

ANNUAL REPORT 2009-10



Department of Higher Education  
Government of West Bengal

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

**2009-2010**



सत्यमेव जयते

**DEPARTMENT OF HIGHER EDUCATION  
GOVERNMENT OF WEST BENGAL  
2010**

**ANNUAL REPORT OF THE DEPARTMENT OF HIGHER EDUCATION, 2009-2010**

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## FOREWORD

The present volume of Annual Report for 2009-10 of the Department of Higher Education gives an account of the activities carried out in the Deptt. along with those undertaken in different wings of the Deptt. and various autonomous organizations associated with it. The Report also presents, in brief, the facilities of the higher education available in the State.

The Govt., despite its various limitations, has been taking conscious measures to uplift the status of higher education in the State, both in terms of quality and access. While making sincere efforts towards increasing Gross Enrolment Ratio in higher education across the State, we have focused the backward areas of the State. We are also in the process of updating the education map of the State to priorities the need of various regions for setting up new colleges, creating new faculty positions or providing development grants.

During the year 2009-10, 12 colleges of the State have been declared as “Centres with potential for excellence” by UGC. It is indeed a significant achievement for the State to have 16 such centres as on date in State Universities. Number of NAAC accredited colleges in the State has also gone up during the year. So far, 249 colleges in the State have been accredited by NAAC. West Bengal has been recognized to be the first State to accept the UGC recommendation of the revision of pay scales of the university and college teachers.

A Bill upgrading Presidency College to the status of a university has been passed in the WBLA with a view to enable this premier institution of education of our country to function more efficiently as a teaching, training and research centres in various branches of knowledge. Another Bill has been passed in the Assembly for setting up a university named Sidho-Kanho-Birsa University in the Dist. of Bankura and Purulia.

Fulfilling the commitment of the Govt. towards assisting the poor but meritorious students pursuing higher study at various post matric levels, 22,390 no. of scholarships involving an amount of more than 21 crore has been awarded since the inception of the scheme in 2006-07. Full and half free studentship are also available to the poor and meritorious students in Govt. as well as self financing institutions.

The State Govt. views with concern that Govt. of India has been issuing innumerable directions and guidelines on maintenance of quality of education and also proposing to bring about several new legislations without any in depth review of the existing system and assessment of the impact of the proposed legislations in consultation with various stake-holders, including the State Govts. Since education belongs to the concurrent list in the constitution, it is imperative for the Union Govt. to share the concern of the State.

The State Govt. supports several autonomous voluntary organizations and research institutes through release of grants. Activities of several such organizations including Institute of Development Studies, Kolkata, Netaji Institute of Asian Studies, Bankim Bhaban Gabeshana Kendra, R. K. Mission Institute of Culture have been mentioned in the Report.

I believe this report would help in understanding the higher education scenario of our State, its merits and shortcoming.

Dated : 15th June, 2010  
Bikash Bhawan,  
Salt Lake, Kolkata - 700 091

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

## PREFACE

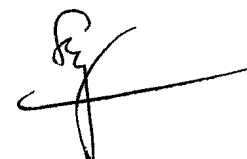
Over the period of last one year (2009-10), considerable progress has been made in the area of expansion of the access to Higher Education including Technical Education. Number of colleges have gone up to 791. In the field of technical education, 11 new Engineering and Technology colleges have been established, making total no. of such colleges in the State to 83 with an intake capacity for 23,854.

Like previous years, maintenance of quality and high standard of education continued to be the thrust area in the State's education policy. State Council of Higher Education played a significant role in this regard resulting in increase in the number of NAAC accredited colleges.

The universities, colleges, three Directorates of the Deptt. and various other organizations have provided information for publication of this volume. I am thankful to all of them. My colleagues in the Deptt. (specially Shri Hrishikesh Gayen, Joint Secretary) have put in lot of efforts in collecting the information and preparing the report in time. I appreciate their effort and thank them. Some errors might have crept in while compiling the volume, I would like to apologize for the same.

It would be of immense help towards improvement of the publication if suggestions are received from the readers.

Dated : the 15th June, 2010  
Bikash Bhawan,  
Salt Lake, Kolkata - 700 091.



( S. C. Tewary )  
Principal Secretary to the  
Government of West Bengal

## **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>9</b>
2.1 Introduction	11
2.2 Administrative set up	11
2.3 Functionaries in the Department of Higher Education	14
2.4 Universities and other important Organisations/Institutions attached to the Deptt. of Higher Education	22
<b>CHAPTER – 3 : MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR</b>	<b>31</b>
3.1 Introduction	33
3.2 Policies	33
3.3 Budget of the Higher Education Department	34
3.4 Post Graduate courses in General Degree Colleges	38
3.5 Technical education	44
3.6 University education	46
3.7 Non-Government colleges	47
3.8 Government colleges	51
3.9 Measures for quality improvement of Higher Education	51
3.10 Scholarship and Stipend	52
3.11 Full and half free studentship for the engineering & technology students	58
<b>CHAPTER – 4 : ENGINEERING &amp; TECHNOLOGY AND MANAGEMENT EDUCATION</b>	<b>59</b>
4.1 Introduction	61
4.2 Expansion in Degree Level Engineering & Technology Education	61
4.3 Expansion in Management Education	92
4.4 Expansion in Master of Computer Application (MCA) Education	98

4.5	Status of NBA Accreditation of Different Engineering & Technology Colleges	102
4.6	State Government Fund Sanctioned and Released	112
4.7	Lateral Entry Scheme	114
4.8	Financial Assistance to Poor & Meritorious Students Studying in Engineering & Technology Colleges	114
4.9	Significant Policies Adopted for Effective Governnace of Private Self-Financing Institutions	115
4.10	Significant Policies Adopted for Introduction of Good Governance in Governemnt Engineering & Technology Colleges	116
4.11	Prohibition of Ragging and RTI Act, 2005	117
4.12	Major Activities and Achievements	118
4.13	Introduction of new courses in Private Engineering & Technology Colleges	120
4.14	Performance in different competitive Examination like GATE,CAT	120
4.15	Technical Education Quality Improvement Programme (TEQIP)	120

## **CHAPTER – 5 : UNIVERSITIES** **121**

5.1	General Information	123
5.2	Calcutta University	129
5.3	Jadavpur University	138
5.4	Rabindra Bharati University	158
5.5	Burdwan University	163
5.6	Kalyani University	172
5.7	North Bengal University	178
5.8	Vidyasagar University	187
5.9	West Bengal State University (Barasat)	193
5.10	Gour Banga University	196
5.11	Netaji Subhas Open University	199
5.12	West Bengal University of Technology	209
5.13	Bengal Engineering and Science University	213
5.14	U. G. C. Recommendation for the 11th 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	231
6.3 Institutes of Importance	236
<b>CHAPTER – 7 : COLLEGES</b>	<b>251</b>
7.1 General Information on Govt. and Non-Govt. Colleges	253
7.2 Games and Sports in Colleges	260
7.3 Hostel Facilities in Colleges	260
7.4 Some Salient Features of Colleges	264
<b>CHAPTER – 8 : PROFESSIONAL COURSES</b>	<b>271</b>
8.1 Teachers' Training	274
8.2 Physical Education	284
8.3 Law Education	291
8.4 Computer Education	295
8.5 Art Education	296
8.6 Music	297
8.7 Language Courses	299
<b>CHAPTER – 9 : ACTIVITIES OF THE WINGS OF THE GOVERNMENT, ACADEMIES AND ORGANISATIONS</b>	<b>301</b>
9.1 Institut de Chandernagor	303
9.2 Institute of English	306
9.3 Joint Entrance Examination Board	308
9.4 Netaji Institute for Asian Studies	310
9.5 National Service Scheme (NSS)	313
9.6 West Bengal District Gazetteers	317
9.7 West Bengal State Archives	318
9.8 West Bengal State Book Board	321
9.9 West Bengal State Council of Higher Education	323

9.10 West Bengal College Service Commission (WBCSC)	324
9.11 Day Students' Homes	326
<b>CHAPTER – 10 : RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS ASSISTED BY THE STATE GOVT.</b>	<b>329</b>
10.1 Bankim Bhaban Gabesana Kendra	331
10.2 Centre for Studies in Social Sciences, Calcutta	334
10.3 Jagadis Bose National Science Talent Search	337
10.4 Institute of Historical Studies	344
10.5 Paschim Banga Itihas Samsad	346
10.6 Ramkrishna Mission Institute of Culture	349
10.7 Socio-Economic Research Institute	354
10.8 Sri Sri Sitaramdas Omkarnath Sanskrit Siksha Samsad	355
10.9 Calcutta Mathematical Society	357
10.10 Institute of Science, Education & Culture (ISEC)	359
10.11 Institute of Development Studies, Kolkata	361
10.12 Bangiya Sahitya Parishad	368
<b>APPENDICES :</b>	<b>369</b>
APPENDIX — I : Colleges and Subjects	371
APPENDIX — II : Decadal Growth of Colleges Since 1811	390
APPENDIX — III : U. G. C. List of Vocational Subjects	390

## **APPENDICES**

***APPENDIX - I : Colleges and Subjects***

***APPENDIX – II : Decadal Growth of  
Colleges Since 1811  
(Excluding Technology  
Colleges)***

***APPENDIX - III : U. G. C. List of Vocational  
Subjects***

**APPENDIX**

**APPENDIX**

**APPENDIX – I**  
**LIST OF GENERAL DEGREE COLLEGES**

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
1	Barasat Govt. College	24pgs- North	Govt	WBSU Barasat	1950	AS
2	Bidhan Nagar College	24pgs- North	Govt	WBSU Barasat	1984	”
3	Taki Govt. College	24pgs- North	Govt	WBSU Barasat	1950	”
4	Acharya Prafulla Chandra College	24pgs- North	PPS	WBSU Barasat	1960	”
5	Acharya Prafulla Chandra College of Commerce	24pgs- North	PPS	WBSU Barasat	1966	”
6	Amdanga Jugal Kishore M.V., Sadhanpur, Uludanga	24pgs- North	PPS	WBSU Barasat	2007	A
7	Bamanpukur Humayun Kabir Mahavidyalaya	24pgs- North	PPS	WBSU Barasat	2007	A
8	Banipur Mahila MV	24pgs- North	PPS	WBSU Barasat	1999	A
9	Barasat College	24pgs- North	PPS	WBSU Barasat	1972	ASC
10	Barrackpore R.S. College	24pgs- North	PPS	WBSU Barasat	1953	”
11	Basirhat College	24pgs- North	PPS	WBSU Barasat	1947	ASC
12	Bhairab Ganguly College	24pgs- North	PPS	WBSU Barasat	1968	”
13	Brahmananda Kesab Chandra College	24pgs- North	PPS	WBSU Barasat	1956	AS
14	Chandraketugarh Sahidullah Smriti Mahavidyalaya	24pgs- North	PPS	WBSU Barasat	1997	AC
15	Derozio Memorial College	24pgs- North	PPS	WBSU Barasat	1996	ASC
16	Dinabandhu Mahavidyalaya (Bongaon)	24pgs- North	PPS	WBSU Barasat	1947	”

PPS – Pay Packet Scheme

WBSU – West Bengal State University, Barasat

Streams : A – Arts; S – Science AS – Arts / Science; AC – Arts / Commerce

Asc – Arts / Science / Commerce

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
17	Dr.B.R.Ambedkar Satabarshiki M.V, Helencha, B'agdah	24pgs- North	PPS	WBSU Barasat	2005	A
18	Dum Dum Motijheel College	24pgs- North	PPS	WBSU Barasat	1950	AS
19	Dum Dum Motijheel Rabindra Mahavidyalaya	24pgs- North	PPS	WBSU Barasat	1968	ASC
20	East Calcutta Girls' College	24pgs- North	PPS	WBSU Barasat	1992	ASC
21	Gobardanga Hindu College	24pgs- North	PPS	WBSU Barasat	1947	AS
22	Hingalganj Mahavidyalaya	24pgs- North	PPS	WBSU Barasat	2005	A
23	Hiralal Mazumdar Memorial College for Women	24pgs- North	PPS	WBSU Barasat	1959	ASC
24	Kalinagar MV	24pgs- North	PPS	WBSU Barasat	1985	A
25	Kanchrapara College	24pgs- North	PPS	WBSU Barasat	1972	ASC
26	Mahadevananda MV	24pgs- North	PPS	WBSU Barasat	1968	"
27	Mrinalini Datta Mahavidyapith	24pgs- North	PPS	WBSU Barasat	1964	"
28	Nahata Jogendranath Mondal Smriti Mahavidyalaya	24pgs- North	PPS	WBSU Barasat	1985	AC
29	Netaji Satabarshiki Mahabidyalaya	24pgs- North	PPS	WBSU Barasat	2000	A
30	P. N. Das College, Palta	24pgs- North	PPS	WBSU Barasat	1962	ASC
31	Panihati MV	24pgs- North	PPS	WBSU Barasat	1964	"
32	Prasanta Chandra Mahalanobis Mahavidyalaya	24pgs- North	PPS	WBSU Barasat	1965	"
33	R.K.Sarada Mission Vivekananda Vidyabhavan, Nayapatti	24pgs- North	PPS	WBSU Barasat	1961	AS

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
34	Ramakrishan Mission Vivekananda Centenary College	24pgs- North	PPS	WBSU Barasat	1963	AS
35	Rishi Bankim Chandra College	24pgs- North	PPS	WBSU Barasat	1974	ASC
36	Rishi Bankim Chandra College for Women	24pgs- North	PPS	WBSU Barasat	1984	ASC
37	Rishi Bankim Chandra Evening College	24pgs- North	PPS	WBSU Barasat	1984	ASC
38	Sarojini Naidu College for Women	24pgs- North	PPS	WBSU Barasat	1956	AS
39	Shaheed Narul Islam MV	24pgs- North	PPS	WBSU Barasat	2001	A
40	Sree Chaitanya College of Commerce	24pgs- North	PPS	WBSU Barasat	1965	ASC
41	Sree Chaitanya College, Habra	24pgs- North	PPS	WBSU Barasat	1956	AS
42	Vivekananda College, Madhyamgram	24pgs- North	PPS	WBSU Barasat	1987	A
43	Institute of Genetic Engineering, Badu	24pgs- North	PVT	WBSU Barasat	2002	A
44	Institute of Science and Advanced Research	24pgs- North	PVT	WBSU Barasat	2007	A
45	Kingston College of Science	24pgs- North	PVT	WBSU Barasat	2004	S
46	Morning Star College	24pgs- North	PVT	WBSU Barasat	1971	A
47	Sarada Ma Girls' College, Baluria, Nabapally, Barasat	24pgs- North	PVT	WBSU Barasat	2005	AS
48	Bankim Sardar College	24pgs- South	PPS	CU	1955	ASC
49	Baruipur College	24pgs- South	PPS	CU	1981	ASC
50	Behala College	24pgs- South	PPS	CU	1963	AS
51	Behala College of Commerce	24pgs- South	PPS	CU		AC

CU – Calcutta University

PVT – Private

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
52	Bhangar MV	24pgs- South	PPS	CU	1947	ASC
53	Bijoygarh Jyotish Ray College	24pgs- South	PPS	CU	1950	ASC
54	Budge Budge College	24pgs- South	PPS	CU	1971	ASC
55	Dhola Mahavidyalaya, Dholahat	24pgs- South	PPS	CU	2007	A
56	Dhruba Chand Halder College	24pgs- South	PPS	CU	1965	ASC
57	Dinabandhu Andrews College, Garia	24pgs- South	PPS	CU	1956	ASC
58	Fakir Chand College	24pgs- South	PPS	CU	1948	ASC
59	Gour Mohan Sachin Mondal Mahavidyalaya	24pgs- South	PPS	CU	1969	ASC
60	Jibantala M.V.	24pgs- South	PPS	CU	2007	A
61	K.K.Das College	24pgs- South	PPS	CU	1964	ASC
62	Kishore Bharati Bhagini Nivedita (Co.Ed.) College	24pgs- South	PPS	CU	2001	ASC
63	Kulpi College	24pgs- South	PPS	CU	2008	A
64	Kultali Dr.B.R.Ambedkar College, Kultali (2005)	24pgs- South	PPS	CU	2005	AS
65	Magrahat College	24pgs- South	PPS	CU	1996	A
66	Maheshtala College	24pgs- South	PPS	CU	1971	AS
67	Panchur College, Santoshpur	24pgs- South	PPS	CU	2008	A
68	Patharpratima MV	24pgs- South	PPS	CU	2001	ASC
69	Raidighi College	24pgs- South	PPS	CU	1995	AS
70	Ramakrishna Mission Residential College	24pgs- South	PPS	CU	1960	AS
71	Sadhan Chandra Mahavidyalaya	24pgs- South	PPS	CU	2007	A
72	Sagar Mahavidyalaya	24pgs- South	PPS	CU	1998	A
73	Saheed Anurup Chandra Mahavidyalaya	24pgs- South	PPS	CU	1991	AC
74	Sammilani Mahavidyalaya	24pgs- South	PPS	CU	1996	ASC



## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
75	Sarsuna College	24pgs- South	PPS	CU	1999	ASC
76	Sirakhole Mahavidyalaya	24pgs- South	PPS	CU	2007	A
77	Sonarpur Mahavidyalaya	24pgs- South	PPS	CU	1985	ASC
78	Sukanta College, Basanti, Bhagabankhali	24pgs- South	PPS	CU	2008	A
79	Sundarban Hazi Desarat College	24pgs- South	PPS	CU	1961	ASC
80	Sundarban Mahavidyalaya	24pgs- South	PPS	CU	1965	ASC
81	Sushil Kar College, Champahati	24pgs- South	PPS	CU	1968	ASC
82	Vidyanagar College	24pgs- South	PPS	CU	1963	ASC
83	Vivekananda College for Women, Barisha	24pgs- South	PPS	CU	1961	AS
84	Vivekananda College, Thakurpukur	24pgs- South	PPS	CU	1950	ASC
85	Al Ameen Memorial Minoriy Coll.	24pgs- South	PVT	CU	2007	A
86	Bankura Christian College	Bankura	PPS	BU	1903	ASC
87	Bankura Sammilani College	Bankura	PPS	BU	1948	ASC
88	Bankura Zilla Saradamani Mahila Mahavidyapith	Bankura	PPS	BU	1973	A
89	Barjora College	Bankura	PPS	BU	1985	A
90	Chatra Ramai Pandit MV	Bankura	PPS	BU	2000	AC
91	Chhatna Chandidas M.V.	Bankura	PPS	BU	2007	A
92	Gobinda Prasad MV	Bankura	PPS	BU	1985	AS
93	Indas Mahavidyalaya, vill. Khosbag, 722-205	Bankura	PPS	BU	2006	AS
94	Jamini Roy College	Bankura	PPS	BU	1986	A
95	Khatra Adibasi Mahavidyalaya	Bankura	PPS	BU	1979	ASC
96	Onda Thana M.V.	Bankura	PPS	BU	2007	A
97	Panchmura Mahavidyalaya	Bankura	PPS	BU	1965	ASC

