin-741 249 Ph. 953473-233318	B, E, H, Ps, Ec, G	B, E, H, G, Edn	Ph, M, Ch, Env.Sc., Stat		All Com Sub	Ay		



## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Kalyani Mahavidyalaya (1999) B.T.College Campus Pin-741 235 Ph. 2582-1390	B, E, H, Ps, Soc, Edn, Ph. Edn.	B, E, H, Soc, Edn	Ec, M, Stat, G, Comp. Sc, Bot, Ch, Ph, Phy	Ec, G, Comp. Sc, M, Mi-Bio, Bio- Tech	All Com Sub	Ay		
8.	Karimpur Pannadevi College (1968) P.O. Karimpur Pin-741 152 Ph. 953471-255158	B, E, H, Ps, Phil	B, E, H, Ps, Phil, Soc	Ph, Ch, M, G, Zoo, Bot	Ph, M, Ch, G, Ec	All Com Sub	Ay		
9.	Krishnagar Govt. College (1846) P.O. Krishnanagar Pin-741 101 Ph. 953472-252863	B, E, S, H, Ps, Phil	B, E, S, Phil, H, Ps	Ph, Ch, M, G, Ec, Zoo, Bot, Phy, Stat	Ec, Ph, Ch, M, Zoo, Phy, G			PG in Phil, G	2(B)
10.	Krishnagar Women's College (1958) P.O. Krishnanagar Pin-741 101 Ph. 953472-252355	B, E, S, H, Phil, Ps	B, E, S, Phil, H, Ps	Ph, M, Ch, Ec, Ec, G, Bot, Zoo	Ec, G, Ph				2(G)
11.	Nabadwip Vidyasagar College (1942), P.O. Nabadwip Pin-741 302 Ph. 953472-240009	B, E, S, H, Ps, Phil	B, E, S, H, Ps	Ph, Ch, M, Ec, Bot, Zoo,	Ch, M, Zoo, Bot	All Com Sub	Ay		1(B)
12.	Ranaghat College (1950) Old Baharampur Road Ranaghat Pin-741 201 Ph. 9173-255111	B, E, S, H, Ps, Phil, Ec	B, E, S, H, Ps	Ph, M, Ch, G, Zoo, Bot	Ph, M, Ch, Zoo, Bot, G	All Com Sub	Ay		

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Santipur College (1948), P.O. Santipur Pin-741 404 Ph. 953472-278028	B, E, S, Ps, H, Phil, Envs	B, H, E	Ph, Ch, M, Ec, Bot, Zoo, Comp.Sc.	Ph, M	All Com Sub	Ay	Comp. App	1(B)
14.	Srikrishna College (1950), P.O. Bagula Pin-741 502 Ph. 953473-272205	B, E, H, Ps, Phil, Ph. Edn	B, E, H, Ps	Ph, Ch, M, Ec, Comp. Sc., G		All Com Sub	Ay	B.C.A.	1(B)
15.	Sudhirranjan Lahiri Mahavidyalaya (1966) P.O. Majdia Pin-741 507 Ph. 953472-276206	B, E, H, Ps, Phil, Ec, Soc, Psy, Def.Stud, Ph. Edn	B, H, Phil, Ps, Psy, E, Ec, Soc, G			All Com Sub			

**MURSHIDABAD (KU)**

1.	Berhampur College (1963) P.O. Berhampur Pin-742 101 Ph. 953482-252545	B, E, H, Ps, Phil, Ec, S	B, E, H, Ps, Phil	Ec, G, M, Stat	Ec, M	All Com Sub	Ay	F.Stud	
2.	Berhampur Girls' College (1946) P.O. Berhampur Pin-742 101 Ph. 953482-251193	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Phy	Ph, Ec, Ch, Phy, Zoo, M			F.Eng Seri, TTM	2(G)
3.	Dukhulal Nibaran Chandra College (1967) P.O. Aurangabad Pin -742 201 Ph. 953485 262477	B, E, H, Ps, Phil	B, Ps, Phil, H	Ec, Ph, Ch, M		All Com Sub	Ay		1(B)

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Dumkal College (1999) P.O. Dumkal Pin-742 303 Ph. 95348-230770/ 230040	B, E, H, Ps	B, E, H	Ph, Ch, M, G, Comp. Sc, Ec	Ph, M, Ch, G, Comp. Sc, Elec	All Com Sub	Ay		
5.	Jangipur College (1950) P.O. Jangipur Pin-742 213 Ph. 953482-264226	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil	Ph, M, Ch, Zoo, Bot, Ec, G	Ph, M, Ch, Bot, Zoo, G	All Com Sub	Ay		1(B)
6.	Jatindra Rajendra Mahavidyalaya (1986) P.O. Amtala Pin-742121 Ph. 953482-247244	B, E, H, Ps, Phil	B, H						
7.	Kandi Raj College (1950) P.O. Kandi Pin -742 137 Ph. 953484-255230	B, E, S, H, Phil, Ps, P.Edn	B, E, H, Phil, Ps S	G, Ph, Ch, M, Comp. Sc, Zoo, Bot, Ec, Phy, Elec	Ph, M, Ch, Ec, Phy, G				1(B)
8.	Krishnanath College (1853) P.O. Berhampore Pin-742 101 Ph. 953482 252069	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, M, Ch, G, Zoo, Ec, Bot, Phy	Ph, M, Ch, G, Zoo, Bot, Phy, Ec, Comp. Sc, Stat			TTMV SRTV PG in S, Seri, Phy	3(B) 1(G)
9.	Lalgola General Degree College (2005) Krishnapur, P.O. Lalgola	B, E, H, Edn, Phil, Ps							
10.	Murshidabad Adarsha Mahavidyalaya (1981) P.O. Chak Islampur Pin-742 304 Ph. 953481-236327	B, E, H, Ps, Phil	B, H, Phil, Ps						