BU – Burdwan University

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
98	Pandit Raghunath Murmu Smriti Mahavidyalaya	Bankura	PPS	BU	1986	A
99	Patrasayar MV (2005)	Bankura	PPS	BU	2005	A
100	Ramananda College	Bankura	PPS	BU	1945	ASC
101	Saldiha College	Bankura	PPS	BU	1966	ASC
102	Saltora Netaji Centenary College	Bankura	PPS	BU	2001	A
103	Sonamukhi College	Bankura	PPS	BU	1966	ASC
104	Swami Dhananjay Das Kathiababa MV.Bhara	Bankura	PPS	BU	2009	A
105	Abhedananda Mahavidyalaya	Birbhum	PPS	BU	1965	ASC
106	Birbhum MV	Birbhum	PPS	BU	1979	A
107	Bolpur College	Birbhum	PPS	BU	1950	ASC
108	Chandidas Mahavidyalaya, Khujutipara	Birbhum	PPS	BU	1972	ASC
109	Hiralal Bhakat College	Birbhum	PPS	BU	1986	AC
110	Kabi Jaideb M.V	Birbhum	PPS	BU	2007	A
111	Kabi Nazrul College	Birbhum	PPS	BU	1985	ASC
112	Krishna Chandra College	Birbhum	PPS	BU	1897	ASC
113	Purni Debi Girl's College, Bolpur	Birbhum	PPS	BU	2006	A
114	Rampurhat College	Birbhum	PPS	BU	1950	ASC
115	Sailajananda Falgooni Smriti Mahavidyalaya	Birbhum	PPS	BU	1998	A
116	Sambhunath College	Birbhum	PPS	BU	1963	ASC
117	Suri Vidyasagar College	Birbhum	PPS	BU	1942	ASC
118	Turku Hansda-Lapsa Hembram M.V.	Birbhum	PPS	BU	2006	A
119	Asleha Girls' College, Rampurhat	Birbhum	PVT	BU	2009	A
120	Sofia Girls' College, Nalhati	Birbhum	PVT	BU	2009	A

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
121	Rajnagar M.C	Birbhum	PPS	BU	2009	A
122	Durgapur Govt. College	Burdwan	Govt	BU	1970	ASC
123	Asansol Girls' College	Burdwan	PPS	BU	1956	ASC
124	Banwarilal Bhalotia College	Burdwan	PPS	BU	1944	ASC
125	Bidhan Chandra College	Burdwan	PPS	BU	1961	ASC
126	Burdwan Raj College	Burdwan	PPS	BU	1881	ASC
127	Chandrapur College	Burdwan	PPS	BU	1985	ASC
128	Deshbandhu MV	Burdwan	PPS	BU	1973	ASC
129	Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya	Burdwan	PPS	BU	1996	ASC
130	Dr. Gour Mohan Roy College, Monteswar 713145	Burdwan	PPS	BU	1986	AC
131	Durgapur Women's College	Burdwan	PPS	BU	1980	AS
132	Galsi MV, Galsi-713 406	Burdwan	PPS	BU	2007	A
133	Guskara Mahavidyalaya	Burdwan	PPS	BU	1965	ASC
134	Kalna College	Burdwan	PPS	BU	1943	ASC
135	Kandra Radha Kantakundu Mahavidyalaya	Burdwan	PPS	BU	2001	A
136	Katwa College	Burdwan	PPS	BU	1948	ASC
137	Kazi Nazrul Islam MV	Burdwan	PPS	BU	1982	AC
138	Khandra College	Burdwan	PPS	BU	1982	AC
139	Kulti College	Burdwan	PPS	BU	1986	ASC
140	M.U.C. Women's College	Burdwan	PPS	BU	1955	AS
141	Mankar College	Burdwan	PPS	BU	1987	ASC
142	Memari College	Burdwan	PPS	BU	1981	ASC
143	Michael Madhusudan Memorial College	Burdwan	PPS	BU	1996	ASC

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
144	Pandaveswar College (2005)	Burdwan	PPS	BU	2005	A
145	Raniganj Girls' College	Burdwan	PPS	BU	1980	ASC
146	Syamsundar College	Burdwan	PPS	BU	1948	ASC
147	Trivenidevi Bhalotia College	Burdwan	PPS	BU	1957	ASC
148	Vivekananda MV	Burdwan	PPS	BU	1964	AS
149	Durgapur College of Commerce & Science	Burdwan	PVT	BU	2003	ASC
150	Jamalpur M.V	Burdwan	PPS	BU	2009	A
151	Purbasthali College, Parulia	Burdwan	PPS	BU	2009	A
152	Acharya Brojendra Nath Seal College	Coochbehar	Govt	NBU	1888	AS
153	Bakshirhat MV (2005)	Coochbehar	PPS	NBU	2005	A
154	Cooch Behar College	Coochbehar	PPS	NBU	1970	AAC
155	DewanHat M.V. , 736134	Coochbehar	PPS	NBU	2007	A
156	Dinhata College	Coochbehar	PPS	NBU	1956	ASC
157	Mathabhanga College	Coochbehar	PPS	NBU	1969	ASC
158	Mckliganj College	Coochbehar	PPS	NBU	1996	AS
159	Netaji Subhas MV, Haldibari	Coochbehar	PPS	NBU	1985	ASC
160	Sitalkuchi College	Coochbehar	PPS	NBU	1999	A
161	Thakur Panchanan Mahila MV	Coochbehar	PPS	NBU	1981	A
162	Tufanganj Mahavidyalaya	Coochbehar	PPS	NBU	1971	ASC
163	Baneswar Sarathibala Mahavidyalaya, Baneswar	Coochbehar	PPS	NBU	2009	A
164	Bijonbari Degree College	Darjeeling	PPS	NBU	1995	A
165	Cluny Womens College	Darjeeling	PPS	NBU	1998	A
166	Kalimpong College	Darjeeling	PPS	NBU	1962	ASC
167	Kalipada Ghosh Tarai Mahavidyalaya	Darjeeling	PPS	NBU	1988	ASC

NBU – North Bengal University

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
168	Kurseong College	Darjeeling	PPS	NBU	1967	ASC
169	Loreto College	Darjeeling	PPS	NBU	1961	A
170	Mirik College	Darjeeling	PPS	NBU	2000	A
171	Munshi Premchand Degree College, Sevoke Road	Darjeeling	PPS	NBU	2008	A
172	Naksalbari College, PO Naksalbari	Darjeeling	PPS	NBU	2008	A
173	Siliguri College	Darjeeling	PPS	NBU	1950	AS
174	Siliguri College of Commerce	Darjeeling	PPS	NBU	1962	AC
175	Siliguri Mahila MV	Darjeeling	PPS	NBU	1981	A
176	Sonada Degree College	Darjeeling	PPS	NBU	1985	A
177	St. Joseph's College	Darjeeling	PPS	NBU	1927	ASC (V)
178	Surya Sen Mahavidyalaya	Darjeeling	PPS	NBU	1998	ASC
179	Ghoom Jorebunglow Deg. Coll. (2005)	Darjeeling	PVT	NBU	2005	A
180	Gyan Jyoti College (2005)	Darjeeling	PVT	NBU	2005	AC
181	North Bengal St.Xavier's College, Mannaganj	Darjeeling	PVT	NBU	2006	A
182	Salesain College	Darjeeling	PVT	NBU	1933	AC
183	Darjeeling Govt. College	Darjeeling	Govt	NBU	1948	ASC
184	Balurghat College	Dinajpur-South	PPS	GBU	1948	ASC
185	Balurghat Mahila MV	Dinajpur-South	PPS	GBU	1970	ASC
186	Buniyadpur MV, PO -Buniyadpur, Sub-Div Gangarampur	Dinajpur-South	PPS	GBU	2007	A
187	Dewan Abdul Gani College	Dinajpur-South	PPS	GBU	1994	A
188	Gangarampur College	Dinajpur-South	PPS	GBU	1981	ASC
189	Jamini Majumder Memorial College,	Dinajpur-South	PPS	GBU	2008	A
190	Dr. Meghnath Saha College	Dinajpur North	PPS	GBU	2000	AC
191	Islampur College	Dinajpur North	PPS	GBU	1973	ASC

GBU – Gour Banga University

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
192	Kaliagang College	Dinajpur North	PPS	GBU	1968	ASC
193	Raiganj Surendranath Mahavidyalaya	Dinajpur North	PPS	GBU	1986	AS
194	Raiganj University College	Dinajpur North	Univ Coll	GBU	1948	ASC
195	Shree Agrasen MV	Dinajpur North	PPS	GBU	1995	AC
196	Chandernagore College	Hooghly	Govt	BU	1891	ASC
197	Hooghly Mohsin College	Hooghly	Govt	BU	1836	ASC
198	Aghore Kamini Prakash Chandra MV	Hooghly	PPS	BU	1959	ASC
199	Arambag Girls' College	Hooghly	PPS	BU	1995	A
200	Balagarh Bijoy Krishna Mahavidyalaya	Hooghly	PPS	BU	1985	ASC
201	Bidhan Chandra College	Hooghly	PPS	BU	1957	ASC
202	Bijoy Narayan MV, Itachuna	Hooghly	PPS	BU	1950	ASC
203	Hooghly Women's College	Hooghly	PPS	BU	1949	AS
204	Kabi Kankan Mukundaram M.V., Keshabpur	Hooghly	PPS	BU	2007	A
205	Kabi Sukanta Mahavidyalaya	Hooghly	PPS	BU	1986	ASC
206	Khalisani Mahavidyalaya, Chandannagar ph : 26825530	Hooghly	PPS	BU	1970	ASC
207	Mahitosh Nandy M. V.	Hooghly	PPS	CU	2007	A
208	Nabagram Hiralal Paul College	Hooghly	PPS	BU	1957	ASC
209	Netaji MV, Arambag	Hooghly	PPS	BU	1948	ASC
210	Polaba College (2005)	Hooghly	PPS	BU	2005	A
211	Rabindra MV	Hooghly	PPS	BU	1971	ASC
212	Raja Peary Mohan College	Hooghly	PPS	CU	1881	ASC
213	Raja Rammohan Roy Mahavidyalaya	Hooghly	PPS	CU	1964	ASC
214	Sarat Centenary College	Hooghly	PPS	BU	1976	ASC
215	Serampore College	Hooghly	PPS	CU	1818	ASC
216	Serampore Girls' College	Hooghly	PPS	CU	1981	AS

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
217	Sree Gopal Bannerjee College	Hooghly	PPS	BU	1958	ASC
218	Sri Ramkrishna Sarada Vidyamahapith	Hooghly	PPS	BU	1959	AS
219	Swami Niswambala Nanda Girls' College	Hooghly	PPS	BU	1978	AC
220	Tarakeswar Degree College	Hooghly	PPS	BU	1986	ASC
221	Vidyasagar Mahavidyalaya, Mosat	Hooghly	PPS	BU	1998	AC
222	Vivekananda Mahavidyalaya, Haripal	Hooghly	PPS	BU	1966	ASC
223	Vidyasagar Inst. of Edun, Tech & Res., Pursurah	Hooghly	PVT	BU	2007	S
224	Azad Hind Fouz Smriti Mahavidyalaya, Domjur	Howrah	PPS	CU	1986	AC
225	Bagnan College	Howrah	PPS	CU	1958	ASC
226	Bijoy Krishna Girls' College	Howrah	PPS	CU	1947	ASC
227	Dr. Kanailal Bhattacharyya College	Howrah	PPS	CU	1985	AC
228	Gangadharpur Mahavidyalaya	Howrah	PPS	CU	1981	AC
229	Joypur Panchanan Roy College	Howrah	PPS	CU	1986	AC
230	Lalbaba College	Howrah	PPS	CU	1964	ASC
231	Narasinha Dutta College	Howrah	PPS	CU	1924	ASC
232	Prabhu Jagatbandhu College	Howrah	PPS	CU	1964	ASC
233	Purash Kanpur Haridas Nandi MV	Howrah	PPS	CU	1966	ASC
234	Ramkrishna Mission Vidyamandir, Belur	Howrah	PPS	CU	1941	AS
235	Ramsaday College	Howrah	PPS	CU	1946	ASC
236	Shibpur Dinabandhu Institution	Howrah	PPS	CU	1948	ASC
237	Shyampur Siddheswari Mahavidyalaya	Howrah	PPS	CU	1964	ASC
238	Sovarani Memorial College	Howrah	PPS	CU	1971	ASC
239	Udaynarayanpur Madhabilata (2006) Mahavidyalaya	Howrah	PPS	CU	2006	A

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
240	Uluberia College	Howrah	PPS	CU	1948	ASC
241	Sree Agrasain College	Howrah	PVT	CU	2004	ASC
242	Alipurduar College	Jalpaiguri	PPS	NBU	1957	ASC
243	Alipurduar Mahila Mahavidyalaya	Jalpaiguri	PPS	NBU	2008	A
244	Ananda Chandra College	Jalpaiguri	PPS	NBU	1942	AS
245	Ananda Chandra College of commerce	Jalpaiguri	PPS	NBU	1962	AC
246	Birpara College	Jalpaiguri	PPS	NBU	1986	ASC
247	Falakata College	Jalpaiguri	PPS	NBU	1981	AS
248	Moynaguri College	Jalpaiguri	PPS	NBU	1999	AC
249	Nani Bhattacharjee Smarak MV, Jaigaon	Jalpaiguri	PPS	NBU	2007	A
250	Parimal Mitra Smriti MV,	Jalpaiguri	PPS	NBU	1985	AC
251	Prasannadeb Women's College	Jalpaiguri	PPS	NBU	1950	AS
252	Sahid Khudiram College	Jalpaiguri	PPS	NBU	1996	A
253	Sukanta MV	Jalpaiguri	PPS	NBU	1981	AS
254	Vivekananda College	Jalpaiguri	PPS	NBU	1985	AS
255	Rajganj Mahavidyalaya, Rajganj	Jalpaiguri	PPS	NBU	2009	A
256	Presidency College	Kolkata	Govt	CU	1817	AS
257	Acharya Girish Chandra Bose College (formerly Bangabasi College of Commerce)	Kolkata	PPS	CU	1964	C
258	Acharya Jagadish Chandra Bose College	Kolkata	PPS	CU	1968	ASC
259	Ananda Mohan College	Kolkata	PPS	CU	1961	ASC
260	Asutosh College	Kolkata	PPS	CU	1916	AS
261	Bangabasi College	Kolkata	PPS	CU	1857	ASC
262	Bangabasi Evening College	Kolkata	PPS	CU	1964	ASC



## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
263	Bangabasi Morning College	Kolkata	PPS	CU	1965	ASC
264	Basanti Devi College	Kolkata	PPS	CU	1959	AS
265	Bhawanipur Education Society	Kolkata	PPS	CU	1966	ASC
266	Calcutta Girls' College	Kolkata	PPS	CU	1964	ASC
267	Charuchandra College	Kolkata	PPS	CU	1947	ASC
268	Chittaranjan College	Kolkata	PPS	CU	1967	AC
269	City College	Kolkata	PPS	CU	1884	ASC
270	City College of Commerce	Kolkata	PPS	CU	1961	C
271	Deshbandhu College for Girls	Kolkata	PPS	CU	1955	ASC
272	Gokhale Memorial Girls' College	Kolkata	PPS	CU	1938	AS
273	Gurudas College	Kolkata	PPS	CU	1956	ASC
274	Harimohan Ghosh College	Kolkata	PPS	CU	1963	ASC
275	Heramba Chandra College	Kolkata	PPS	CU	1961	ASC
276	Jogesh Chandra Choudhuri College	Kolkata	PPS	CU	1965	ASC
277	Jogmaya Devi College	Kolkata	PPS	CU	1958	ASC
278	Khudiram Bose Central College	Kolkata	PPS	CU	1956	AC
279	Kidderpore College	Kolkata	PPS	CU	1966	ASC
280	Loreto College	Kolkata	PPS	CU	1912	ASC
281	Maharaja Manindra Chandra College	Kolkata	PPS	CU	1941	ASC
282	Maharaja Sris Chandra College	Kolkata	PPS	CU	1964	ASC
283	Maharani Kashiswari College	Kolkata	PPS	CU	1964	AS
284	Milli Al-Ameen College (for Girls)	Kolkata	PPS	CU	2000	AC
285	Muralidhar Girls' College	Kolkata	PPS	CU	1940	AS
286	Naba Ballygunge MV	Kolkata	PPS	CU	1985	AC
287	Netajinagar College (evening)	Kolkata	PPS	CU	1967	ASC
288	Netajinagar College for Women	Kolkata	PPS	CU	1986	AS

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
289	Netajinagar Day College	Kolkata	PPS	CU	1986	ASC
290	New Alipore College	Kolkata	PPS	CU	1963	ASC
291	Prafulla Chandra College (Evening)	Kolkata	PPS	CU	1954	ASC
292	Rammohan College	Kolkata	PPS	CU	1961	ASC
293	Rani Birla Girls' College	Kolkata	PPS	CU	1961	AS
294	Savitri Girls' College	Kolkata	PPS	CU	1972	AC
295	Scottish Church College	Kolkata	PPS	CU	1830	AS
296	Seth Anandaram Jaipuria College	Kolkata	PPS	CU	1945	ASC
297	Seth Soorajmull Jalan Girls' College	Kolkata	PPS	CU	1954	ASC
298	Shri Shiksayatan College	Kolkata	PPS	CU	1955	ASC
299	Shyamaprasad College	Kolkata	PPS	CU	1916	ASC
300	Sir Gurudas Mahavidyalaya	Kolkata	PPS	CU	1968	AC
301	Sivanath Sastri College	Kolkata	PPS	CU	1955	ASC
302	South Calcutta Girls' College	Kolkata	PPS	CU	1932	AS
303	St. Paul's Cathedral Mission College	Kolkata	PPS	CU	1860	AS
304	St. Xaviers College	Kolkata	PPS	CU	1860	ASC
305	Surendranath College	Kolkata	PPS	CU	1884	ASC
306	Surendranath College for Women	Kolkata	PPS	CU	1948	ASC
307	Surendranath Evening College	Kolkata	PPS	CU	1961	ASC
308	Umesh Chandra College	Kolkata	PPS	CU	1841	C
309	Victoria Institution College	Kolkata	PPS	CU	1932	ASC
310	Vidyasagar College	Kolkata	PPS	CU	1859	AS
311	Vidyasagar College for Women	Kolkata	PPS	CU	1960	AS
312	Vidyasagar Evening College	Kolkata	PPS	CU	1961	ASC
313	Women's Christian College	Kolkata	PPS	CU	1945	AS
314	Women's College	Kolkata	PPS	CU	1937	AS