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
11.	Muzaffar Ahmed Mahavidyalaya (1986) P.O. Salar Pin-742 401 Ph. 953484-273305	B, E, H, Ps, Phil, Edn, G	B, H, G, E						
12.	Nagar College (1998) Vill + P.O. Nagar Pin-742 159 Ph. 953484-279076	B, E, H, Ps, Phil	B, Ps, Phil	M, Ec, Ch, Ph					
13.	Panchthupi Haripada Gouribala College (1996) P.O. Panchthupi Pin-742 161	B, E, Ps, H, Phil							
14.	Raja Birendra Chandra College (1965) P.O. Kandi Pin-742 137 Ph. 953484-255379	B, E, Edn, Phil, G, S, Ps, H, Ec, Ph. Edn	B			All Com Sub	Ay		
15.	Rani Dhanya Kumari College (1962) P.O. Jiaganj Pin-742 123 Ph. 953483-255330	B, E, H, Ps, Ph. Edn	B, E, Soc			All Com Sub	Ay	Def. Stud	
16.	Sewnarayan Rameswar Fatepuria College (1965) P.O. Beldanga Pin-742 133 Ph. 953482-264040	B, E, H, Ps, Phil	B, H, Ps, Phil, E	Ec, Ph, Ch, M, G	G	All Com Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
17.	Sripat Singh College (1950) P.O. Jiaganj Dt. Murshidabad Ph. 953482-250351	B, E, S, Ps, Phil, H	B, H, Ps, Phil, S	Ph, Ch, M, Ec, Bot, Zoo, Mi-Bio, Comp Sc., Bio-tech	Ph, M, Ch, Bot, Zoo, M-Bio, Bio- Tech, G				
18.	Syed Nurul Hasan College (1994) P.O. Farakka Barrage Pin-742 212 Ph. 953485-253817	B, E, H, Ec, Edn, Soc, Ps	B, Soc, H	M, G	G				
19.	Subhas Chandra Bose Centenary College (1998) Lalbagh, P.O. Murshidabad Pin-742 149 Ph. 953482 270643	B, E, Ur, H, Ps, Phil, Edn, G, S	B, E, G, Edn						

### PURBA MIDNAPORE (VU)

1.	Bajkul Miloni Mahavidyalaya (1964) P.O. Kismat Bajkul Pin-721 655 Ph. 953220-274291/ 274460	B, E, S, H, Ps, Phil, Ph. Edn, Soc, Music	B, E, H, Ps, Phil, S	Ph, Ch, M, Bot, Zoo, G, Phy, Ec	Ph, G, Ch, M, Bot, Zoo, Ec			Auto- mobile	1(G)
2.	Egra Sarada Sashibhusan College (1968) P.O. Egra Pin-721 429 Ph. 953220-244073	B, E, S, H, Phil, Ps	B, E, H, Ps, S, Phil	Ch, G, Zoo, M, Bot, Ph	M	All Com Sub	Ay	OM & SP	1(B)

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Haldia Govt. College (1988) P.O. Debhog, Haldia Pin-721 657 Ph.953224-255578 / 252044	B, E, Edn, Soc, P. Edn	B, E, Edn, Soc, P. Edn	Ph, Ch, M, Ec, Anthro, Stat, G	Ch, M, Ec, G, Anthro, Stat,				1(B) 1(G)
4.	Khejuri College (1999) P.O. Baratala Pin-721 432 Ph.953220-280235	B, E, Edn, Soc, H, S, Ps, Music, Ph. Edn	B, Soc, E	G	G			AG	
5.	Mahisadal Girls' College (1969) P.O. Mahisadal Pin-721 628 Ph.953228-277520 / 240520	B, E, S, H, Phil, Ps, Edn, Soc, G, Music, Ph. Edn	B, E, H, Ps, Phil, Edn, Soc, G, S, Music	Ch, M, Comp. Sc., Nut, Anthro	Anthro, Nut				1(G)
6.	Mahisadal Raj College (1946) P.O. Mahisadal Pin-721 628 Ph. 953224-240220	B, E, S, H, Ps, Phil, Soc	B, E, S, H, Ps, Phil, Soc	Ph, Ch, M, Ec, Bot, Zoo, Comp.Sc, G	Ph, M, Ch, Ec, Zoo, G	All Com Sub	Ay	Ind. Chem	1(B) 1(G)
7.	Moyna College (1972) P.O. Moyna Pin-721 629 Ph. 953228-260247	B, E, S, H, Ps, Phil	B, E, S, H	Ch, Bot		All Com Sub		AG	
8.	Mugberia Gangadhar Mahavidyalaya (1964) P.O. Bhupatinagar Pin-721 425 Ph. 953220-270236	B, E, S, H, Ps, Phil, P. Edn, Music	B, E, H, Ps, Phil, S	Ph, Ch, M, Ec, Bot, Nut	Ec, M, Ch	All Com Sub	Ay	Tax Prac B.P. Ed	1 (B) 1 (G)