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
315	Smt. J.D. Birla College	Kolkata	PVT	CU	2006	A
316	Tara Devi Harakchand Coll, Cossipore	Kolkata	PVT	CU	2005	AS
317	Bethune College	Kolkata	Govt	CU	1879	AS
318	Goenka College of Commerce & Business Management	Kolkata	Govt	CU	1860	C
319	Lady Brabourne College	Kolkata	Govt	CU	1939	AS
320	Maulana Azad College	Kolkata	Govt	CU	1926	AS
321	Sanskrit College	Kolkata	Govt	CU	1824	AS
322	Matiabutz College, Kolkata	Kolkata	PPS	CU	2008	A
323	Chanchal College	Malda	PPS	GBU	1969	ASC
324	Gajole Mahavidyalaya (2006)	Malda	PPS	GBU	2005	A
325	Gour Mahavidyalaya	Malda	PPS	GBU	1985	AS
326	Harishchandrapur College, Pipla	Malda	PPS	GBU	2007	A
327	Kaliachak College	Malda	PPS	GBU	1995	AS
328	Malda College	Malda	PPS	GBU	1944	ASC
329	Malda Women's College	Malda	PPS	GBU	1970	AS
330	Pakuahat Degree College	Malda	PPS	GBU	1997	AC
331	Samsi College	Malda	PPS	GBU	1968	ASC
332	South Malda College	Malda	PPS	GBU	1995	AC
333	Vivekananda Inst. of Advanced Learning, Bhaluka	Malda	PVT	GBU	2009	A
334	Haldia Govt. College	Midnapur-East	Govt	VU	1988	AS
335	Bajkul Milani Mahavidyalaya	Midnapur-East	PPS	VU	1964	AS
336	Debra Thana Sahid Kshudiram Smriti M.V.	Midnapur-East	PPS	VU	2006	A
337	Egra Sarada Shashi Bhushan College	Midnapur-East	PPS	VU	1968	ASC

VU – Vidyasagar University

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
338	Khejuri College	Midnapur-East	PPS	VU	1999	AS
339	Maharaja Nandakumar MV, PO & PS Nandakumar	Midnapur-East	PPS	VU	2007	A
340	Mahishadal Girls' College	Midnapur-East	PPS	VU	1969	AS
341	Mahishadal Raj College	Midnapur-East	PPS	VU	1964	ASC
342	Moyna College	Midnapur-East	PPS	VU	1972	ASC
343	Mugberia Gangadhar Mahavidyalaya	Midnapur-East	PPS	VU	1964	ASC
344	Nandakumar MV, Chandipur	Midnapur-East	PPS	VU	2008	A
345	Panskura Banamali College	Midnapur-East	PPS	VU	1960	ASC
346	Prabhat Kumar College	Midnapur-East	PPS	VU	1926	ASC
347	Ramnagar College,	Midnapur-East	PPS	VU	1972	ASC
348	Sitananda College	Midnapur-East	PPS	VU	1960	AS
349	Tamralipta Mhavidyalaya	Midnapur-East	PPS	VU	1948	ASC
350	Vivekananda Mission Mahavidyalaya	Midnapur-East	PPS	VU	1968	ASC
351	Yogoda Satsanga Palpara Mahavidyalaya	Midnapur-East	PPS	VU	1964	AS
352	Belda College	Midnapur-West	PPS	VU	1963	ASC
353	Bhattar College	Midnapur-West	PPS	VU	1963	ASC
354	Chaipat Saheed Pradyot Bhattacharya M.V.	Midnapur-West	PPS	VU	2007	A
355	Chandrakona Vidyasagar MV	Midnapur-West	PPS	VU	1985	AS
356	Garbeta College	Midnapur-West	PPS	VU	1948	AS
357	Ghatal Rabindra Satabarsiki Mahavidyalaya	Midnapur-West	PPS	VU	1961	ASC
358	Gourav Guin Mem. College, Chandrakona	Midnapur-West	PPS	VU	2008	A
359	Hijli College	Midnapur-West	PPS	VU	1995	AS
360	Kaibalyadayini College of Commerce	Midnapur-West	PPS	VU	1961	AC

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
361	Kharagpur College	Midnapur- West	PPS	VU	1949	ASC
362	Midnapore College	Midnapur- West	PPS	VU	1873	AS
363	Narajole Raj College	Midnapur- West	PPS	VU	1966	AS
364	Pingla Thana Mahavidyalaya	Midnapur- West	PPS	VU	1965	ASC
365	Raja Narendra Lal Khan Women's College	Midnapur- West	PPS	VU	1957	AS
366	Sabang Sajantikanta Mahavidyalaya	Midnapur-West	PPS	VU	1970	ASC
367	Sankrail Anil Biswas Smriti MV, PO:Kultikari-721135	Midnapur-West	PPS	VU	2007	A
368	Santal Bidroha Sardha Satabarshiki MV, Goaltore (05)	Midnapur-West	PPS	VU	2005	A
369	Seva Bharati Mahavidyalaya	Midnapur-West	PPS	VU	1964	ASC
370	Silda Chandrasekhar College	Midnapur-West	PPS	VU	1971	ASC
371	Subarnarekha MV	Midnapur-West	PPS	VU	1988	ASC
372	Sukumar Sengupta Mahavidyalaya, Keshpur (2005)	Midnapur-West	PPS	VU	2005	AS
373	Vivekananda Satabarshiki Mahavidyalaya	Midnapur-West	PPS	VU	1964	ASC
374	Jhargram Raj College	Midnapur-West	Govt	VU	1949	ASC
375	Oriental Instt. Of Science & Technology, Ranngamati	Midnapur-West	PVT	VU	2008	S
376	Berhampore Girls' College	Murshidabad	PPS	KU	1946	AS
377	Berhampur College	Murshidabad	PPS	KU	1963	ASC
378	Dukhulal Nibaran Chandra College	Murshidabad	PPS	KU	1967	ASC
379	Dumkal College	Murshidabad	PPS	KU	1999	ASC
380	Hazi A.K.Khan College, Hariharpara	Murshidabad	PPS	KU	2008	A
381	Jangipur College	Murshidabad	PPS	KU	1950	ASC
382	Jatindra Rajendra MV	Murshidabad	PPS	KU	1986	A

KU – Kalyani University

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
383	Kandi Raj College	Murshidabad	PPS	KU	1950	AS
384	Krishnanath College	Murshidabad	PPS	KU	1853	AS
385	Lalgola College (2005)	Murshidabad	PPS	KU	2005	A
386	Murshidabad Adarsha Mahavidyalaya	Murshidabad	PPS	KU	1981	A
387	Muzaffar Ahmed MV	Murshidabad	PPS	KU	1986	A
388	Nagar College	Murshidabad	PPS	KU	1998	AS
389	Nur Mohammad Smriti M.V., Samserganj, Dhuliyani	Murshidabad	PPS	KU	2008	A
390	Panchthupi Haripada Gouribala College	Murshidabad	PPS	KU	1996	A
391	Prof. Sayed Nurul Hasan College, Farakka	Murshidabad	PPS	KU	1994	AS
392	Raja Birendra Chandra College	Murshidabad	PPS	KU	1965	AC
393	Rani Dhanya Kumari College	Murshidabad	PPS	KU	1962	AC
394	Sagardighi Mahavidyalaya, Sagardighi	Murshidabad	PPS	KU	2008	A
395	Sewnarayan Rameswar Fatepuria College	Murshidabad	PPS	KU	1965	ASC
396	Sripat Singh College	Murshidabad	PPS	KU	1950	AS
397	Subhas Chadra Bose Centenary College	Murshidabad	PPS	KU	1998	A
398	Nabagram Amarchand Kundu College	Murshidabad	PPS	KU	2009	A
399	Krishnagar Govt.College	Nadia	Govt	KU	1846	AS
400	Assannagar Madan Mohan (AC) Tarkalankar College.	Nadia	PPS	KU	2007	A
401	Bethuadahari College	Nadia	PPS	KU	1986	AC
402	Chakdaha College	Nadia	PPS	KU	1972	ASC
403	Chapra Bengaljahi Mahavidyalaya	Nadia	PPS	KU	2001	A
404	Dr. B.R. Ambedkar College	Nadia	PPS	KU	1973	AC
405	Dwijendralal College	Nadia	PPS	KU	1968	ASC
406	Haringhata Mahavidyalaya	Nadia	PPS	KU	1986	ASC
407	Kalyani Mahavidyalaya	Nadia	PPS	KU	1999	ASC

## APPENDIX

Sl. No.	College Name	District	Class	University	Year of Estd.	Streams
408	Karimpur Pannadevi College	Nadia	PPS	KU	1968	ASC
409	Krishnagar Women's College	Nadia	PPS	KU	1958	AS
410	Nabadwip Vidyasagar College	Nadia	PPS	KU	1942	ASC
411	Pritilata Mahila MV, Panikhali, PO-Daluabari	Nadia	PPS	KU	2007	A
412	Ranaghat College	Nadia	PPS	KU	1950	ASC
413	Santipur College	Nadia	PPS	KU	1948	ASC
414	Srikrishna College, Bagula 741 502	Nadia	PPS	KU	1950	ASC
415	Sudhirranjan Lahiri Mahavidyalaya, Majdia	Nadia	PPS	KU	1966	AC
416	Achchuram Memorial College	Purulia	PPS	BU	1975	AS
417	Balarampur College	Purulia	PPS	BU	1985	ASC
418	Barabazar Bikram Tudu Memorial College, 723127 (06)	Purulia	PPS	BU	2006	A
419	J.K. College	Purulia	PPS	BU	1948	ASC
420	Kashipur Michael Madhusudan College	Purulia	PPS	BU	2000	AS
421	Mahatma Gandhi College	Purulia	PPS	BU	1981	ASC
422	Manbhum Mahavidyalaya	Purulia	PPS	BU	1986	ASC
423	Netaji Subhs Ashram MV	Purulia	PPS	BU	1985	A
424	Nistarini College	Purulia	PPS	BU	1957	AS
425	Panckot MV	Purulia	PPS	BU	2000	AC
426	Raghunathpur College	Purulia	PPS	BU	1961	ASC
427	Ramananda Centenary College	Purulia	PPS	BU	1971	AS
428	Santaldih College, Chatramahul	Purulia	PPS	BU	2008	A
429	Ananda Marga College	Purulia	PVT	BU	1966	AS
430	Arsha College Bikramjeet Goswami Memorial	Purulia	PPS	BU	2009	A
431	College, Joypur	Purulia	PPS	BU	2009	A

## APPENDIX

### 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 – III

#### 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></ol>



## APPENDIX

DISCIPLINE AREA	VOCATIONAL SUBJECTS
	<ol style="list-style-type: none"> <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>
(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>

**CHAPTER – 1**

**HIGHER EDUCATION IN  
WEST BENGAL**

**AT A GLANCE  
2009 - 2010**

**HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2009-2010**

## CHAPTER – 1

### HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2009 - 2010

#### 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	Education Colleges (B.Ed / B.P.Ed.)	Law Colleges	Art Colleges	Management Colleges	Hotel Management Colleges	Music Colleges	Engg & Tech Colleges	Other Colleges (Non-AICTE)	Total No. of Colleges
1. Calcutta University	59	5	698	128	33	06	01	01	–	01	–	01	171
2. Burdwan University	29	2	227	105	32	06	01	–	–	01	–	13	158
3. Vidyasagar University	19	3	117	42	21	03	01	–	–	–	–	06	73
4. Kalyani University	22	4	245	40	16	04	–	–	–	–	–	03	63
5. North Bengal University	22	3	148	46	10	02	–	–	–	–	–	–	58
6. West Bengal State University, Barasat	27	2	161	47	06	01	–	–	–	–	–	01	55
7. Gour Banga University	19	3	106	23	10	01	–	–	–	–	–	–	34
8. Jadavpur University	35	3	636	–	–	–	–	01	–	–	–	–	01
9. Rabindra Bharati University	22	3	155	–	–	–	01	–	–	–	–	–	01
10. Bengal Engineering & Science University	16	2	208	–	–	–	–	–	–	–	–	–	–
11. Netaji Subhas Open University	5	2	12	–	–	–	–	–	–	–	–	–	–
12. West Bengal University of Technology	7	3	32	–	–	–	–	36	04	–	78	59	177
<b>Total</b>	–	–	<b>2745</b>	<b>431</b>	<b>128++</b>	<b>23**</b>	<b>4</b>	<b>38+</b>	<b>04</b>	<b>02</b>	<b>78*</b>	<b>83</b>	<b>791</b>

\* Exclusive of University Colleges/Departments of JU, BESU, CU, BU & KU, WBUT

\*\* Excluding University Colleges/Departments

+ Exclusive of University Management Deptts. and inclusive of Engg. Colleges with Management Deptts.

++ Excluding University Colleges/Departments.

- N.B.** 1. Agriculture courses, both UG and PG, (including Agri. Engg.) are conducted by the BCKV AND UBKV. CU also runs courses on Agriculture (at PG level) under its Agriculture Dept.
2. University of Animal & Fishery Sciences imparts UG and PG studies in Veterinary Science and Animal Health. It also runs degree level course work on Dairy Technology and Fisheries.

## HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2009-2010

### **(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 Government 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 2009-2010

### F. COLLEGES :

#### DIFFERENT TYPES OF COLLEGES

Government Colleges	General Degree Colleges	17
	Colleges for Education including Colleges for Physical Education	12
	Art College	1
	Law College	1
	Engineering & Technological Colleges	6
	<b>Total</b>	<b>37</b>
Non-Govt. & Self financing Colleges	General Degree Colleges	414
	Colleges for Education including Colleges for Physical Education	116 ++
	Law College	22 **
	Music College	2
	Art College	3
	Business Management / Business Administration College	38 +
	Engineering & Technological Colleges excluding University Engineering Department	72 *
	Hotel Management	4
	Other Professional Colleges (Non AICTE)	83
	<b>Total</b>	<b>754</b>
	<b>Total Colleges in West Bengal</b>	

\* Exclusive of University Colleges/Departments of JU,BESU,CU,BU & KU,WBUT

\*\* Excluding University Colleges/Departments

+ Exclusive of University Management Deptts. and inclusive of Engg. Colleges with Management Deptts.

++ Excluding University Colleges/Departments.

- N.B.** 1. Agriculture courses, both UG and PG, (including Agri. Engg.) are conducted by the BCKV AND UBKV. CU also runs courses on Agriculture (at PG level) under its Agriculture Dept.
2. University of Animal & Fishery Sciences imparts UG and PG studies in Veterinary Science and Animal Health. It also runs degree level course work on Dairy Technology and Fisheries.

**G. SCHOLARSHIPS AND STIPENDS RELEASED BY THE EDUCATION DIRECTORATE :**

The number of scholarships/stipends which were released in the year being reported here (2009-2010), is indicated below :

National Scholarship (monetary benefit) :

Madhyamik (fresh)	–	3
Madhyamik (renewal)	–	72
Higher Secondary	–	2
Degree (Graduation)	–	Nil
High Madrasah	–	1
	–	<u>78</u>

National Scholarship (Merit certificate) :

Madhyamik	–	12
Higher Secondary	–	19

National Merit Scholarship : – 120

D.P.I. Special Stipend (General Stipend) – 43

(Ad-hoc grant) – 104 (distributed among three institutions)

Hindi Scholarship – 192

W. B. Govt. Merit-cum-Means Scholarship Scheme

:	Fresh	3656
	Renewal	<u>1797</u>
	Total	5453



## HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2009-2010

### H. ENROLMENT OF STUDENTS IN DIFFERENT AREAS OF STUDY (UNDERGRADUATE & POSTGRADUATE) IN UNIVERSITIES AND COLLEGES (2009-2010)

#### CUMULATIVE ENROLMENT FIGURE FOR 2009-2010 (UG)

Area of Study	BOYS				GIRLS				GRAND TOTAL
	GEN	SC	ST	TOTAL	GEN	SC	ST	TOTAL	
Arts	249561	75503	15429	340493	230267	50710	9975	290952	631445
Science	67112	13221	2262	82595	37384	5327	1130	43841	126436
Commerce	68133	5893	982	75008	21504	943	326	22773	97781
Education	3703	796	250	4749	2845	594	181	3620	8369
Law	3047	408	51	3506	2057	198	15	2270	5776
Engineering	50426	5124	736	56286	13123	1020	131	14274	70560
Management	343	0	0	343	270	0	0	270	613
Others	1950	215	63	2228	1322	125	38	1485	3713
<b>TOTAL</b>	<b>444275</b>	<b>101160</b>	<b>19773</b>	<b>565208</b>	<b>308772</b>	<b>58917</b>	<b>11796</b>	<b>379485</b>	<b>944693</b>

#### CUMULATIVE ENROLMENT FIGURE FOR 2009-2010 (PG)

Area of Study	BOYS				GIRLS				GRAND TOTAL
	GEN	SC	ST	TOTAL	GEN	SC	ST	TOTAL	
Arts	17373	5593	848	23814	19437	4422	498	24357	48171
Science	10981	1819	159	12959	5997	1680	74	7751	20710
Commerce	2868	418	31	3317	1457	237	20	1714	5031
Education	1055	386	59	1500	955	396	23	1374	2874
Law	174	57	26	257	199	40	28	267	524
Engineering	2829	430	45	3304	1224	171	14	1409	4713
Management	2677	100	16	2793	1268	54	3	1325	4118
Others	3523	507	54	4084	4428	281	46	4755	8839
<b>TOTAL</b>	<b>41480</b>	<b>9310</b>	<b>1238</b>	<b>52028</b>	<b>34965</b>	<b>7281</b>	<b>706</b>	<b>42952</b>	<b>94980</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 and other institutes outside the jurisdiction of this Department.
- 2) Central Institutes / Institutes managed by Central Agencies etc. located in West Bengal (e.g. ISI, Baranagar; IIM, Joka etc.)

## **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***

**ADMINISTRATIVE SET UP**

## CHAPTER – 2

### ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

#### 2.1 INTRODUCTION

This report is being published for the 18<sup>th</sup> 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 2009-2010. 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 29<sup>th</sup> 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, Social Education Branch, Integrated Law Cell, 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, DDPIs. 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 recommends 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 newly upgraded 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 Kolkata.          | (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. 3056, 3012
Private Secretary	Shri Soumitra Sankar Sengupta	Fax-2337-6783
Confidential Assistant	Shri Prasanta Dey	E-mail : michighdedu@wb.gov.in 2334-0863

### DEPARTMENT OF HIGHER EDUCATION

Principle Secretary	Shri S. C. Tewary, IAS	Overall charge of the Deptt. and also the Deptt. of Science & Technology.	2337-8573 (D) Ext. 3091 Fax-2358-7266
Special Secretary	Vacant		
Joint Secretary	Shri Uma Shankar Mondal, IAS	All matters relating to State-aided universities including W.B. State Council of Higher Education. All matters relating to Chancellor's Secretariat, Co-ordination with GOI-HRD & UGC, Audit matters, Vigilance matters, Departmental Enquiries	2321-2550 (D) Ext.-3098

**CHAPTER - 2**

Joint Secretary	Shri Sridhar Kumar Ghosh, IAS		2337-6564 (D) Ext.-3092
Joint Secretary & Appellate Authority under RTI Act, 2005	Shri Hrishikesh Gayen, WBCS (Exe.)	Matters relating to administration of W.B. Govt. Merit-cum-Means Scholarship Scheme, Social Education Branch, Budget Branch, Engineering & Technology and Management Colleges, WBUT (Tech matters), World Bank Scheme (TEQIP), Computer Cell, Statistics/Annual Report, Private Engineering & Management Institution, Protocol, E-Governance	2358-9662 (D) Ext.-3002
Joint Secretary	Smt. Madhumita Ray, WBCS (Exe.)	Matters relating to Engineering & Technology and Management Colleges, WBUT (Tech matters), World Bank Scheme (TEQIP), Computer Cell, Statistics/Annual Report, Private Engineering & Management Institution, E-Governance, DAiiCT, NIPER, IISER, GCCI, IIER GCCIET.	2334-2605 (D) Ext.-3094
Joint Secretary	Shri Swaraj Ghosh, WBSS	Appointment Branch (Government Colleges), Government Colleges Branch, DPI's Establishment.	2358-9662 (D) Ext.-3316
Joint Secretary & SPIO under RTI Act '05	Shri K. K. Bhaumik, WBSS	Establishment Branch. Reservation, including OBC, SC, ST, Disability, Pension Cell, Vigilance Cell, Public Grievance Cell, Directorate of State Archives	2337-6740 (D) Ext. 3023
Joint Secretary	Shri Manabendra Chakraborty, WBCS(Exe.)	All C. S. Branch. Establishment of new colleges including B.Ed Colleges but excluding Technical Colleges. College Service Commission matters, Reservation policy, Introduction	2321-0058 (D) Ext.-3294



## ADMINISTRATIVE SET UP

		of new courses in colleges, NAAC matters, Educational Training-BEd/MEd/NCTE, Education etc. State Accreditation of colleges.	
Deputy Secretary & SPIO under RTI Act '05	Pankaj Kr. Chakraborty, WBSS	All matters relating to State – aided universities including W.B. State Council of Higher Education. All matters relating to Chancellor's Secretariat, Co-ordination with GOI-HRD & UGC, Audit matters, Vigilance matters, Departmental Enquiries	2321-0069 (D) Ext. 3065
Accounts Officer Ex-Officio Deputy Secretary	Shri A. N. Mukhopadhyay, WBA&AS	Public Accounts Committee and Audit Cell, Budget Branch.	Ext. 3048
Accounts Officer Ex-Officio Deputy Secretary	Shri A. P. Bhattacharyya, WBA&AS	Audit - PAC matters	Ext. 3288
Law Officer	Shri Sukdeb Das	Law Matters, Court cases	2321-0664 (Direct) Ext. 3167
Law Officer	Shri Jayanta Dhali	Law Matters, Court cases	Ext. 3168
Law Officer	Shri Debkumar Acharya	Law Matters, Court cases	Ext. 3298
Assistant Secretary	Shri Kartick Ch. Maity, WBSS	Technical Branch	Ext. 3074
Officer on Special Duty & Ex-Officio Assistant Secretary	Mr. 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, Directorate of State Archives	2321-1216 (D) Ext.-3028
Assistant Secretary	Shri Birendra Nath Ghosh WBSS	Chancellor's Secretariat	Ext.-3073
Assistant Secretary	Shri Kartick Ch. Acharyya WBSS	C. S. Branch	Ext.-3080
State Liaison Officer (NSS)	Dr. A. N. Dey	N. S. S. matters	2321-1216 (D) Ext.-3068 2334-4734
Registrar	Shri Dharendra Nath Chandra, WBSS	Establishment Branch, Parliamentary and Assembly matters, Reservations of ST / SC / OBC etc.	2321-1216 (D) Ext.-3068 2334-4734
O. S. D.	Shri Subhas Ch. Ghosh, 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 Pijush Kanti Mahapatra, WBSS	Budget Branch	Ext.-3300
O. S. D.	Shri Bireswar Roychowdhury, WBSS	Appointment Branch	Ext.-3067
O. S. D.	Shri Brata Kumar Das, WBSS	University Branch	Ext.-3080
O. S. D.	Shri Lakshmikanta Sarkar, WBSS	C. S. Branch	Ext.-3081

## 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 Karpha	Govt. Colleges Matters; Administration of the Directorate	2334-3980 (D) 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
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
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
Joint D. P. I. (Hindi)	Vacant		
Joint D. P. I. (UGC)	Dr. M.S. Rahaman	Service matters of some Non-Govt. colleges	Ext 3274
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
Joint D. P. I. (Training)	Dr. Sibaprasad De	Training Colleges, Pay Packet of Training Colleges	Ext. 3148 2359-1472 (D)
Joint D. P. I. (UGC)	Dr. Bandana Chakrabarti	Service matters of some Non-Govt. colleges	2334-0069 (D) Ext 3152
Joint D.P.I. (GAC)	Dr. Anis Chakrabarti	Service Matters of Some Non-Govt. colleges	Ext 3152

**CHAPTER - 2**

Deputy D. P. I. (NGC)	Dr. Debdarpan Khan	Service matters of some Non-Govt. colleges	Ext 3151
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
D.R.E.O. (Presidency) Division & Ex-officio Dy. D. P. I.	Shri Subhra Dey	Inspection of Collges of Presidency Division	Ext 3161 M : 9830520700
D.R.E.O. (Burdwan) & Ex-officio Dy. D. P. I.	Dr. Ashis Ghosh	Supervision of some Non-Govt. colleges	2680-5188 (D)
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 : 9932012598
Joint D. P. I. (Scholarship & Stipend) (additional charge)	Dr. Gopal Chakraborty	Scholarship & Stipend	Ext 3157
Administrative Officer	Shri Tapan Ghatak	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 (Accounts)	Shri Pijush Kanti Biswas	Pay packet of some Non-Govt.Colleges	Ext 3281
Joint Director of Public Instruction (Pension)	Shri Joydeb Pal	Sanction of pension to Non-Govt. college teachers and other staff	Ext 3281

## ADMINISTRATIVE SET UP

OSD	Shri Dipyaman Pal	Letters Delated of to Govt. Colleges	Ext 3281
Deputy Director (Accounts) of Public Instruction	Shri Samir Kr. Das	Pay packet of some Non-Govt. Colleges	Ext 3281
Deputy Director of Public Instruction	Shri Swapan Kumar Nandy	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)	Kalyan Kumar Nandi	Release of pay packets for sponsored colleges and training colleges; Audit of colleges under the control of DPI	Ext 3147
Accounts Officer (Internal Audit Cell)	Vacant	Release of pay packets for sponsored colleges and training colleges; Audit of colleges under the control of DPI	Ext 3156
P. A. To D. P. I.	Shri Namita Kar	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, Chairman of RCCIIT Society and Governing Body	Dr. Sajal Dasgupta	All matters pertaining to the Directorate of Technical Education in the State.	2334-7077 (O) 2321-2608 (D) Ext. 3225 FAX 2334-7077 E-mail : dtewbgovt@yahoo.com
Addl. Director of Technical Education	Dr. Amalendu Basu	All Matters Govt. Engineering & Technology Colleges, Plan grant and budget for Govt. Engg. & Tech Colleges, Establishment & Law matters, Assembly Questions, Inspections, G.B. Meetings etc.	2334-7077 (O) 2334-5817 (D) Ext. 3221 E-mail : dtewbgovt@yahoo.com

## CHAPTER - 2

Joint Director of Technical Education	Shri Pranabesh Das	AICTE matters, Inspections, G.B. Meetings, Joint Entrance and Counseling related matters, Establishment of new Colleges, Generation of Statistical Reports etc.	2334-7077(O) Ext. 3222
Joint Director of Technical Education (Audit & Accounts)	Shri Ashutosh Bose	Financial Matters, Drawing & Disbursing Officer of this Directorate, SPFU, WBUT Grant-in-Aid Institutions etc.	2334-7077(O) 2334-7075(D) Ext. 3219
Deputy Director of Technical Education	Mrs. Bidisha Mukherjee	Private Engineering Colleges, seat matrix and Counseling related matters, Preparation of various reports, Inspection, G.B. Meetings, Asstt. State Information Officer	2334-7077(O) Ext. 3216
Deputy Director of Technical Education	Dr. Dhananjoy Saha	Govt. & Engg. & Tech. Colleges, Preparation of various reports, Inspection, G.B. Meetings, West Bengal Health Scheme etc.	2334-7077(O) 2334-7075(D)
Assistant Director of Technical Education	Smt. Sunita Karketa	Implementation of CAS for teachers of Govt. Engg. & Tech. Colleges, Private Management Colleges, MHRD seats, Inspections, G.B Meetings, etc.	2334-7077(O) Ext. 3293
Assistant Director of Technical Education	Smt. Saibal Sinha	Private Engineering Colleges, Establishment of new Colleges, e-governance and computerization of this Directorate and Department, Inspections, G. B. Meetings, etc.	2334-7077(O) Ext. 3293
Administrative Officer	Shri K. D. Gain	Office Administration including attendance, leave and Merit-cum-Means, Scholarship Scheme.	2334-7077(O)
P.A. to D.T.E.	Shri Swapna Chakraborty	Record Keeping of different communications, file movement, B.O. file movement, Miscellaneous works of D.T.E as when arises.	2334-7077(O)

## ADMINISTRATIVE SET UP

### WEST BENGAL DISTRICT GAZETTEERS

State Editor	Shri Swaraj Ghosh, WBSS	Overall charge of the office	2358-5962 (D) Ext. 3316
Deputy State Editor	Suktisita Bhattacharjee	D.D.O. and Research Work	
Asstt. Editor	Shri Manas Kundu	Administrative Officer	2334-7714
Research	Shri D. G. Mukhopadhyay	Research Work	Ext. 3181

### WEST BENGAL STATE ARCHIVES

Director	Dr. Atish Dasgupta	Overall charge of the office	2241-3966 2281-0661
OSD-cum-Administrative Officer	Shri Sanjoy Kumar Das WBCS (Exe.)	Administration	2241-3966
Deputy Director	Smt. Aradhana Ghosh	Establishment	2241-1044 Ext. 4022
Assistant Director	Shri Subodh Ch. Das	Current Section	2214-1339 Ext. 4022
Assistant Director	Shri Ananda Bhattacharjee	New functional building	2281-0661
Chief Archivist	Smt. Sumita Sil	Historical Section	2241-1044 Ext. 4022
Chief Archivist	Smt. Sulagna Roy	Historical Section	2241-1044

## 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	
Officer on Speical Duty & Ex-Officio Jt. Secretary	Dr. Jibendu KumarRoy	Ph. 2466-1005 2463-3712 Fax : 2466-0209 / 2465-9566
Member-Secretary	Dr. Dipak Bhattacharyya	

## CHAPTER - 2

### STATE PROJECT FACILITATION UNIT – WEST BENGAL (SPFU-WB)

[World Bank Assisted Technical Education Quality Improvement Programme (TEQIP) Implementation Unit]

Ph. Nos. (033) 2358 8241 / 46 / 52, Fax : (033) 2358 8253

Website : www.spfu-wb.com; E-mail : wb@yahoo.co.in

Head SPFU & DTE, West Bengal	Dr. Sajal Dasgupta	Ph : (033) 2358 8241
Programme Coordinator & Quality Assurance Advisor, SPFU-WB	Sri Manotosh Biswas	Ph : (033) 2358 8246
Consultant Finance, SPFU-WB	Sri Sajal Bandyopadhyay	Ph : (033) 2358 8256
Accounts Officer, SPFU-WB	Sri Asok Kr. Das	Ph : (033) 2358-8240

### 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 : (033) 2556-8019 (033) 2239-1328 Fax : (033) 2556-8079
Burdwan University	Prof. Subrata Pal	Ph : 0342-95342-2532900 Fax : 0342-2530452
Kalyani University	Prof. Alok Kumar Banerjee	Ph : (033) 2582-8690/8220 (M) 9433014569 Fax : (033) 2582-8282
Vidyasagar University	Prof. Swapan Kr. Pramanik	Ph : 03222-275329 Fax : 03222-264338
North Bengal University	Prof. Arunabha Basu Majumdar	Ph : 0353-2699255 Fax : 0353-2776313
West Bengal State University, Barasat	Prof. A. R. Thakur	Ph : 033-2584-7179 (M) 9831179909 Fax : 033-2584-4177
Gour Banga University	Prof. Gopa Dutta	Ph : 03512226664 (M) 9831390267 Fax : 03512223664
Netaji Subhas Open University	Prof. Manimala Das	Ph : 033-2283-5156/2287-2666 Fax : 033 2283-5082
The West Bengal University of Technology	Prof. Sabyasachi Sengupta	Ph : 033-23217578 Fax : 033-23217578



## ADMINISTRATIVE SET UP

Bengal Engineering and Science University	Dr. Ajoy Kumar Roy	Ph : 033-2668-2674/4561-64 (M) 9434004711 Fax : 033-2668-2916
Bidhan Chandra Krishi Viswavidyalaya	Prof. Saroj Kumar Sanyal	Ph: 2587-9772, 03473-222666 Fax : 03473-222278
Uttar Banga Krishi Viswavidyalaya	Dr. Mrinal Mazumder	Ph. : 03582-270249/270141 Fax : 03582-270726
West Bengal University of Animal & Fishery Sciences	Prof. C. S. Chakraborti	Ph : 033-2556-3450 Fax : 033-2557-1986
West Bengal University of Health Science	Prof. S. Majumder	Ph : 033-2321-5388 Fax : 033-2321-5389
The W. B. National University of Juridical Sciences	Prof. B. S. Chimni	Ph : 2335-0534/7379 Fax : 033-2335-7422
Alia University	Prof. Samsul Alam	
Ramkrishna Mission Vivekananda Education And Research Institute (RKMVERI) (Deemed Univeristy Under UGC Act)	Swami Atmapriyananda	Mobile : 9830216636 Telefax : 033-2654-9999
Visva Bharati (Central) University	Prof. Rajat Kanta Roy	Ph : 03463-252451 Fax : 03463-252672

## DIRECTORS OF ACADEMIC BODIES / INSTITUTES / WINGS

Director, Netaji Institute for Asian Studies	Dr. Suranjan Das	Ph : 2247-3145
Director, W. B. State Archives	Dr. Atish Dasgupta	Ph : 2241-3966
Director, Institute of English	Prof. T. Das (WBES)	Ph : 2466-3039
Director, Regional Centre of Indira Gandhi National Open University (IGNOU)	Dr. Sujit K 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 : 2257-2800/ 2257-2653
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 Anomitra Das	Ph : 2236-7854 Fax : (033) 225-3223

## 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
Dy. Registrar	: 9433493447
<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, 2634200 Fax (0342) -2634200 TelCode <b>Burdswity</b>
Golap Bag	: EPABX(0342)-556-549, 556-566, 558-554
Vice-Chancellor	: (0342) 2634900 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 : 9433014569 (M) : 9433014569
Registrar	: (033) 2582-2505, Fax : 2582-2505, 2582-8750
<b>North Bengal University</b>	: (0353) 258-1255/2099, Fax : (0353) 2776313
Vice-Chancellor	: (0353) 2699255 Fax : (0353) 2699001 Qtr : 2699324 [Kol R-2431-8700/2273]
Registrar	: (0353) 2582-099 Fax : 0353-2699-099 (M) : 094343-40076 (M) : 9434715404 (Ins. of College)