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Panskura Banamali College (1960) P.O. Panskura R. S. Pin-721 152 Ph. 953228-252222	B, E, S, H, Ps, Phil, Ph. Edn, Edn, G, Music, Santali	B, E, H, Ps, Edn, Music, Santali	Ph, Ch, M, Zoo, Bot, Ec, Phy, G, Comp. Sc., Elect, Mi.Bio, Bio. Tech	Ph, M, Ch, G, Zoo, Bot, Phy, Comp. Sc., Elect, Mi.Bio, Bio. Tech, Ec	All Com Sub	Ay	BCA B, Ed. B. P. Ed	2(B)
10.	Prabhat Kumar College (1926) P.O. Contai Pin-721 401 Ph. 953220-255020	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phill	Ph, G, Ch, M, Bot, Zoo, Ec, Comp. Sc., Anthro, Nut	Ph, G, Ch, M, Bot, Zoo, Ec, Comp Sc., Anthro	All Com Sub	Ay	IFF Aqua Culture Mngt	1(B) 1(G)
11.	Ramnagar College (1972) P.O. Depal Pin-721 453 Ph. 953220-264241	B, E, S, H, Ps, Phil, Soc, Music	B, E, H, Ps, Phil, S	Ph, Ch, M, Bot, Zoo,	M, Ph, Ch, Bot, G .	All Com Sub	Ay	IFF	
12.	Sitananda College (1960) P.O. Nandigram Pin-721 631 Ph. 953224- 232295 / 232494	B, E, H, S, Phil, Ps, Edn	B, E, H, Ps, Edn	Ph, Ch, M, Bot, Zoo, Anthro	M, Zoo, Anthro				1(B) 1(G)

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Tamralipta Mahavidyalaya (1948) P.O. Tamluk Pin-721 636 Ph. 953228-266054	B, E, S, H, Ps, Phil, Ph. Edn, Edn	B, E, S, H, Ps	Ph, Ch, M, Zoo, Bot, Ec, Phy, Elect, Comp Sc., G	Ph, M, Ch, Zoo, Bot, Ec, Phy, Elect	All Com Sub	Ay		1 (B) 1 (G)
14.	Vivekananda Mission Mahavidyalaya (1968) P.O. Chaitanyapur, Pin-721645 Ph. 953224-286223	B, E, S, H, Phil, Ps, Ph. Edn	B, E, H, Ps, Phil	Ph, Ch, M, G, Elect, Comp. Sc., Nut	Elect, M, Ph, Comp. Sc.	All Com Sub	Ay		
15.	Yogada Satsangha Palpara Mahavidyalaya (1964) P.O. Palpara Pin-721 458 Ph. 953220-249227	B, E, S, H, Phil, Ps	B, E, H, S, Phil, Ps	Ph, M, Ch, Zoo, Bot, Ec, Comp Sc., G	Ph, M, Comp Sc., Ch, G			BCA	2 (B) 1 (G)

### PASCHIM MIDNAPORE (VU)

1.	Belda College (1963) P.O. Belda Pin-721 424 Ph. 953220-255246	B, E, S, H, Ps, Phil, Ph. Edn, Music, Santali	B, E, H, Ps, Phil	M, Ch, Ph, Ec, G, Bot, Zoo, Comp. Sc, Nut	Ph, G, M, Ch, Comp. Sc.	All Com Sub	Ay	OMSP E. Eng	1(B)
2.	Bhattar College (1963) P.O. Dantan Pin-721 426 Ph. 953229-253238	B, E, H, Ps, Phil, Ec, S, G, Edn	B, E, H, Ps, Phil, Ec, S, G, Music	Ch, Ph		All Com Sub	Ay		



## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Chandrakona Vidyasagar Mahavidyalaya (1985) P.O. Chandrakona Pin-721 201 Ph. 953225-266294	B, E, H, Ps, Phil, Ph, Edn, Env. Sc	B, H, S	Ph, M, Ch, Ec, G, Comp. Sc.	Comp. Sc, G			BCA.	
4.	Debra Thana Sahid Kshudiram Smriti Mahavidyalaya (2006) Chakshyampur-721 124 Ph. 03222 243400	B, E, H, Phil, S, Edn	B, H						
5.	Garhbeta College (1948), P.O. Garbeta Pin-721 127 Ph. 953227-265143	B, E, S, H, Ps, Phil, Ph. Edn	B, E, H, Phil	Ph, Ch, M, Bot, Zoo, Ec, G, Phy, Elect	Ph, Ch, M, Bot, Zoo, G, Phy, Elect				1(B)
6.	Ghatal Rabindra Satabarshiki Mahavidyalaya (1961) P.O. Ghatal Pin-721 212 Ph. 953225-255024	B, E, S, H, Phil, Ps	B, E, S, H, Phil, Ps	Ph, Ch, G, Ec, M, Bot, Zoo, Comp.Sc.	G. M, Ch, Ph, Ec, Bot, Zoo	All Com Sub	Ay		
7.	Hijli College (1995) P.O.Hijli Cooperative Pin-721 306 Ph. 953222-278177	B, E, Soc, H	B, E	Ph, M, Ec, G, Comp Sc., Ch	Comp. Sc., G			Comp. App, OMSP BCA	
8.	Jhargram Raj College (1949) P.O. Jhargram Pin-721 507 Ph. 953221-255022	B, E, H, Ps, Phil, Phy. Edn	B, E, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Phy	Ph, Ch,M, Bot, Zoo, Phy, Ec	All Com Sub	Ay		2(B) 1(G)

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Kaibalyadayine College of Commerce, (1961) P.O. Paschim Midnapore, Pin-721 101 Ph. 953222-275836		Ec			All Com Sub	Ay	MM	
10.	Kharagpur College (1949) P.O. Kharagpur Pin-721 305 Ph. 953222-725920	B, E, S, Hin, H, Ps, Phil, Soc	B, E, Hin, H, Ps, Phil	Ec, Comp. Sc, Phy	Ec,	All Com Sub	Ay		1(B)
11.	Midnapore College (1873) P.O. Midnapore Pin-721 101 Ph. 953222-275847	B, E, S, H, Ps, Phil, Hin, Ph. Edn	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, Phy, G, Comp. Sc	Ph,G, Ch, M, Bot, Zoo, Phy, Ec, Elec, Comp Sc.			BCA PG in Ph	1(B) 1(G)
12.	Narajole Raj College (1966), P.O. Narajole Pin-721 211 Ph. 953225-259616	B, E, S, H, Ps, Phil	B, E, H, Ps	Ph, Ch, M, Zoo, Bot	M, Ch, Bot				1(B)
13.	Pingla Thana Mahavidyalaya (1965) P.O. Maligram Pin-721 140 Ph. 953222-241224	B, E, S, H, Phil, Ps, Ph. Edn	B, E, H, Phil, Ps,	Ph, Ch, M, Ec, Zoo, G, Bot, Comp. Sc., Phy	M, Ph, Bot, G, Phy	All Com Sub	Ay	P&P. In	2(B) 1(G)
14.	Raja Narendralal Khan Women's College (1957) Gope Palace, P.O. Vidyasagar University Pin-721102 Ph. 953222-275426	B, E, S, Hin, H, Phil, Ps, Music	B, E, S, H, Phil, Ps, Music	Ph, M, Ch, Ec, Zoo, G, Bot, Phy, Comp. Sc, Nut, Mi.Bio	M, Ph, Zoo, Bot, Phy, Comp. Sc, Nut, G, Ec, Mi.Bio			BCA, Seri. PG in Zoo	7(G)

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
15.	Sabang Sajanikanta Mahavidyalaya (1970) P.O. Lutunia Pin-721 166 Ph. 953222-248221	B, E, S, H, Phil, Ps, Ph. Edn	B, E, S, H, Phil, Ps	Ph, M, Ch, Ec, Zoo, Bot,	Ph, Ec, Zoo, M, Bot	All Com Sub	Ay	B.Sc IFF	2(B) 1(G)
16.	Santal Bidroha Sardha Satabarshiki Mahavidyalaya (2005) P.O & P.S. Goaltore	Santali, G, Ph. Edn, B, E, H, S, Ps	Santali, G, B, E, H, S, Ps						
17.	Seva Bharati Mahavidyalaya (1964) P.O. Kapgari Pin-721 505 Ph. 953226-263295	B, E, H, Ps, Phil	B, Phil, H, E	Anthro, Ec, Ph, M, Ch, G, Zoo, Bot	Anthro, M, G	All Com Sub	Ay	Se. Tech	3(B) 1(G)
18.	Silda Chandrasekhar College (1971) Vill+P.O.Silda Pin-721 515 Ph. 953221-252311	B, H, E, Ps, Phil	B, H, Ps, Santali	M, Ph, Ch, Ec	M	All Com Sub			2(B) 1(G)
19.	Subarnarekha Mahavidyalaya (1988) P.O. Gopiballavpur Pin-721 506 Ph. 953221-266278	B, E, Ps, H	B, H,	Anthro, M, Elect, G, Ec	G	All Com Sub	Ay		
20.	Sukumar Sengupta Mahavidyalaya (2005) P.O. Keshpur Pin-721 150	B, E, S, H, Edn	B, H	M	Ph, Ch, M				
21.	Vivekananda Satabarshiki Mahavidyalaya (1964) P.O. Manikpara Pin-721 513 Ph. 953222-230244	B, E, S, H, Phil, Ps, Santali, Ph. Edn	B, H, Ps, Phil	Ph, Ch, M, Ec, Zoo, Bot	Ph, M, Ec	All Com Sub			1(B)

APPENDIX

DARJEELING (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bijonbari Degree College (1995) P.O. Bijonbari Pin-734 201 Ph. 95354-260315	E, N, H, Ps, Ec							
2.	Cluny Women's College (1998) P.O. Kalimpong Pin-734 301 Ph. 953552-257924	E, N, H, G, Comm Eng. Soc	E, N					OMSP BCA Comm F. Eng	
3.	Darjeeling Govt. College (1948) Lebong Cart Road Pin-734 101 Ph. 95354-2254078	B, E, H, Ps, Hin Phil,	B, E, H, Ps, Phil	Ph, Ch, M, G, Ec, Zoo, Bot	Ph, M, Ch, G, Zoo, Bot, Ec	All Com Sub	Ay	PG Zoo, Bot, N, Mil.Sc.	1(B) 3(G)
4.	Kalimpong College (1962) RishiBankimCh.Park P.O. Kalimpong Pin-734 401 Ph. 953552-255231/ 255486	E, N, Hin, Tib, Ps, H, Phil,	E, N, H, Ps, Phil	Bot, G, Zoo, Ec, Ec, M	Bot, Zoo	All Com Sub.	Ay	Comm. F. Eng. TTM	
5.	Kalipada Ghosh Tarai Mahavidyalaya (1988) P.O. Bagdogra Pin-734 422 Ph. 95353-2450662	B, E, N, H, Ps, Soc, Ec, G	H, B, E	Ph, Ch, M		All Com Sub.	Ay	Mgt./ Fin.	
6.	Kurseong College (1967) Down Hill Road P.O. Kurseong Pin-743 203 Ph. 95354-2344243	B, E, N, Ur, Hin, H, Ps	E, N, H, Ps	Ph, Ch, M, Ec, Zoo, G, Bot	Ch	All Com Sub	Ay	Comm Eng	