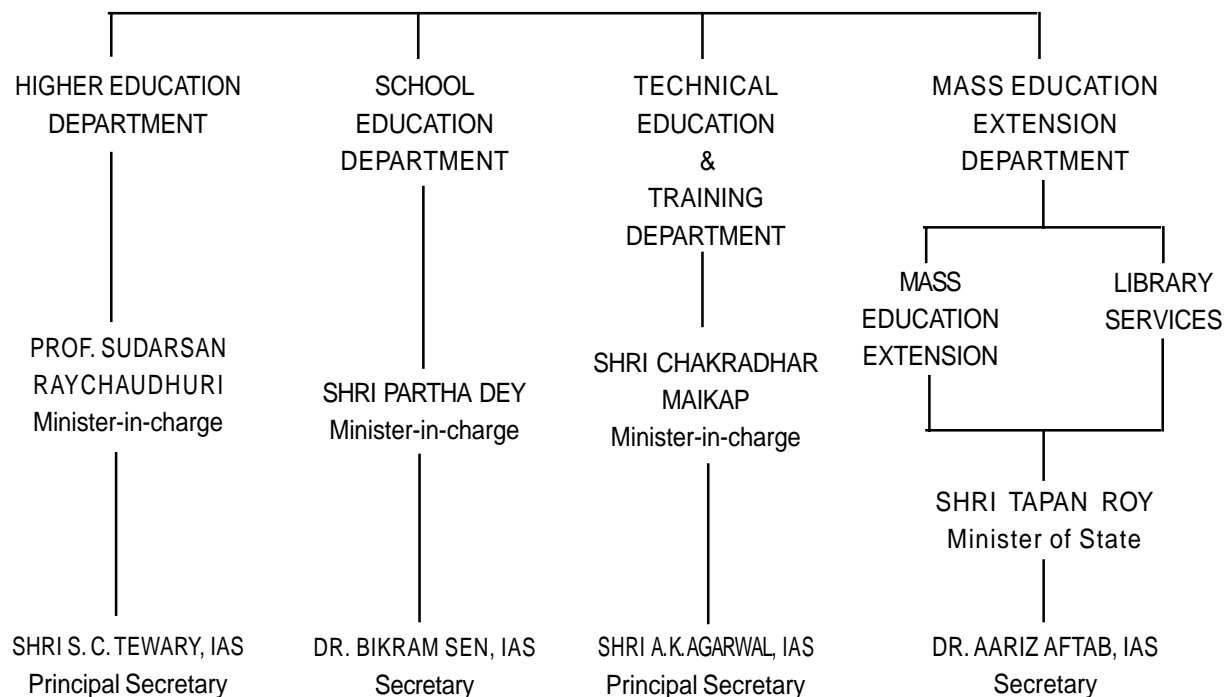
## ADMINISTRATIVE SET UP

<b>Vidyasagar University</b>	: PBX: 03222 60554
Vice-Chancellor	: (03222) 275329 Fax : (03222) 275329 (Kol R : 25771361)
Registrar	: (03222) 275-329 R – 03222-275297 (M) 9433312464
<b>West Bengal State University, Barasat</b>	: Ph : 03512226664, (M) 9831390267 Fax : 03512223664
<b>Gour Banga University, Malda</b>	: Ph : 03512-226664, (M) 9831390267 Fax : 03512223664
<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>	Mobile : 98302-16636 Telefax : 033-2654-9999
Vice-Chancellor	Mobile : 98302-16636, E-mail : rkmveri@gmail.com, atmapriyananda@gmail.com,
<b>Visva Bharati</b>	: (03463) 52751, 52756
Vice-Chancellor	: (03463) 252451/52481 Fax : (03463) 252672

## CHAPTER - 2

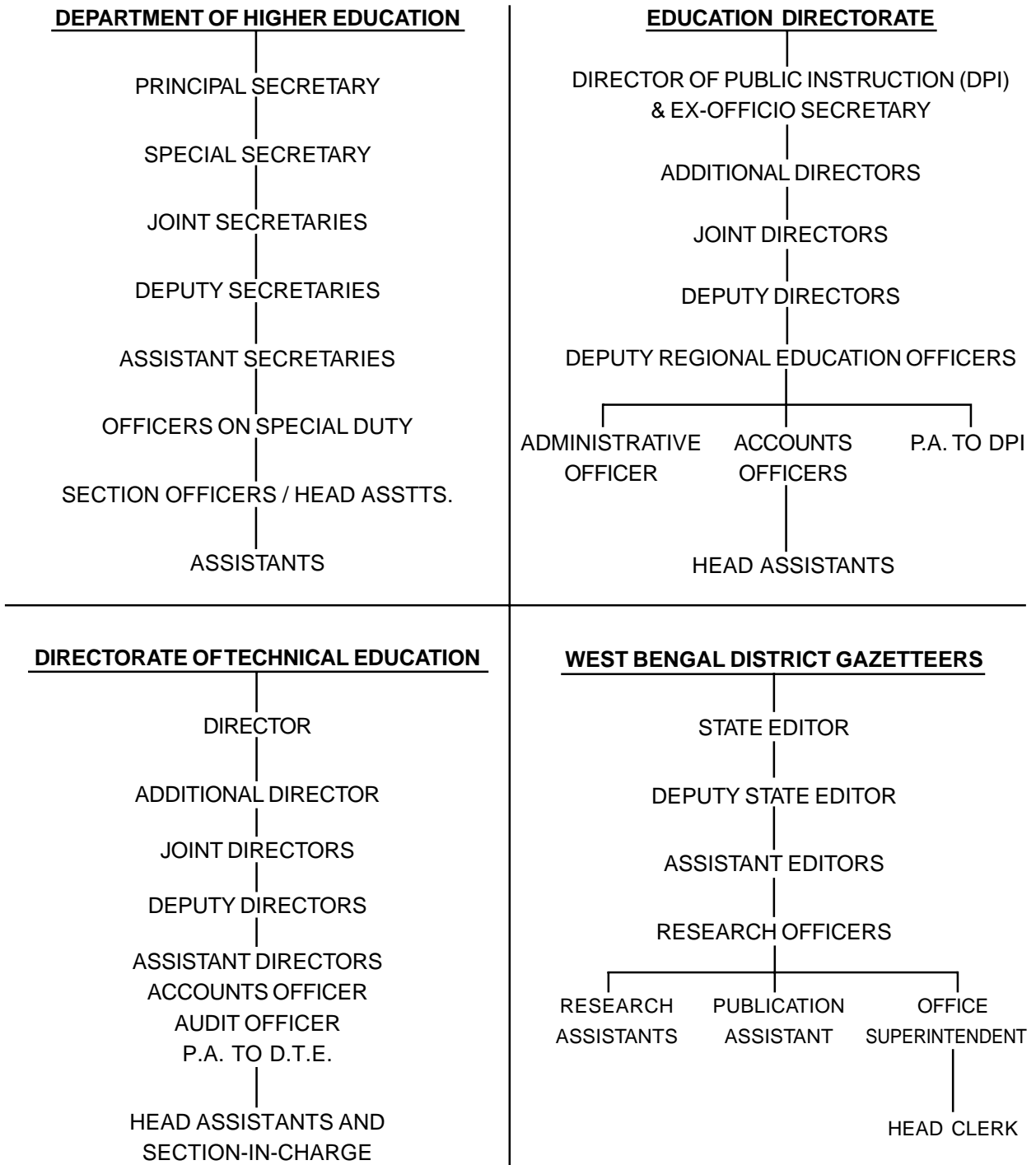
<b>Public Service Commission</b>	
Chairman	: 2466 0546/1540
Secretary	: 2466-2895
<b>State Minority Commission</b>	
Chairman	: 2439 8877/ Res. 2284 5437
<b>Indira Gandhi National Open University</b> (Regional Office) Bikash Bhaban, Salt Lake	: 2334-7576 Fax : 2334 9850
Director	: 2334-9850/7576
<b>UNIVERSITY GRANTS COMMISSION</b> <b>Eastern Regional Office</b>	: 2335-4767/ 2335-4768 / 0586 Website : www.ugc.sc.in
<b>Urdu Academy</b>	: 2244-8450

### EDUCATION IN GOVERNMENT OF WEST BENGAL

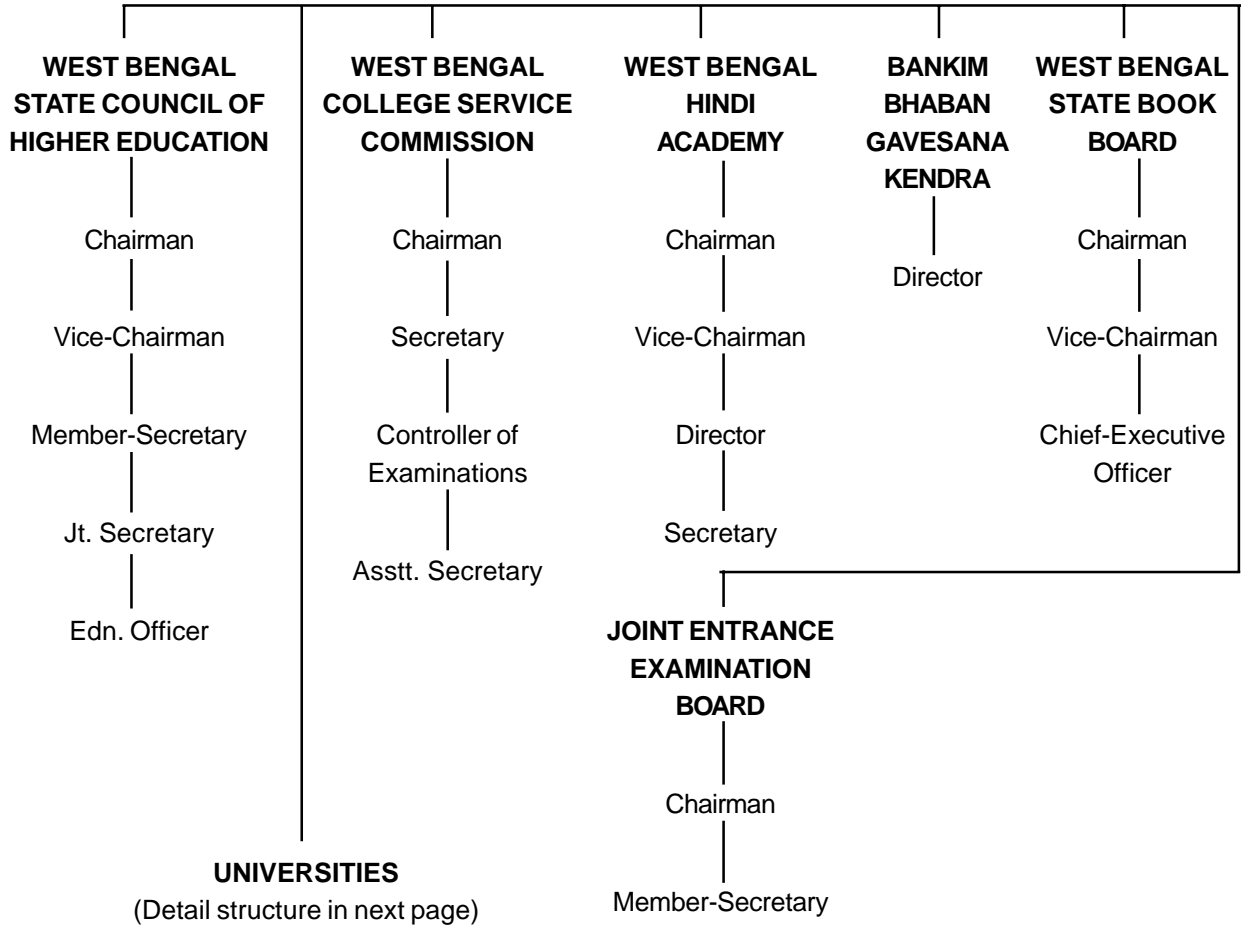


# ADMINISTRATIVE SET UP

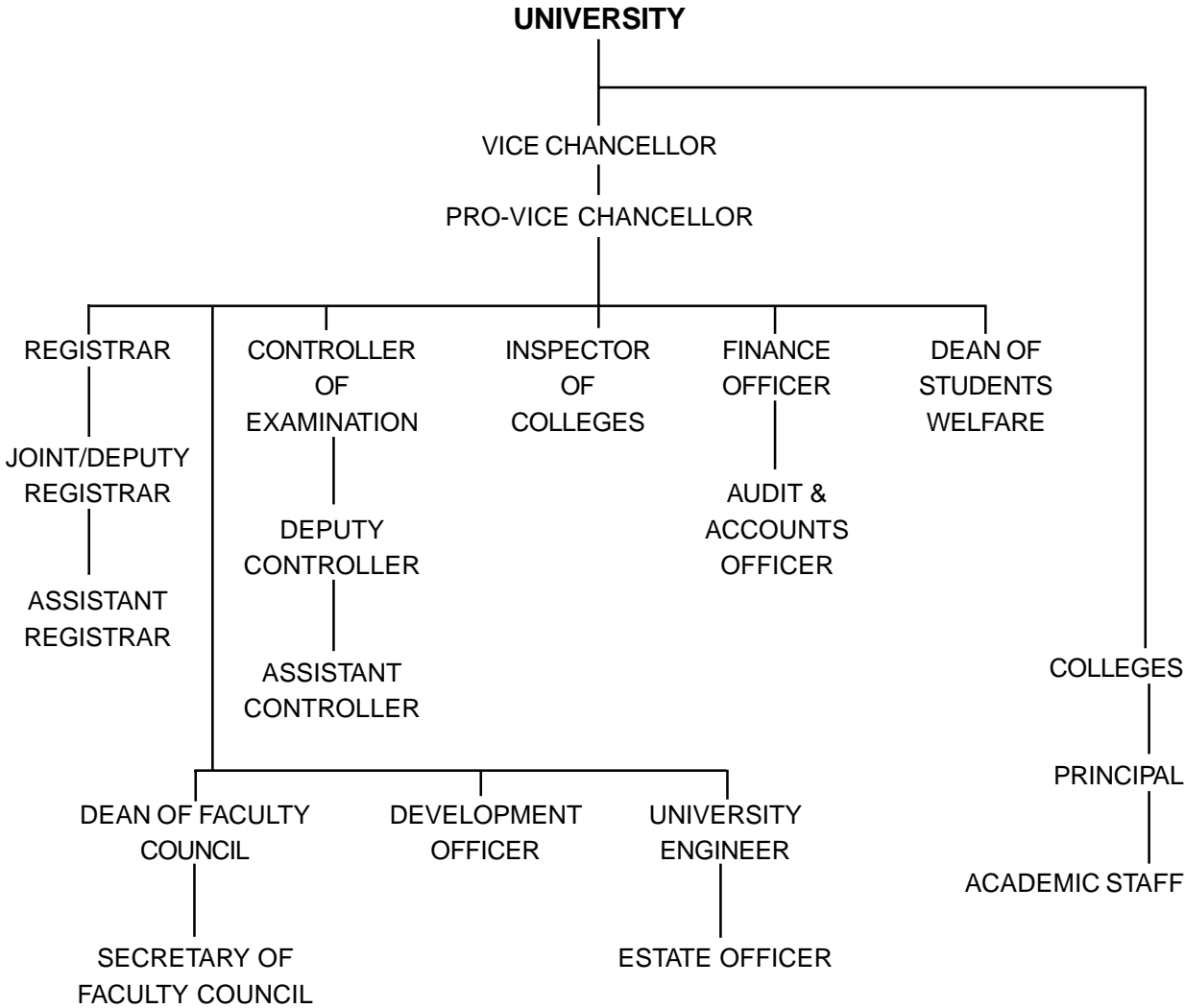
## ADMINISTRATIVE MANAGEMENT



**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 *Post Graduate courses in Different Colleges***
- 3.5 *Technical Education***
- 3.6 *University Education***
- 3.7 *Non-Government Colleges***
- 3.8 *Government Colleges***
- 3.9 *Measures for quality improvement of Higher Education***
- 3.10 *Scholarship and Stipend***
- 3.11 *Full and Half Free Studentship for the Engineering & Technology Students***



**MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR**

## 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 Siliguri has already been established. Substantial progress has been made in respect of other two colleges. The West Bengal State Council of Higher Education, established under West Bengal 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 1000 teaching posts (to be updated) in non-government colleges 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. For Qualitative improvement of technical education. 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 2009-2010 and 2010-2011 has been Rs. **17,33,83,60,000** and Rs. **19,43,75,78,000** out of which the amount provided in the Plan Budget was Rs. **1,49,00,00,000** and Rs. **2,00,00,00,000** respectively.

CHAPTER - 3

**TABLE 1 : BUDGET ESTIMATE (2009-2010) AND (2010-2011) OF THE DEPARTMENT OF HIGHER EDUCATION AT A GLANCE**

Amount in Rupees

Budget Heads	Budget Estimate 2009-2010		Budget Estimate 2010-2011	
	Non-Plan	State-Plan	Non-Plan	State-Plan
Assistance to Universities	6,62,47,88,000	58,78,00,000	7,25,93,56,000	76,75,90,000
Government Colleges and Institutes	1,18,63,56,000	19,55,00,000	1,33,24,02,000	19,90,00,000
Assistance to Non-Government Colleges	7,27,58,19,000	36,00,00,000	8,00,14,13,000	57,32,00,000
Institutes of higher learning and Other Expenditure	7,88,88,000	9,73,10,000	8,43,13,000	11,70,10,000
Promotion of Modern Indian Languages	62,74,000	40,40,000	64,77,000	34,30,000
Research, Scholarships, etc.	27,04,72,000	63,10,000	29,10,22,000	37,10,000
Technical Education	31,63,31,000	17,80,10,000	35,69,55,000	27,30,40,000
Physical Education & Youth Welfare (Excluding N.C.C.)	2,49,33,000	2,70,00,000	2,73,02,000	2,73,00,000
Promotion of Art and Culture	5,67,16,000	3,40,30,000	6,97,92,000	3,57,20,000
Surveys and Statistics-Gazetteer & Statistical Memories-4354-02-110-NP-002	77,83,000	NIL	85,46,000	NIL
<b>TOTAL</b>	<b>15,84,83,60,000</b>	<b>1,49,00,00,000</b>	<b>17,43,75,78,000</b>	<b>2,00,00,00,000</b>
<b>GRAND TOTAL (Non-Plan + Plan)</b>	<b>17,33,83,60,000</b>		<b>19,43,75,78,000</b>	

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

**TABLE 1(A): STATEMENT OF ANNUAL PLAN ALLOCATION FOR 2009-2010 AND EXPENDITURE INCURRED DURING 2009-2010**

Rs. in thousand

Head Account	Budget Estimate 2009-2010	Revised Estimate 2009-2010	Actual Expenditure 2009-2010
General Education (2202)	119,89,60	119,89,60	79,12,84
Technical Education (2203)	23,00,10	23,00,10	26,09,26
Sports & Youth Services (2204)	2,70,00	2,70,00	1,70,83
Art & Culture (2205)	3,40,30	3,40,30	2,67,77
<b>Total</b>	<b>149,00,00</b>	<b>149,00,00</b>	<b>109,60,70</b>