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Loreto College (1961) P.O. Darjeeling Pin-734 101 Ph. 95354-2254238	B, E, N, G, Hin, Ps, H, Edn, Ec,	E, N, H, Ps, Edn, G					Comp. App.	1(G)
8.	Mirik College (2000) Krishnnagar P.O. Mirik Pin-734 214	E, N, H, Ps, G	E, N						
9.	Salesian College (1933) P.O. Sonada Pin-734 219 Ph. 0354-2266328 / 2466243 (Self financing)	E, H, Ec, Phil, Edn, E. Eng.	E, H, Phil, Ec, Edn			All Com Sub	Ay	BCA BBA B.Ed B.P. Ed Comp. App.	1
10.	Siliguri College (1950) College Para P.O. Siliguri Pin-734 401 Ph. 95353-2436590 2533191/2436590	B, E, S, N, Hin, H, Ps, Phil, Soc, Jour, P. Edn.	B, E, N, Hin, H, Ps, Phil Soc, Jour	Ch, Ec, M, Ph., Zoo, G, Bot, Mi. Bio, Phy, Stat	Ec, G, Ch, M, Ph, Zoo, Bot, Mi. Bio			TTM, Comp Sc., Comp. App Comp. Eng	1 (B) 1 (G)
11.	Siliguri College of Commerce (1962) P.O. Siliguri Pin-734 401 Ph. 0353-2432594/ 2436817	B, E, H, N				All Com Sub	Ay		
12.	Siliguri Mahila Mahavidyalaya (1981) 1 No.Dabgram Colony P.O. Rabindra Sarani Pin-734 406 Ph. 95353-2596442	B, E, H, Ps, Edn, Ec, Phil	B, E, H, Ps						

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Sonada College (1985) P.O. Sonada Pin-734 219 Ph. 95354- 2466316	E, N, H, Ps, Phil	N, Ps, H, E					Comp. App	
14.	St. Joseph's College (1927) P.O. North Point Pin-734 104 Ph. 95354-2270555 / 2270472	B, E, Hin N, H, Ps, Soc	E, N, Ps, H, Soc	Ph, Ch, M, Ec, Bot,Zoo, Comp. Sc., Mi.Bio,	Ph, Ch, Ec, M, Zoo, Bot, Comp. Sc. Mi.Bio	All Com Sub	Ay	BBA Comm./F Eng, Mass Comm. Jour, TTM BCA	1 (B) 1 (G)
15.	Surya Sen Mahavidyalaya (1998) Surya Sen Colony Block-B, P.O.Siliguri Pin-734 404 Ph. 95353-2691488	B, E, Ps, Soc, H	E, Ps, Soc	Ph, Ch, M, Ec, Comp. Sc	Ec	All Com Sub	Ay		
16.	Ghoom Jorebungalon Degree College (2005) (Self financing)	N, E, H, Ps, Soc, Edn, Ec,	E, H, Ps, Soc, Edn						
17.	Gayan Jyoti Collge (2005)(Self financing)	E, Ps, Soc, Ec	E, Jour & Mass Comm				Ay	BBA BCA	

**JALPAIGURI (NBU)**

1.	Alipurduar College (1957) P.O. Alipurduar Court Pin-736 122 Ph. 953564-255045	B, E, S, H, Ps, Phil	B, E, H, Ps, Phil, S	Ph, Ch, M, Zoo, Bot, Ec, G, Comp.Sc.	Ph, Ec, Ch, M, G, Zoo	All Com Sub	Ay	Comp App.	1(B) 1(G)
2.	Ananda Chandra College (1942) P.O. Jalpaiguri Pin-735 101 Ph. 953561-255554/ 257324	B, E, S., H, Ps, Phil, Phy. Edn	B, E, S, H, Ps	Ph, Ch, M, Ec, Bot, G, Zoo, Comp Sc., Phy	Ph, M, Ch, G, Zoo, Bot, Ec, Comp. Sc., Mi.Bio			B.P.Ed M.A. in Beng.	1(B)

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Ananda Ch. College of Commerce (1962) D.B.C.Road, Jalpaiguri Pin-735 101 Ph. 953561-230734	B, E, M, Ec				All Com Sub	Ay	PG in B, Mgt, BBA (Self Fin)	
4.	Birpara College (1986) P.O. Birpara Pin-735 204 Ph. 953563-266217	B, E, Soc, Ec, G, H	G, B	Ph, Ch, M		All Com Sub	Ay		
5.	Falakata College (1981) P.O. Falakata Pin-735 211 Ph. 953563-260307	B, E, H, Ps, Phil, Edn, Ec	B, E, H, Ps, Phil	Ph, Ch, M					
6.	Moynaguri College (1999) P.O. Moynaguri Pin-735 224 Ph. 953561-234298	B, E, H, Ps, G, Ec	B, H, E			All Com Sub			
7.	Nani Bhattacharyya Smarak Mahavidyalaya Jaigaon, Pin-735 204 Ph. 953566-2632272	B, E, Hin, H, Phil, Ps							
8.	North Bengal St. Xavier's College (2006) Mannaganj, Raiganj Dt. Jalpaiguri (Self financing)	E, Ps, H, Soc	E, Ps, H, Soc, Edn			All Com Sub	Ay		

## APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Parimal Mitra Smriti Mahavidyalaya (1985) P.O. Mai Pin-735 211 Ph. 953562-255212 255171	B, E, H, Ps, Phil, N, Ec	B, H, E			All Com Sub	Ay		
10.	Prasannadev Women's College (1950) Club Road P.O. Jalpaiguri Pin-735 101 Ph. 953561-222146	B, E, S, Phil, Ps, H	B, E, S, H, Ps, Phil	Ph, M, Ch, G, Ec, Zoo, Bot	Ph, G, Ch, Ec, Zoo,				2(G)
11.	Saheed Khudiram College (1996) P.O. Kamakshyaguri Pin-736 202 Ph. 953564-260419	B, E, H, G, Ps, Env. Stud	B, Ps						
12.	Sukanta Mahavidyalaya, (1981) Sukanta Nagar P.O.Dhupguri Pin-735 210 Ph. 953563-50067 / 953563-250067	B, E, H, Ps, Phil, Edn, Ph. Edn	B, E, H, Ps, Phil	M, Ph, Ec, Comp. Sc	Ec			BCA BBA	
13.	Vivekananda College (1985) P.O. Alipurduar Pin-736 121 Ph. 953564-255362	B, E, H, Ps, Phil, Edn	B, E, H, Ps	Ph, Ch, M					



**APPENDIX**

**COOCHBEHAR (NBU)**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	A.B.N.Seal College (1888) P.O. Coochbehar Pin-736 101 Ph. 953582-222324/ 222314	B, E, S, Hin, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ph, Ec, Ch, M, Zoo, Bot				1(B)
2.	Cooch Behar College (1970) Kalignat Road P.O. Cooch Behar Pin-736 101 Ph. 953582-256798	B, E, H, Phil, Ps, Ec, G, Ph.Edn	B, E, H, Phil, Ec, G	M, Ph, Ch		All Com Sub	Ay	Comm. Eng, Ad Sale OMSP, BBA	
3.	Dinhata College (1956) P.O. Dinhata Pin-736 135 Ph. 953581-255094	B, E, H, Ps, Phil	B, E, H, Ps, Phil	Ph, M, Ch, Zoo, Bot, Ec	Ph, M, Ch, Ec	All Com Sub	Ay		1(B)
4.	Mathabhanga College (1969) P.O. Mathabhanga Pin-736 146 Ph. 953583-255282	B, E, S, H, Ps, Phil	B, E, H, Ps, S, Phil	Ec, Ph, Ch, M	Ec, Ph	All Com Sub	Ay		1(B)
5.	Mckliganj College (1996) P.O. Mckliganj Pin-735 304 Ph. 953584-255129	B, E, H, Ps, Edn	H, Ps	Ch, Zoo, Bot					

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Netaji Subhas Mahavidyalaya (1985) P.O. Haldibari Pin-735 122 Ph. 953584-263266	B, E, H, Ps, Phil Ec	B, E, H, Phil	Ph, Ch, M		All Com Sub			
7.	Sitalkuchi College (1999) P.O. Sitalkuchi Pin-736 158 Ph. 953583-263351	B, E, H, Phil, Ps, G	B, H						
8.	Thakur Panchanan Mahila Mahavidyalaya (1981) Magazine Road P.O. Cooch Behar Pin-736 101 Ph. 953582-222695	B, E, Ps, H, Phil, Ec	B, E, H					W. Stud	
9.	Tufanganj Mahavidyalaya (1971) P.O.Tufanganj New Town Pin-736 160 Ph. 953582-244263	B, E, S, H, Ps, Phil, Soc, Env. Stud	B, Ps, H, Soc	Ch, Bot, Zoo, Ec	Bot, Zoo	All Com Sub			
10.	University B.T.& Evening College (1968) P.O. Cooch Behar Pin-736 101 Ph. 953582-222714	B, E, H, Ps, Phil, Ec, Envt. Stud	B, E, H, Ps, Phil, Ec			All Com Sub	Ay	B. Ed Comm. Eng	
11.	Bakshirhat Mahavidyalaya (2005) Bakshirhat, Pin-736131	Data not received							

**APPENDIX**

**MALDA (GBU)**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Chanchal College (1969) P.O. Chanchal Pin-732 123 Ph. 953513-253261	B, E, S, Ar, H, Phil, Ps	B, E, Ps, Phil, H	Ph, M, Ch, Ec	Ec	All Com Sub	Ay		1(B)
2.	Gazole Mahavidyalaya (2005) Gazole, Pin-732124	B, E, H, G, Soc, Ps, Edn, Phil							
2.	Gour Mahavidyalaya (1985) P.O. Mangalbari Pin-732 142 Ph. 953512-260547	B, E, H, Edn, Soc	B, E, H, Edn, Soc	Ph, M, Ch, Bot, Zoo, Comp. Sc., G	Comp. Sc.			Comm, Eng	1(B)
4.	Kaliachak College (1995) P.O. Sultanganj Pin-732 201 Ph. 953512-244696	B, E, H, Ps, Edn	B, Ps, Edn, H	Ch, Bot, Zoo, G, Ec, Ph, M					
5.	Malda College (1944) P.O. Malda Pin-732 101 Ph. 953512-220807/ 220808	B, E, S, Ar, Hin, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, G, Ec	Ph, M, Ch, G, Zoo, Bot, Ec, Comp.Sc.	All Com Sub	Ay	BCA PG ib E, H	2(B)
6.	Malda Women's College (1970) P.O. Malda Pin-732 101 Ph. 953512-252597	B, E, S, H, Ps, Ec, G, Soc, Edn	B, E, H, Ps, Soc, G	Ph, Ch					1(G)
7.	Pakuahat Degree College (1997) P.O. Pakuahat Pin-732138 Ph. 9503511-266410	B, E, H, Ps, Soc, G	B, H, Soc, E, Ps			All Com Sub		OMSP	1(B)