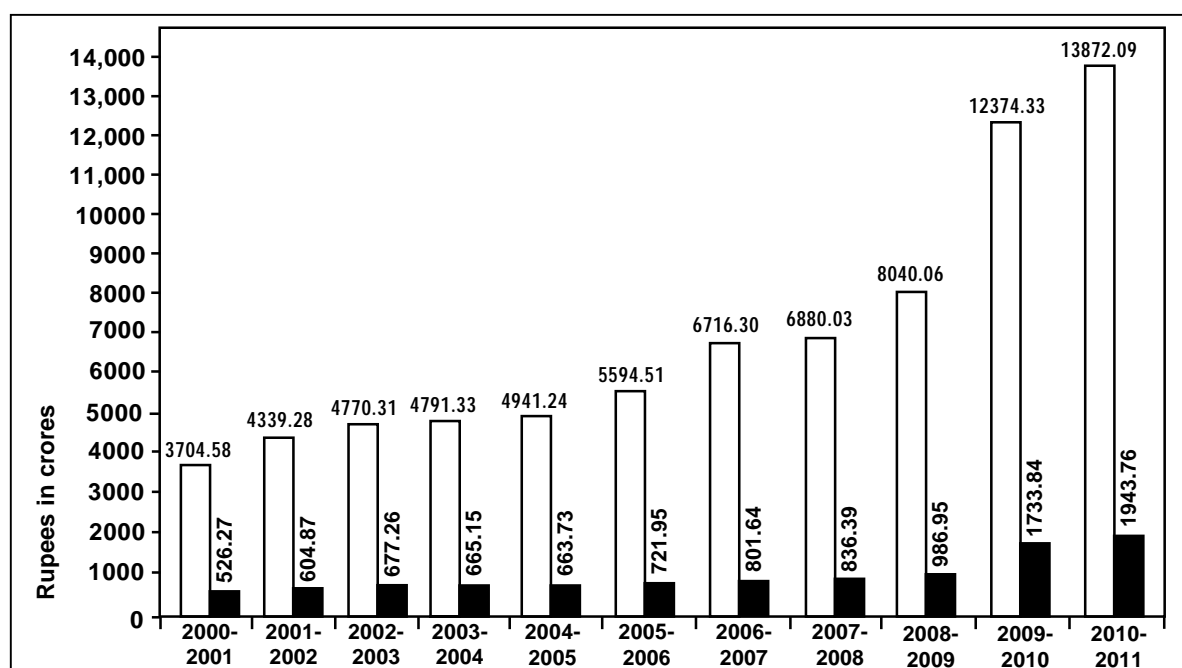
**TABLE 2 : TOTAL BUDGET ESTIMATE OF THE DEPARTMENT OF HIGHER EDUCATION THROUGH THE YEARS**

YEAR	AMOUNT IN RUPEES	
	NON-PLAN	STATE PLAN
1995-96	2,93,28,21,000	23,00,00,000
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 + 21 crore 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 crore 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
2008 -2009	8,68,45,01,000	1,18,50,00,000
2009-2010	15,94,03,46,000	1,49,00,00,000
2010-2011	17,80,73,06,000	2,00,00,00,000

**TABLE 3 : BUDGETARY POSITION OF HIGHER EDUCATION DEPARTMENT WITH REFERENCE TO THE TOTAL STATE BUDGET AND THE BUDGET FOR EDUCATION SINCE 2000-2001**  
(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
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%	
2008-2009	51537.73	8040.06	15.60%	986.95	12.28%	
2009-2010	72383.57	12374.33	17.09%	1733.84	14.01%	
2010-2011	77340.98	13872.09	17.94%	1943.76	14.01%	

**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 2009 -2010**

(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	17961.70	2488.93	13.86%	200.00	8.04%	
Non Plan Scheme	54421.87	9885.40	18.16%	1743.76	17.64%	
Grand Total	72383.57	12374.33	17.10%	1943.76	15.71%	

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

In (2009-10) session, the willingness to introduce PG courses in colleges is found to have greatly increased. Different colleges under CU, BU, KU & WBSU applied to the Council for recommendation. After through processing 16 colleges (11 new plus 5 already affiliated) have been permitted PG affiliations in various subjects, viz., Bengali, English, Santali, Commerce, Geography, Mathematics, Physics, Computer Sc. , Zoology and Physiology(List enclosed).

The Council has adopted a tentative policy to forward applications of those colleges where at least 5 regular whole-time teachers are found available in the departments (the no. becomes 6 for Lab-based subjects). The Council also urges the affiliating Universities to insist upon the prospective colleges to appoint further contractual full-time teachers (at least 3 for non-lab and 4 for Lab based subjects) for smooth running of the courses. The Contractual teachers should obviously be selected by the Committees having University expert nominees. In about 70 colleges (both Govt, and Govt, aided general degree colleges) at present PG Courses are being pursued in different disciplines. In most of the cases, the respective departments are found understaffed and as such largely dependent

## CHAPTER - 3

upon the external Guest Faculties and/or part timers. The Colleges in general suffer from shortage of space and have inadequate lab and library facilities. Further more, the PG Depts. of colleges under CU use to enjoy total autonomy while such Departments of the colleges under other universities are bound by Central academic control. Apart from the above, there are 10 other colleges which impart instructions on professional/semi-professional courses at PG level, e.g., Med/MPed, MVA, MSW etc.

### Subject /Course pursued at PG Level

University wise No of Colleges	Arts/ Commerce	Science	Professional / Semi Professional
CU-26 BU-17 WBSU-14 KU-05 VU-11 NBU-05 GBU-02	Bengali, English, Hindi, Santali, Sanskrit, History, Philosophy, Political Sc, Sociology, Education, Geography, Anthropology, Commerce, Applied Economics, Human Development	Chemistry, Physics, Mathematics, Computer Sc., Electronics, Zoology, Botany, Physiology, Env. Sc. System Mgmt., Mol. Biology & Genetics, Biochemistry, Biotechnology, Micro-Biology, Conservation Biology, Psychology, Nutrition, Geology	MEd, MPed, MVA, MSW, MBA, LLB
80	16	18	06

### PG Affiliations in (2009-10) session

1. **Asutosh College, Kolkata (CU)-Zoology; Geography**
2. **Serampore College, Hooghly (CU)-Zoology; Physiology**
3. **Shibpur Dinabandhu Institution(College), Howrah (CU)-Commerce**
4. **Pandit Raghunath Murmu Smriti Mahavidyalaya, Bankura (BU)-Santali**
5. **Manbhum Mahavidyalaya, Purulia (BU)-Santali**
6. **Acharya Prafulla Chandra College, North 24 Parganas (WBSU)-Physics & Computer Sc.**



## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

7. Rastraguru Surendranath College, North 24 Parganas (WBSU)- Geography
8. Gobardanga Hindu College, North 24 Parganas (WBSU)- Bengali
9. Mrinalini Dutta Mahavidyapith, North 24 Parganas (WBSU)- Bengali, Commerce
10. Bhairab Ganguly College, North 24 Parganas (WBSU)- English,Commerce
11. Dum Dum Motijheel College, North 24 Parganas (WBSU)- English, Mathematics
12. Rishi Bankim Chandra College, North 24 Parganas (WBSU)- English
13. Berhampore Girls' College, Murshidabad (KU)- Bengali
14. Sripat Singh College, Murshidabad (KU)- Bengali
15. Vidyasagar College, Kolkata (CU)- Geography
16. Vivekananda College for Women, 24 Parganas (S) (CU)- Geography

## POST-GRADUATE COURSES IN GENERAL DEGREE COLLEGES

Sl. No.	NAME OF COLLEGES WITH AFFILITING UNIVERSITY	SUBJECTS IN INTRODUCED 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, Mathematics, English
3.	Maulana Azad College	Zoology, Urdu, English

**CHAPTER - 3**

4.	Lady Brabourne College	Physics, English, Geography, Microbiology, Mathematics
5.	Goenka College of Comm. and Business Adm.	M.Com.
6.	Sanskrit College	Sanskrit
7.	Asutosh College, Kolkata	Environmental Science, Zoology, Geography
8.	Dinabandhu Andrews College	Zoology, Electronics
9.	Bangabasi College	Zoology
10.	Rammohan College	Physiology
11.	St. Xavier's College	Computer Sciences, Bio-Technology, Commerce
12.	Scottish Church College	Zoology, Chemistry, Botany
13.	R.K.M. Residential College, Narendrapur	Chemistry, Physics
14.	Vidyasagar College	Zoology, Geography
15.	Bijoygarh Jyotish Roy College	Microbiology
16.	Belur Ramkrishna Mission Vidyamandir	Mathematics, Sanskrit, Bengali, Psychology Food & Nutrition
17.	Fakir Chand College, Diamond Harbour	Education, Bengali
18.	Serampore College	Zoology, Physiology
19.	Sibpur Dinabandhu Institute(College)	Commerce
20.	Netaji Nagar Day College	Commerce
21.	David Hare Training College	M.Ed.
22.	Beharilal College of Home Science and Nutrition	Nutrition, Human Development
23.	Institute of Education for Women, Hastings House, Alipore	M.Ed.
24.	State Institute of Physical Education for Women, Hastings House, Alipore	M.P.Ed
25.	Govt. College of Art and Craft	Visual Arts (MVA)
26.	Vivekanda College for Women	Geography

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

<b>West Bengal State University</b>		
1.	Barasat Govt. College	Botany, Zoology, Bengali
2.	Bidhannagar College	Zoology, Microbiology
3.	Taki Govt. College	Bengali
4.	Rishi Bankim Chandra College, Naihati	Zoology, English
5.	A.P.C. College, New Barrackpore	Microbiology, Electronics, Chemistry, Physics, Computer Science
6.	Rastraguru Surendranath College, Barrackpore	Microbiology, Computer Sciences, Geography, M.Com, Food & Nutrition, Psychology
7.	Dinabandhu Mahavidyalaya	Bengali
8.	Sree Chaitanya College	Bengali, Chemistry, Anthropology
9.	Gobardanga Hindu College	Bengali
10.	Mrinalini Dutta Mahavidyapith	Bengali, Commerce
11.	Bhairab Ganguly College	English, Commerce
12.	Dum Dum Motijheel College	English, Mathematics
13.	Ram Krishna Mission Vivekananda Centenary College	Chemistry
14.	Post Graduate Training College for Physical Education, Banipur	Physical Education (M.P.Ed)
<b>Burdwan University</b>		
1.	Hooghly Mohsin College, Hooghly	Political Science, Physilogy, Commerce, English, Urdu
2.	Chandernagar College, Hooghly	Geography, Bengali, French
3.	Bankura Christian College	English, Bengali
4.	Durgapur Govt. College	Geology, Chemistry, Conservation Biology
5.	B.B. College, Asansol	Physics
6.	J.K. College Purulia	Mathematics
7.	Burdwan Raj College	Bengali
8.	Burdwan Vivekananda College	Chemistry
9.	Burdwan M.U.C College	English
10.	Durgapur College of Commerce & Science	Biochemistry

## CHAPTER - 3

11.	Manbhum Mahavidyalaya	Santali
12.	Pandit Raghu Nath Murmu Shriti Mahavidyalaya	Santali
13.	Suri Vidyasagar College	Zoology
14.	Ramanada College	Botany
15.	Netaji Mahavidyalaya	Bengali
16.	College of Art & Design	MVA
17.	Durgapur Law College	MSW
<b>Kalyani University</b>		
1.	Krishnagar Govt. College	Philosophy & Geography, Bengali
2.	Krishnanath College, Berhampur Murshidabad	Sericulture, Physiology, Sanskrit
3.	Kanchrapara College, Kanchrapara 24-Parganas (N)	Hindi
4.	Sripat Singh College	Bengali
5.	Berhampore Girls' College	Bengali
<b>North Bengal University</b>		
1.	A. B. N. Seal College	Bengali, Sanskrit, Zoology
2.	Darjeeling Govt. College, Darjeeling	Zoology, Botany, Nepali, English
3.	Raiganj College	Bengali
4.	Ananda Chandra College	Bengali
5.	St. Joseph's College	English
<b>Gour Banga University</b>		
1.	Malda College	English & History
2.	Balurghat College	Bengali & History
<b>Vidyasagar University</b>		
1.	Jhargram Raj College	Chemistry, Zoology, Bengali
2.	Raja N. L. Khan Women's College	Zoology
3.	Midnapore College	Physics, Chemistry

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

4.	Kharagpur College	Bengali
5.	Rabindra Satabarshiki Mahavidyalaya	Sanskrit, Bengali
6.	Prabhat Kumar College	Physics
7.	Tamralipta Mahavidyalaya	Bengali
8.	Panskura Banamali College	Chemistry, Computer Science
9.	Oriental Institute of Science & Technology	Bio-Chemistry, Bio-Technology
10.	AMIK Institute of Management	Master of Social Work
11.	Vidyasagar School of Social Work	Master of Social Work

### 3.5 TECHNICAL EDUCATION

11 (one) new Engineering College have been set up on self-financing basis in the academic session 2009-2010. Till 2009-10, total number of degree level Engineering & Technology Colleges is '83' (eighty-three) and the total intake capacity is '23854'. All these Colleges in the State are AICTE approved and affiliated by WBUT or other State Universities.

The State Government has taken a policy to encourage Private Institutions to introduce core disciplines (Civil, Electrical, Mechanical, etc.). Accordingly many such courses have been introduced. Two new PG courses have been introduced and NBA accreditation of four UG courses have been obtained for Jalpaiguri Engineering College.

For TEQIP Phase -I, total Project cost approved for this State by National Selection Committee under MHRD, Government of India, was Rs.147.097 crore which has been utilized properly. TEQIP Phase - I was started in January, 2005 and completed in June, 2009.

For TEQIP Phase -II, preparation for drafting of Institutional development proposals have been taken up by the intending Institutions in this State under the guidance of State Project facilitation Unit.

In 2009-2010, funds have been released for implementation of many projects, like horizontal extension of Chhatrinibas, extension work of Pritilata Chhatrinibas, etc. for Kalyani Govt. Engg. College, Kalyani, for construction of new building, special repair and revocation of dying machine room of chemistry room, textile lab., etc. for Govt. College of Engg. & Textile Technology, Berhampur, for construction of

## CHAPTER - 3

auditorium and guest house partially and also for acquisition of land for girls' hostel for Govt. College of Engg. & Textile Technology, Serampur, for Govt. College of Engineering & Ceramic Technology, Kolkata funds have been released for the projects like supply and installation of passenger elevator, civil work for modular lift, electrical installation works for auditorium, bituminous work for compound road, etc. during 2009-2010.

### BUDGET ALLOCATION AND FUND SANCTIONED UNDER THE HEAD OF ACCOUNT "2203-TECHNICAL EDUCATION" AND "4202-" OF ENGINEERING AND TECHNOLOGY COLLEGES DURING THE YEAR 2009-2010 (STATE PLAN)

Sl. No.	Name of the College	Major Head "2203-Tech. Edn"		Major Head "4202-"	
		Budget Provision (Rs.)	Amount Sanctioned (Rs.)	Budget Provision (Rs.)	Amount Sanctioned (Rs.)
1	Jalpaiguri Govt. Engineering College, Jalpaiguri	2,00,00,000	1,40,60,000	2,50,00,000	2,20,47,762
2	Kalyani Govt. Engineering College, Kalyani	1,40,00,000	1,02,64,610	1,80,00,000	1,47,28,743
3	College of Textile Technology, Serampore	80,00,000	74,66,593	2,00,00,000	6,60,04,759
4	College of Textile Technology, Berhampore	1,00,00,000	1,00,00,000	1,60,00,000	1,44,82,064
5	College of Ceramic Technology, Kolkata	50,00,000	46,14,121	55,00,000	41,25,000
6	College of Leather Technology, Kolkata	1,80,00,000	1,60,30,732	1,30,00,000	1,26,28,842
7	R.E. College Durgapur	10,000	NIL	—	—
8	Non-Government Engineering Colleges	15,00,000	NIL	—	—

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### 3.6 UNIVERSITY EDUCATION

The State Government has sanctioned a total sum of Rs. 31,62,68,000 Lakh in the Annual Plan to State-aided Universities during the financial year 2009-2010.

#### STATEMENT OF ACTUAL EXPENDITURE IN THE UNIVERSITIES (ANNUAL PLAN SCHEMES) DURING 2009-2010

(Rs. In lakh)

University	Year	Other Grants	Construction	Books and Journals	Total
Calcutta	2009-2010	–	–	90.00	90.00
Jadavpur	2009-2010	–	55.00	–	55.00
Kalyani	2009-2010	–	175.54	30.00	205.54
Burdwan	2009-2010	–	173.30	40.00	213.30
North Bengal	2009-2010	–	376.70	–	376.70
Rabindra Bharati	2009-2010	–	–	32.50	32.50
Vidyasagar	2009-2010	1.75	205.54	26.12	233.41
West Bengal State University	2009-2010	–	1000.00	–	1000.00
Gour Banga University	2009-2010	–	520.26	–	520.26
Netaji Subhas Open University	2009-2010	31.50	45.49	–	76.99
B.E. & Science University	2009-2010	156.48	–	–	156.48
W.B. University of Technology	2009-2010	–	202.50	–	202.50
<b>Total</b>	<b>2009-2010</b>	<b>189.73</b>	<b>2754.33</b>	<b>218.62</b>	<b>3162.68</b>

### 3.7 NON-GOVERNMENT COLLEGES

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** fund has been sanctioned in favour of Sarat Centenary College, Hooghly and Day Students Home for Girls' , Kolkata. Fund has also been released for construction of Library Building in favour of Gangarampur College, Dakshin Dinajpur, Mathabhanga College, Cooch Behar, Patrasayer Mahavidyalaya, Bankura and Sukumar Sengupta Mahavidyalaya, Paschim Medinipur, each of which are situated in an **SC Assembly Constituency**.

#### Girls' Hostel

- (2) Fund has been provided for completion of on-going schemes of **construction of Girls' Hostel** in favour of Debra Thana Sahid Kshudiram Smriti Mahavidyalaya, Paschim Medinipur, Shree R.K.B.T. College, Darjeeling, Siliguri B.Ed College, Darjeeling Tarakeswar Degree College, Hooghly; Sailajananda Falguni Smriti Mahavidyalaya, Birbhum. Krishnagar Women's College, Nadia and Nistarini College, Purulia have been sanctioned fund for repair of Hostel Building.