**APPENDIX**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
8.	Samsi College (1968) P.O. Samsi Pin-732 139 Ph. 953513-265252	B, E, Ar, S, H, Ps, Ec, Phil, Soc	B, E, Ar, S, H, Ps, Phil, Soc	Ph, Ch, M		All Com Sub		OMSP	1(B)
9.	South Malda College (1995) Kaliachak Pin-732 201 Ph. 953512-224292	B, E, Ar, Hin, Soc, Ps, Ec	B, Soc			All Com Sub	Ay		

**DAKSHIN DINAJPUR (GBU)**

1.	Balurghat College (1948) P.O. Balurghat Pin-733 101 Ph. 953522-255391/ 255392	B, E, S, Ps, Phil, H, Env.Stud	B, E, S, H, Ps	Ph, M, Ch, Zoo Bot, Ec, G, Comp. Sc	Ph, M, Ch, G, Zoo, Bot, Ec, Comp.Sc	All Com Sub	Ay	PG B,E, M.A. M.Com Comp. App. Comm./F Eng, EEM	1(B)
2.	Balurghat Mahila Mahavidyalaya (1970) P.O. Balurghat Pin-733 101 Ph. 953522-255393	B, E, S, H, Ps, Phil, Ec, Env.Stud	E, H, Ps, Phil	All Com Sub	Ph, Ch, M				1(G)
3.	Dewan Abdul Gani College (1994) P.O. Harirampur Pin-733 125 Ph. 953524-265243	B, E, H, Ps, Phil, G	B, H, Phil, Ps						
4.	Gangarampur College (1981) P.O. Gangarampur Pin-733 124 Ph. 953521-255075	B, E, H, Ps, Phil, Env.Stud	B, E, H, Ps, Phil	Ph, Ch, M, Ec, G, Bot, Zoo	Ec, M, G	All Com Sub	Ay		

**APPENDIX**

**UTTAR DINAJPUR (GBU)**

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Dr. Meghnad Saha College (2000) P.O. Itahar, Ranipur Pin-733 128 Ph. 953523-277707	B, E, H, Ps, Soc	B, Soc, H, E	M, G	G, M				
2.	Islampur College (1973) P.O. Islampur Pin-733 202 Ph.953526-255088	B, E, H, Ps, Phil, Ur	B, E, H, Ps, Soc, Ur	Ph, Ch, Ec, M	M	All Com Sub	Ay		1(B)
3.	Kaliyaganj College (1968) P.O. Kaliyaganj Pin-733 129 Ph. 953523-258030/ 258100/259659	B, E, S, Hin, H, Ps, Phil	B, E, H, Phil, Ps	Ph, Ch, M, Ec	Ec, M	All Com Sub	Ay		1(B)
4.	Raiganj Surendranath Mahavidyalaya (1986) P.O. Raiganj Pin-733 134 Ph. 953523-251231/ 253055	B, E, H, Ps, Edn, Soc	B, E, Edn, Soc, Ps	Ph, M, Ch, Zoo, Bot, Ec	Ec				
5.	Raiganj University College (1948) Raiganj Pin-733 134 Ph. 953523-256282/ 252714	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Bot, Zoo, Ec, G, Comp. Sc.	Ph, Ch, M, Ec, Bot, Zoo, G, Mi-Bio	All Com Sub	Ay	Ser. BCA, BBA, Mi.Bio PG,B	1(B) 1(G)
6.	Shree Agrasen Mahavidyalaya (1995) P.O. Dalkhola Pin-733 201 Ph.953525-255141	B, E, Ur, Hin, Ps, Soc, H	B, H			All Com Sub	Ay		

**APPENDIX – I (C)**  
**GROWTH OF POPULATION (INDIA)**  
**SELECTED EDUCATION STATISTICS (MHRD)**

TABLE I

(000'S)

YEAR	TOTAL	MALE	FEMALE	DECADAL GROWTH RATE	LITERACY RATES		
					TOTAL	MALE	FEMALE
1951	361,088	185,528	175,560	+13.31...	18.33	27.16	8.86
1961	439,235	226,293	212,942	+21.64...	28.31	40.40	15.34
1971	548,160	284,049	264,111	+24.80...	34.45	45.95	21.97
1981	683,329	353,374	329,955	+24.66...	43.67	56.50	29.85
1991	846,303	439,231	407,072	+23.50...	52.21	64.13	39.29 (excluding J & K.)
2001	1027,015	531,277	495,738	+21.34	65.38	75.85	54.16
West Bengal	80,221	41,487	38,733	+17.84	69.22	77.58	60.22

**APPENDIX – II****DECADAL GROWTH OF COLLEGES SINCE 1811 (Excluding Technology Colleges)**

Decadal Year	Number of Colleges	Decadal Year	Number of Colleges
1811 – 1821	2	1901 – 1911	1
1821 – 1831	2	1911 – 1921	2
1831 – 1841	1	1921 – 1931	4
1841 – 1851	2	1931 – 1941	7
1851 – 1861	5	1941 – 1951	54
1861 – 1871	0	1951 – 1961	34
1871 – 1881	2	1961 – 1971	97
1881 – 1891	5	1971 – 1981	25
1891 – 1901	3	1981 – 1991	58
		1991 – 2001	43

## APPENDIX

### APPENDIX – III

#### U.G.C. LIST OF FAKE UNIVERSITIES

1. Maithili University / Vishwavidyalay, Darbhanga, Bihar.
2. Mahila Gram Vidyapith / Vishwavidyalaya, (Women' s University) Prayag, Allahabad (UP).
3. Varnaseya Sanskrit Vishwavidyalaya, Varanasi (U.P). / Jagat Puri, Delhi.
4. Commercial University Ltd., Darya Ganj, Delhi.
5. Indian Education Council of U. P., Lucknow (U.P).
6. Gandhi Hindi Vidyapith, Prayag, Allahabad (U.P).
7. National University of Electro Complex Homeopathy, Kanpur.
8. Netaji Subhash Chandra Bose University (Open University ) Achaltal, Aligarh (U.P).
9. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.
10. Bharatiya Siksha Parishad (U.P) Open Vishwavidyalaya, Lucknow (U.P).
11. St. John's University, Kishanattam, Kerala.
12. United Nations University, Delhi.
13. Vocational University, Delhi.
14. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura (U.P).
15. Maharana Pratap Shiksha Niketan Vishwavidyalay, Pratapgarh (U.P)
16. Raja Arabic University, Nagpur.
17. Kesarwani Vidyapith, Gorakhpur, Jabalpur, (M.P).
18. Delhi Vishwa Vidyapeeth, 233, Tagore Park, Model Town, Delhi-110009.
19. Badaganvi Sarkar World Open University Education Society, Gokak, Belgaum (Karnataka).

## APPENDIX – IV

## U.G.C. LIST OF VOCATIONAL SUBJECTS

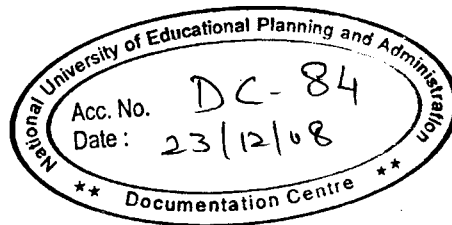
With effect from the academic session of 1994-95, the University Grants Commission has been providing financial assistance to colleges and University departments for introduction of vocational subjects as part of the under-graduate courses in Arts, Science and Commerce. A list of vocational subjects for the introduction of which U.G.C. will provide assistance is given below.

DISCIPLINE AREA	VOCATIONAL SUBJECTS
(i) Arts, Humanities and Social Sciences	<ol style="list-style-type: none"> <li>1. Functional Hindi</li> <li>2. Functional Sanskrit</li> <li>3. Functional English</li> <li>4. Archaeology &amp; Museology</li> <li>5. Science and Art of Teaching</li> <li>6. Early Childhood care and Education</li> </ol>
(ii) Commerce, Economics and Management	<ol style="list-style-type: none"> <li>1. Principles and Practices of Insurance</li> <li>2. Office Management and Secretarial Practices</li> <li>3. Tax Procedures and Practices</li> <li>4. Foreign Trade Procedures and Practices</li> <li>5. Tourism and Travel Management</li> <li>6. Advertisement, Sales Promotion and Sales Management</li> <li>7. Computer Applications</li> </ol>
(iii) Science	<ol style="list-style-type: none"> <li>1. Industrial Chemistry</li> <li>2. Food Science and Quality Control</li> <li>3. Clinical Nutrition and Dietetics</li> <li>4. Industrial Microbiology</li> <li>5. Bio-Technology</li> <li>6. Biological Techniques and Specimen Preparation</li> <li>7. Seed Technology</li> <li>8. Sericulture</li> <li>9. Industrial Fish and Fishery</li> <li>10. Instrumentation</li> <li>11. Geo-Exploration &amp; Drilling Technology</li> <li>12. Mass Communication &amp; Video Production</li> <li>13. Still Photography &amp; Audio Production</li> </ol>



## APPENDIX

DISCIPLINE AREA	VOCATIONAL SUBJECTS
(iv) Engineering & Technology	<ol style="list-style-type: none"><li>1. Electronic Equipment Maintenance</li><li>2. Computer Maintenance</li><li>3. Electrical Equipment Maintenance</li><li>4. Environment &amp; Water Management.</li></ol>
(v) Subjects relevant to Rural, Hilly, Tribal areas	<ol style="list-style-type: none"><li>1. Agro-Service</li><li>2. Domestic Animal Farming</li><li>3. Forestry and Wildlife Management</li><li>4. Soil Conservation &amp; Water Management</li><li>5. Rural Handicrafts</li><li>6. Hill Agriculture</li><li>7. Non-Conventional Energy Sources</li><li>8. Dryland Agriculture</li><li>9. Silvipasture</li></ol>



# JALPAIGURI GOVERNMENT ENGINEERING COLLEGE