The financial assistance has been provided for construction of SC/ST Girls' Hostel in Ramsaday College, Howrah; Mahishadal Girls' College, Purba Medinipur; Santal Bidroha Sardha Satabarsiki Mahavidyalaya, Bankura; Bakura Zilla Saradamani Mahila Mahavidyalaya, Bankura; Patrasayer Mahavidyalaya, Bankura; Sukumar Sengupta Mahavidyalaya, Pachim Medinipur. The scheme of construction of Pipe-line for SC/ST Girls' Hostel has been undertaken in Raja N. L. Khan Women's College, Paschim Medinipur.

- (3) **Development of Colleges for Women** which have received financial assistance for repair of building, boundary wall, extension of Library Building in favour of R. K. Sarada Mission Vivekananda Vidya Bhavan, Kolkata; Vivekananda College for Women, Kolkata; Balurghat Mahila Mahavidyalaya, Dakshin Dinajpur; Basanti Devi College, Kolkata; P.D. Women's College, Jalpaiguri; Day Student's Home for Girls', Kolkata; Womens' College, Kolkata & Banipur Mahila Mahavidyalaya, North 24-Parganas.



## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

- (4) **Tribal Area – Sub-plan** : For development of Institutions situated in Tribal Area, fund has been sanctioned in favour of Saltora Netaji Centenary College, Bankura and Parimal Mitra Smriti Mahavidyalaya, Jalpaiguri.
- (5) **Development of non-Govt. Colleges** : During 2009-10, 64 (sixty four) new schemes and 55 (fifty-five) ongoing schemes have been undertaken and fund has been released 75% of estimated cost as 1<sup>st</sup> instalment for new schemes i.e. construction of Boys' Hostel, Science Building, Boundary Wall, Class rooms, Laboratory Building, Library Hall, internal road and repair of buildings.

The major schemes at an estimated cost of around Rs.40.00 lakh has been undertaken is Sukanta College, South 24-Parganas; Tarakeswar Degree College, Hooghly; South Calcutta Girls' College, Kolkata; Samsi College, Malda; Raidighi College, South 24-Parganas; Arambagh Girls' College, Hooghly; M.U.C Women's College, Burdwan; Buniadpur Mahavidyalaya, Dakshin Dinajpur; Kalinagar Mahavidyalaya, North 24-Parganas; Raja N. L. Khan Women's College, Paschim Medinipur; Jamini Mazumder Memorial College, Dakshindinajpur, Burdwan Raj College, Burdwan.

The Construction of new building at an estimated cost of Rs. 1.22 crore has been undertaken in Alipur Mahila Mahavidyalaya, Jalpaiguri.

The schemes at an estimated cost of around Rs.25.00 lakh have been sanctioned in 25 (twenty-five) Non-Govt. Colleges in different districts.

Funds have also been provided for holding XI-Inter Non Govt. College District and State level Athletic Meet and Football Championship, 2010 held at Yuba Bharati Krirangan and S.A.I. Complex, Salt Lake.

## CHAPTER - 3

### A. Non-Govt. Colleges Expenditure during the Financial Year 2009-10 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	70.00	46.66	23.34	
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	100.00	68.72	31.28	
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	80.00	36.00	44.00	
4.	<b>TASP</b> 2202-03-796-Tribal Areas Sub-Plan -004-Dev. of Non-Govt. Colleges [EH]-31-02	50.00	30.89	19.11	
<b>TOTAL :</b>		<b>300.00</b>	<b>182.27</b>	<b>117.73</b>	

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

### B. Non-Govt. Colleges Expenditure during the Financial Year 2009-10 under the Plan Heads

(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	25.00	16.29	8.71	
2.	2202-03-104-SP-(AP and 10th Plan)-002-Development of Non-Government Colleges-[EH]-31-02	20,00.00	14,48.13	5,51.87	
3.	2202-03-104-SP-(AP and 10th Plan)-003-Hostels for Girl Students-[EH]-31-02	75.00	54.78	20.22	
4.	2202-03-104- SP-(AP and 10th Plan)-004-Dev. of Colleges for Women-[EH]-31-02	1,00.00	74.04	25.96	
5.	2204-00-101- SP-(AP and 10th Plan)-021-Provision for Physical Education Facilities in Non-Govt. Colleges-[EH]-31-02	80.00	49.20	30.80	
	<b>TOTAL :</b>	<b>22,80.00</b>	<b>16,42.44</b>	<b>6,37.56</b>	

### 3.8 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  
Government Colleges during the financial year 2009-2010**

HEADS	AMOUNT (Rs.)	
	OTHER CHARGES	BUILDINGS
	STATE PLAN	STATE PLAN
Development of Presidency College	1,73,02,130.00	96,28,106.00
Development of Darjeeling Govt. College	60,00,000.00	41,34,144.00
Development of Hooghly Mohsin College	94,25,092.00	50,00,000.00
Development of 12-Other Govt. Colleges	2,75,22,190.00	2,87,09,439.50
Development of newly established Govt. Colleges	1,09,50,000.00	6,87,50,000.00
Development of Govt. Physical Education Colleges	49,19,747.00	92,87,638.00
Development of B.Ed. Colleges	.....	60,00,000.00
Development of B. T. Colleges	63,57,922.00	.....
Govt. College of Art & Craft	11,25,000.00	NIL
<b>TOTAL</b>	<b>8,36,02,081.00</b>	<b>13,15,09,327.50</b>

**Inter Govt. College Sports Competitions 2010**

XXI-Inter Govt. College Sports Competitions held on and from **3<sup>rd</sup> January to 10<sup>th</sup> January, 2010 at Yuba Bharati Krirangan and S.A.I. Complex, Salt Lake, Kolkata.**

### 3.9 MEASURES FOR QUALITY IMPROVEMENT OF HIGHER EDUCATION

#### A) NAAC Accreditation Status :

During this financial year, as a this financial year, as a result of very intense activities of the Cell, total number of accredited institutions at present stands at Accredited College / Dept: 249 (Art College-0); Tech. College - 02; Teacher Education College / Dept. - 15 General Degree College - 231

Number of accredited Universities : 07 (all excepting the newly emerged ones) By that time, 6 Universities in the State had also been creditably re-accredited.

## 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.

### 3.10 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 Block, 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 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 are sanctioned now for those students who came into the fold of this scholarship scheme before 2004-05.

#### Rates of National Scholarship :

Stage	Non-Boarder or Day Scholar	Boarder 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

**National Scholarship Sanction Figures in 2009-2010 :**

Budget – Head	Amount sanctioned	Number of Scholars awarded
(Plan) 2202-80-107-SP-001-V-34	Rs. 2,60,900/-	78

**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. For this scheme also, no fresh candidate can now apply. The scholarships are being released only for those candidates who came into the fold of this scheme between 2004 and 2006. While the sanction of scholarships for the candidates from 2004-05 and 2005-06 years is progressing smoothly, that for the candidates from 2006-07 year is held up for unavoidable reasons. It is hoped that the problem will be sorted out soon.

**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 2009-2010**

Budget – Head	Amount sanctioned	Number of Scholars awarded
2202-80-107-CS-Centrally Sponsored (New Scheme)-002-V-31-02	Rs. 12,50,000/-	120

## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

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

This covers two types of financial assistance : (i) General Stipend, and (ii) Ad-hoc grant. Funding is entirely from the State Government Exchequer.

D.P.I. Special Stipends (General Stipend) have been traditionally used to be given to those Madhyamik-passed / graduation-passed students who had 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 she/he 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)

Because the rate per month for this stipend is quite low and because the State Government has introduced a much more attractive scholarship scheme, called the W.B. Govt. Merit-cum-Means Scholarship Scheme, w.e.f. the 2006-07 academic year, the D.P.I Special Stipend Scheme is fast losing its relevance for the students. Either the rate and quota for the scheme have to be revised and rationalised soon, or the scheme may be withdrawn altogether. The decision may be taken shortly.

The other category of D.P.I. Special Stipend, called Ad-hoc Grant, is given to four institutions in the state if they apply in time – (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 their most needy and meritorious students.

**D.P.I. Special Stipend Sanction Figures in 2009 – 2010 :**

Type of Stipend	Budget – Head	Amount Sanctioned	Number of Scholars awarded
D.P.I. Spl. Stipend (General Stipend)	2202-80-107-NP-001-V-31-02	Rs. 27,120/-	43
D.P.I. Spl. Stipend (Ad-hoc Grant)	2202-80-107-NP-002-V-31-02	Rs. 1,00,000/-	104 (distributed among the three eligible institutions)

**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

**Sanction Figures for Hindi Scholarship in 2009 – 2010 :**

Budget – Head (Non-Plan- Developmental)	Amount sanctioned	Number of Scholars awarded
2202-05-200-ND-001-V-50	Rs. 7,00,000/-	192



## MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

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

The State Government has introduced from the academic year 2008-2009 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>

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)

## CHAPTER - 3

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 2009-10 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%.

**Performance report since the academic year 2006-2007 is produced below :**

Sl. No.	Academic year	Target	No valid application received	No. of renewal cases	Total	No. of scholarship awarded	Amount expended	Remarks
1.	2006-07	3700	1321	Nil	1321	1321	1,13,94,750	
2.	2007-08	3700	7135	1321	8456	8158	7,49,09,600	
3.	2008-09	3700	8800	7366	16166	13292	12,97,52,150	
4.	2009-10	3700	13789	10,081	23870	2995	25604100	
			31045	18768	49813	25766	241660600	

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

### **3.11 FULL AND HALF FREE STUDENTSHIP FOR THE ENGINEERING & TECHNOLOGY STUDENTS :**

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 asked to extend such facilities to the possible extent.

## CHAPTER – 4

### ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

- 4.1 *Introduction*
- 4.2 *Expansion in Degree Level Engineering & Technology Education*
- 4.3 *Expansion in Management Education*
- 4.4 *Expansion in Master of Computer Application (MCA) Education*
- 4.5 *Status of NBA Accreditation of Different Engineering & Technology Colleges*
- 4.6 *State Government Fund Sanctioned and released*
- 4.7 *Lateral Entry Scheme*
- 4.8 *Financial Assistance to Poor & Meritorious Students Studying in Engineering & Technology Colleges*
- 4.9 *Significant Policies Adopted for Effective Governance of Private Self- Financing Institutions*
- 4.10 *Significant Policies Adopted for Good Governance of Government Engineering & Technology Colleges*
- 4.11 *Prohibition of Ragging and RTI Act, 2005*
- 4.12 *Major Activities and Achievements*
- 4.13 *Introduction of new courses in Private Engineering & Technology Colleges*
- 4.14 *Performance in different competitive Examination like GATE, CAT*
- 4.15 *Technical Education Quality Improvement Programme (TEQIP)*

**ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION**

## CHAPTER – 4

### ENGINEERING TECHNOLOGY AND MANAGEMENT EDUCATION

#### 4.1 INTRODUCTION:

The State of West Bengal has a very rich heritage of education and culture. All the Nobel Laureates of our country have worked in this State. The higher social values for intellectual inputs and creativity prevail in the State. The large manpower of the State, willing to undertake technical education, is one of its great strengths. The government initiative acts synergistically for the rapid growth of technical education. Cheaper cost of study per student as compared to other states is also a positive side. The consciousness of the people too is very conducive for technical education. The quality conscious and judicious consumers of the state in turn place demands for quality technocrats willing to combat the challenges of the new millennium.

With this background, the State of West Bengal is marching forward towards the expansion of Higher Education in engineering & technology and also in management education. More specifically, in the last ten years, the growth rate in Higher Technical Education in West Bengal has remarkably improved, particularly in the emerging areas like information technology, computer science and engineering, electronics and communication engineering, etc. following the need of the hour.

#### 4.2 EXPANSION IN DEGREE LEVEL ENGINEERING & TECHNOLOGY EDUCATION IN THE STATE :

In 1947-48, there were only 3 (three) Engineering Colleges in West Bengal with an intake capacity of only '320' students. From 1948-1961 the growth of Technical Education in the State was satisfactory as the number of Colleges increased from 3 to 12 and the intake capacity increased from '320' to '1452'. But after 1961 till 1994 i.e. for more than three decades, there were no further expansion of degree level Engineering Education. It was in the 1995 i.e. the later part of 8<sup>th</sup> Plan Period (1992-93 to 1996-97) that a new Government Engineering College in the name of Kalyani Engineering College (renamed as Kalyani Government Engineering College at present) was established at Kalyani in Nadia District.

The 8<sup>th</sup> Plan Period ended with establishment of another Engineering College under private initiative at Haldia in the name of 'Haldia Institute of Technology'. Till the end of the 8<sup>th</sup> Plan Period the intake

## **ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION**

capacity for degree level Engineering & Technology was '1652'.

Eventually, the growth rate of degree level education in Engineering & Technology has been accelerated throughout 9<sup>th</sup> Plan Period (i.e. from 1997-98 to 2001-02) and 10<sup>th</sup> Plan Period (i.e. 2002-03 to 2006-07) and the same is still in progress in the 11<sup>th</sup> Plan Period (i.e.2007-08 to 2011-12). In 2009-10, the total number of degree level Engineering & Technology the Colleges is '83' and the total intake capacity is '23854'. All these Colleges in the State are AICTE approved and affiliated by WBUT or other State Universities.

In the University/University Departments and Government Engineering & Technology Colleges students are admitted only through a Common Entrance Examination (JEM) conducted by West Bengal Joint Entrance Examination's Board. In the Self-financing Engineering & Technology Colleges of this State besides JEM, 10% seats are filled up out of the merit listed candidates of AIEEE conducted by CBSE. Moreover, in those Self-financing Engineering & Technology Colleges 10% seats are filled up through Management Quota.

## CHAPTER - 4

### 4.2.1 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	07-08	08-09	09-10	Total
<b>A. University / University Departments</b>																	
<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), (Deemed University in 1992, University since 2004)</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	120
Metallurgical Engineering	35								-5							30	60
Mining Engineering	30																30
<i>Institution Total (Year wise)</i>	<i>367</i>						<i>60</i>		<i>-23</i>	<i>70</i>						<i>90</i>	<i>564</i>
<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
Applied Electronics & Instrumentation Engineering	20																20
Electronics & Tele-Communication Engineering	50					10											60
Information Technology							40				20			-20			40



## 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	08-09	09-10	Total
Instrumentation Engineering	20										20						40
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					30											60
Food Technology														20			20
<b>Institution Total (Year wise)</b>	<b>670</b>					<b>150</b>	<b>40</b>				<b>40</b>						<b>900</b>
<b>3. University Science Instrumentation Centre, Kalyani University, Kalyani, Nadia, Pin-741 235 Ph : (033) 2582-6680 / 1039 Fax : (033) 2582-6680 (Year of Establishment 1999)</b>																	
Applied Electronics & Instrumentation Engineering						40											40
Information Technology						40											40
<b>Institution Total (Year wise)</b>						<b>80</b>											<b>80</b>
<b>4. University Institute of Technology, Burdwan University, P.O.- Rajbati, Dist- Burdwan, Pin- 713 104 Pin-713 104 Ph : (0342) 2557-8000 / 561-016 Fax : (0342) 2564452 (Year of Establishment- 2000)</b>																	
Applied Electronics & Instrumentation Engineering										30	30						60
Computer Science & Engg.						40	20										60
Electronic & Communication Engineering						40	20										60
Information Technology						40		20									60
Civil Engineering															60		60
Electrical Electronics Engineering															60		60
<b>Institution Total (Year wise)</b>						<b>120</b>	<b>40</b>	<b>20</b>	<b>30</b>	<b>30</b>					<b>120</b>		<b>360</b>
<b>5. West Bengal University of Technology, BF-142, Sector-I Salt Lake, Kolkata-700 064 Ph : 2321-7578 / 8771 / 0731/1327 Fax : 2321-0832 (Year of Establishment -2001)</b>																	
Information Technology							70								-40		30

## 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>07-08</b>	<b>08-09</b>	<b>09-10</b>	<b>Total</b>
Computer Science & Engg.														30			30
<i>Institution Total (Year wise)</i>							70							-10			60
<b>B. Government Engineering &amp; Technology Colleges</b>																	
<b>1. Government College of Engineering and Leather Technology, 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>																	
Computer Science & Engineering							40					-40		40			40
Information Technology							40					-40		40			40
Leather & Footwear Technology	30																30
<i>Institution Total (Year wise)</i>	30						80					-80		80			110
<b>2. 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>																	
Computer Science & Engineering								40	-10								30
Information Technology							40		-10								30
Textile Technology	30																30
Apparel Production Management														30			30
<i>Institution Total (Year wise)</i>	30						40	40	-20					30			120
<b>3. 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>																	
Computer Science & Engineering								40									40
Textile Technology	30																30
<i>Institution Total (Year wise)</i>	30							40									70
<b>4. Jalpaiguri Govt. Engg. College, Jalpaiguri, Pin-735102 (A State Govt. Institute) Phone -(03561) 255130, Fax : (03561) 255131 (Year of Establishment-1961)</b>																	
Civil Engineering	45					15											60
Computer Science & Engineering							40					20					60
Electrical Engineering	45				15												60
Electronics & Communication Engineering							40					20					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	07-08	08-09	09-10	Total
Information Technology								40				20					60
Mechanical Engineering	60																60
<b><i>Institution Total (Year wise)</i></b>	<b>150</b>				15	15	80	40				60					<b>360</b>
<b>5. Government College of Engineering and Ceramic Technology, 73, A.C Banerjee Rd. Calcutta-700010</b> <b>(A State Govt. Institution) Ph: (033) 2350 1264/7311 Established as an Institute in 1941.</b> <b>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><i>Institution Total (Year wise)</i></b>	<b>40</b>						<b>40</b>	<b>40</b>									<b>120</b>
<b>6. Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute)</b> <b>Ph: (033) 2582-6680/1309 Fax : (033) 2582 1309, (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><i>Institution Total (Year wise)</i></b>		<b>90</b>	<b>20</b>		<b>70</b>		<b>40</b>					<b>80</b>					<b>300</b>
<b>7. Institute of Jute Technology, 35, Ballygunge Circular Road, Kolkata-700 019</b> <b>A Central Govt. Aided Institution under Ministry of Textile, Govt. of India</b> <b>Ph: (033) 2475-1985 / 2476-1166 Fax : 0343-2545718, (Year of Establishment-2000)</b>																	
Jute & Fibre Technology															20		20
Jute Technology															20		20
<b><i>Institution Total (Year wise)</i></b>															<b>40</b>		<b>40</b>
<b>C. Self Financing Engineering &amp; Technology Colleges</b>																	
<b>1. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia,</b> <b>Dist.: Purba Medinipur, Pin.-721657 (Private Institute), Ph: (03224) 52800, Fax : (03224) 52900</b> <b>(Year of Establishment-1996)</b>																	
Bio-Technology.								40			20		60	-60			60

## CHAPTER - 4

<b>B.E./B.Tech (Post Higher Secondary)</b>	<b>Upto</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>07-08</b>	<b>08-09</b>	<b>09-10</b>	<b>Total</b>
Chemical Engineering			30		30												60
Civil Engineering											60		60	-60			60
Computer Science & Engineering			30	30										60			120
Electrical Engineering									40		20						60
Electronics & Communication Engineering				30			30							60			120
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><i>Institution Total (Year wise)</i></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>0</b>			<b>820</b>
<b>2. Institute of Engineering &amp; Management, Salt Lake, Y-12, Sector - V, Electronics Complex, Kolkata-700091 (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											30		90
Information & Multimedia Technology						60									30		90
<b><i>Institution Total (Year wise)</i></b>				<b>60</b>		<b>60</b>	<b>90</b>								<b>60</b>		<b>270</b>
<b>3. Bankura Unnayani Institute of Engineering, P.O.-Bhagabandh, P.S. &amp; Dist. - Bankura, Pin-722146 (Private Institute) Ph : (03242) 255855/ 255955, Fax : (03242)03242-255955 (Year of Establishment-1998)</b>																	
Computer Science & Engineering				60													60
Electronics & Communication Engineering				60													60
Applied Electronics & Instt. Engg				60													60
Information Technology							40		20								60
Electrical Engineering													60				60
<b><i>Institution Total (Year wise)</i></b>				<b>180</b>			<b>40</b>		<b>20</b>				<b>60</b>				<b>300</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	08-09	09-10	Total
<b>4. 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>																	
Computer Science & Engg.					40	20											60
Electronics & Communication Engg					40		20										60
Information Technology							30	10	20								60
Electrical Engg																30	30
<b><i>Institution Total (Year wise)</i></b>					<b>80</b>	<b>20</b>	<b>50</b>	<b>10</b>	<b>20</b>							<b>30</b>	<b>210</b>
<b>5. College of Engineering &amp; Management, Kolaghat KTPP Township P.S Mecheda, Dist.: Purba Medinipur, Pin: 721171 (Private Institute), Ph : (03228) 250971/249443 Fax : (03228) 250880, (Year of Establishment-1998)</b>																	
Computer Science & Engineering					40	20											60
Electrical Engineering					40				20								60
Applied Electronics & Instrumentation Engineering					40	20											60
Information Technology					40				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>
<b>6. Asansol Engineering College, Sen Releigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341) 251426 / 252108, Fax : (0341) 2253056 / 2254248, (Year of Establishment-1998)</b>																	
Computer Science & Engineering					60			30								30	120
Electrical Engineering					60				30								90
Electronics & Communication Engineering					60				30							30	120
Information Technology					60			30		-30					30		90
Applied Electronics & Instrumentation Engineering									40	20							60
Mechanical Engineering										30					30		60
<b><i>Institution Total (Year wise)</i></b>					<b>240</b>			<b>60</b>	<b>100</b>	<b>20</b>					<b>60</b>	<b>60</b>	<b>540</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	07-08	08-09	09-10	Total
<b>7. 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>8. B. P. Poddar Institute of Management &amp; Technology, 137, V.I.P. Road (Mondal Ghanti) Kolkata - 700052, (Private Institute), Ph: (033) 2573 9607 / 9608 / 9609 / 9610, Fax : 033-2573-9401 (Year of Establishment-1999)</b>																	
Computer Science & Engineering						60								60			120
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>60</b>			<b>360</b>
<b>9. MCKV Institute of Engineering, 243, G.T. Road (North), Liluah, Howrah-711204 (Private Institute) Ph : (033) 2654 9315 / 16 / 17 / 18, Fax : 2242-5487, (Year of Establishment-1999)</b>																	
Automobile Engineering										60							60
Computer Science & Engineering						60		30	-30								60
Electronics & Communication Engineering						60		30	-30								60
Information Technology						60		30	-30								60
Mechanical Engineering															60		60
<b>Institution Total (Year wise)</b>						<b>180</b>		<b>90</b>	<b>-90</b>	<b>60</b>					<b>60</b>		<b>300</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	08-09	09-10	Total
<b>10. RCC Institute of Information Technology, College of Leather Technology, (Old Campus), Canal South Road, Belegkata, Kolkata- 700015 , (A Govt. aided Institute ) Ph : (033) 2216-1463 / 1400,2323-1534, Fax : (033) 2323-8003 (Year of Establishment - 1999)</b>																	
Computer Science & Engineering						60											60
Information Technology						60											60
Electronics & Communication Engineering													60				60
Electrical Engg																60	60
<i>Institution Total (Year wise)</i>						120							60			60	240
<b>11. 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		120
Information Technology								40					20				60
Mechanical Engineering						60											60
Civil Engineering													60				60
<i>Institution Total (Year wise)</i>						240		40					80		60		420
<b>12. 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	120
Electronics & Communication Engineering						60								30			90
Information Technology						60											60
Instrumentation Engineering						60											60
<i>Institution Total (Year wise)</i>						300			30	30				0		60	420

## 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	07-08	08-09	09-10	Total
<b>13. 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								30			90
Electrical Engineering						60											60
Electronics & Communication Engineering								60						30			90
Applied Electronics & Instrumentation Engineering						60											60
Information Technology						60											60
<i>Institution Total (Year wise)</i>						<b>240</b>			<b>60</b>	<b>30</b>	<b>30</b>			<b>60</b>			<b>420</b>
<b>14. 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
<i>Institution Total (Year wise)</i>						<b>180</b>			<b>30</b>								<b>210</b>
<b>15. 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>																	
Computer Science & Engineering						60											60
Electrical Engineering						60											60
Electronics & Communication Engineering						60											60
Information Technology						60											60
<i>Institution Total (Year wise)</i>						<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	08-09	09-10	Total
<b>16. 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								30	120
Electrical Engineering							60									30	90
Electronics & Communication Engineering							60							30	30		120
Applied Electronics & Instrumentation Engineering									40			20					60
Information Technology							60	30									90
Mechanical Engg.																60	60
<b><i>Institution Total (Year wise)</i></b>							<b>240</b>	<b>60</b>	<b>40</b>	<b>30</b>		<b>50</b>		<b>30</b>	<b>90</b>	<b>60</b>	<b>600</b>
<b>17. Dumkal Institute of Engineering &amp; Technology, Mouza Ramna, Etbar Nagar, Basantapur,</b> <b>P.O.: Dumkal, Dist.: Murshidabad, Pin : 742303. (Private Institute), Ph. : (03481) - 230033/230040</b> <b>Fax : (03481) - 231188, (Year of Establishment-2001)</b>																	
Computer Science & Engineering								60									60
Electronics & Communication Engineering								60									60
Applied Electronics & Instrumentation Engineering								60									60
Information Technology								60									60
Electrical Engineering													60				60
<b><i>Institution Total (Year wise)</i></b>								<b>240</b>					<b>60</b>				<b>300</b>
<b>18. Narula Institute of Technology, 81, Nilgunj Road, Agarpara, Kolkata - 700056. (Private Institute)</b> <b>(Year of Establishment-2001), Ph : 033-2563-7777/8880, 2583-7029</b>																	
Computer Science & Engineering								60						60			120
Electrical Engineering									60								60
Electronics & Communication 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>07-08</b>	<b>08-09</b>	<b>09-10</b>	<b>Total</b>
Information Technology								60									60
Civil Engineering														60			60
<i>Institution Total (Year wise)</i>								<b>180</b>	<b>60</b>					<b>120</b>	<b>60</b>		<b>420</b>
<b>19. 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							120
Information Technology								60									60
Applied Electronics & Instrumentation Engineering													60				60
<i>Institution Total (Year wise)</i>								<b>240</b>		<b>60</b>	<b>30</b>		<b>60</b>	<b>30</b>			<b>420</b>
<b>20. 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			120
Electronics & Communication Engineering								60						60			120
Information Technology								60								60	120
Civil Engineering															60		60
Mechanical Engineering															60		60
Electrical Engg																60	60
<i>Institution Total (Year wise)</i>								<b>240</b>		<b>30</b>	<b>90</b>			<b>120</b>	<b>120</b>	<b>120</b>	<b>720</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	08-09	09-10	Total
<b>21. Meghnad Saha Institute of Technology, Madurdaha, Behind Ruby Hospital, (Near NRI Complex) Kolkata - 700 039. (Private Institute) (Year of Establishment-2001) Ph. : 033-2443-1031/1033 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
<i>Institution Total (Year wise)</i>								<b>180</b>	<b>60</b>	<b>60</b>							<b>300</b>
<b>22. 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
Electronics & Communication Engineering								60					30				90
Applied Electronics & Instrumentation Engineering								60									60
Information Technology								60									60
<i>Institution Total (Year wise)</i>								<b>240</b>	<b>90</b>	<b>30</b>			<b>60</b>				<b>420</b>
<b>23. National Power Training Institute (ER) Michael Faraday St, City Center, Durgapur-713216. (Self-Financing Institute under the Ministry of Power, Govt. of India) (Year of Establishment 2002) Ph : (0343) 2545888 / 2546237, Fax : (0343) 2545888</b>																	
Power Plant Engineering									60								60
<i>Institution Total (Year wise)</i>									<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	07-08	08-09	09-10	Total
<b>24. Future Institute of Engineering &amp; Management, Ramkrishna Mission Pally, Kolkata-700 150. (Private Institute) Ph : 2434-5640/5615 Fax : 2434-5641 (Year of Establishment-2002)</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
Information Technology														60			60
<i>Institution Total (Year wise)</i>									240	60			60	60			420
<b>25. Institute of Technology &amp; Marine Engg., Vill-Jingha, P.O. Amira, P.S-Diamond Harbour, Dist-South 24 Parganas, W.B-743368 (Private Institute), (Year of Establishment-2002) Ph. : 033-245078/101, Fax : 033-245108</b>																	
Bio-Technology									30								30
Computer Science & Engineering									60								60
Electronics & Communication Engineering									60								60
Information Technology									30	30							60
Marine Engineering									60		20						80
<i>Institution Total (Year wise)</i>									240	30	20						290
<b>26. 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					30			90

## 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	08-09	09-10	Total
Information Technology									60								60
Mechanical Engineering											30		30				60
Production Engineering									60		-30						30
<i>Institution Total (Year wise)</i>									<b>240</b>	<b>30</b>	<b>0</b>		<b>60</b>	<b>30</b>			<b>360</b>
<b>27. Durgapur Institute of Advanced Tech. &amp; Management, G. T. Road, Rajbandh, Durgapur - 713212</b> <i>(Private Institute) (Year of Establishment-2002) Ph : (0343) 2520712, Fax : (0343) 2520713</i>																	
Chemical Engineering											60						60
Computer Science & Engineering									60		30						90
Electrical Engineering									60								60
Electronics & Communication Engineering									60		30						90
Information Technology									60								60
Mechanical Engineering															60		60
<i>Institution Total (Year wise)</i>									<b>240</b>		<b>120</b>				<b>60</b>		<b>420</b>
<b>28. Aryabhatta Institute of Engineering &amp; Management, Panagarh, Panagarh Bazar, Dist. Burdwan</b> <i>Pin-713148, (Private Institute) Year of Establishment-2003, Ph : (0343)2526415/416/417,</i> <i>Fax : (0343) 2526417</i>																	
Computer Sciecne & Engineering										60							60
Electronics & Communication Engineering										60							60
Electrical Engineering										60						30	90
Information Technology										60							60
Electrical & Electronic Engg.															60		60
Mechanical Engg																60	60
<i>Institution Total (Year wise)</i>										<b>240</b>					<b>60</b>	<b>90</b>	<b>300</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	07-08	08-09	09-10	Total
<b>29. Bengal Institute of Technology &amp; Management, Shriniketan Bypass, Gopal Nagar, P.O. Doranda, Birbhum-713148, (Private Institute) Year of Establishment-2003, Ph : (03463) 271354, Fax : (03463) 271353</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
Mechanical Engg.																60	60
<b>Institution Total (Year wise)</b>										<b>240</b>	<b>60</b>		<b>60</b>			<b>60</b>	<b>420</b>
<b>30. 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</b>																	
Computer Science & Engineering										60					60		120
Electronics & Communication Engineering										60							60
Applied Electronics & Instrumentation Engineering										60							60
Electrical Engineering										60							60
Food Technology													60				60
Information Technology														60			60
<b>Institution Total (Year wise)</b>										<b>240</b>			<b>60</b>	<b>60</b>	<b>60</b>		<b>420</b>
<b>31. Sarojmohan Institute of Technology, Guptipara, Dist.- Hooghly, Pin-712 512, (Private Institution) Year of Establishment-2003, Ph. (03213) 262201</b>																	
Computer Science & Engineering										60			30				90
Electronics & Communication Engineering										60						30	90
Electrical Engineering										60							60

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

<b>B.E./B.Tech (Post Higher Secondary)</b>	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	08-09	09-10	Total
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>30</b>	<b>420</b>
<b>32. 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>33. 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 & Control Engineering													60	-60	60		60
<b><i>Institution Total (Year wise)</i></b>										<b>240</b>			<b>60</b>	<b>-60</b>	<b>60</b>		<b>300</b>
<b>34. Academy of Technology, G. T. Road, P.O.: AEDCO - Nagar, Dist - Hooghly, Pin-712121</b> <b>Private Institution, Ph : 033-2684-2888, Fax : 033-2684-2888 (Year of Establishment-2003 )</b>																	
Computer Science & Engineering										60						30	90
Electronics & Communication Engineering										60						30	90
Electrical 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>07-08</b>	<b>08-09</b>	<b>09-10</b>	<b>Total</b>
Applied Electronics & Instrumentation Engineering										60							60
Instrumentation and Control Engineering											60					-60	0
Information Technology													60				60
Mechanical Engg																60	60
<i>Institution Total (Year wise)</i>									240	60		60				60	420
<b>35. Hooghly Engineering &amp; Technology College, C/o Hooghly Institute of Technology, Hooghly, P.O. &amp; Dist. : Hooghly, (Private Institute) Ph : 033-2680-1392/4121/5702, Fax : 033-2680--3026 Year of Establishment-2004</b>																	
Civil Engineering										60							60
Computer Science & Engineering										60							60
Electronics & Communication Engineering										60							60
Electrical Engineering										60							60
<i>Institution Total (Year wise)</i>										240							240
<b>36. Calcutta Institute of Technology, P.O. : Banitabla, P.S. : Uluberia, Dist. : Howrah-711 316, West Bengal (Private Institute) Ph : 2709-4367, 2661-2097, 3094-8176, Fax : 2661-0499/0736, Year of Establishment-2004</b>																	
Bio-Medical Engineering											60						60
Chemical Engineering											60					30	90
Computer Science & Engineering											60			60			120
Electronics & Communication Engineering											60			60			120
Information Technology													60		30		90
<i>Institution Total (Year wise)</i>											240		60	120	30	30	480



## 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	08-09	09-10	Total
<b>37. Techno India College of Technology, New Town, Kolkata-71, (Private Institute)</b> <b>Ph : 2226-4396/9785/2814/2337-6224, Fax : 2216-0814, Year of Establishment-2005</b>																	
Computer Science & Engineering												60				30	90
Information Technology												60					60
Electronics & Communication Engineering												60			30		90
Electrical Engineering												60					60
Applied Electronics & Instrumentation Engineering													60				60
<b><i>Institution Total (Year wise)</i></b>												<b>240</b>	<b>60</b>		<b>30</b>		<b>360</b>
<b>38. Seacom Engg. College, 31 No. 2 Jaladhulgari, Sankrail, Howrah, Phone : 2679-0480/0481/0482/0483, 2344-4044, Fax : 3430-9308 (City Office), (Year of Establishment-2006)</b>																	
Computer Sc. & Engineering													60				60
Electronics & Comm. Engg.													60			30	90
Electrical Engineering													60				60
Mechanical Engineering													60			30	90
Information Technology														60			60
Marine Engineering															60		60
<b><i>Institution Total (Year wise)</i></b>													<b>240</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>420</b>
<b>39. Dream Instt. of Technology, P.O.- Nahazari, Vill.- Samali, P.S.- Bishnupur, 24 Pgs. (S), Kolkata-700104, Phone : 2471-6796, 2573-4603, Fax : 2458-0244 (Year of Establishment-2006)</b>																	
Computer Sc. & Engineering													60				60
Electronics & Comm. Engg.													60		-5	5	60
Electrical Engineering													60		-2	2	60
Applied Electronics & Instrumentation Engineering													60				60
<b><i>Institution Total (Year wise)</i></b>													<b>240</b>		<b>-7</b>	<b>7</b>	<b>240</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	07-08	08-09	09-10	Total
<b>40. Institute of Science &amp; Technology, Dhurabila, Dhankuni, Chandrakona Town, Paschim Medinipur</b> <b>Pin-721201, Phone : (03225) 267288, (03432) 565504 Fax (03225) 266644 (Year of Establishment-2006)</b>																	
Computer Sc. & Engineering													60				60
Electronics & Comm. Engg.													60			30	90
Information Engineering													60				60
Applied Electronics & Instrumentation Engineering													60				60
Electrical & Electronics Engg.																30	30
<b>Institution Total (Year wise)</b>													<b>240</b>			<b>60</b>	<b>300</b>
<b>41. Camellia Institute of Technology, Digberia, P.S.- Madhyamgram, Kolkata-700129</b> <b>Ph : 033-6455-1145 / 1146 / 1660 (Year of Establishment-2007)</b>																	
Computer Sc. & Engineering													60				60
Electronics & Comm. Engg.													60				60
Information Engineering													60				60
Electrical & Electronics Engg.													60				60
Applied Electronics & Instrum. Engineering															60		60
<b>Institution Total (Year wise)</b>													<b>240</b>	<b>60</b>			<b>300</b>
<b>42. Camellia School of Engineering &amp; Technology, Nadibag, P.O.- Babu, Madhyamgram, Kolkata-700 129</b> <b>Ph : 033-324871/72 (Year of Establishment-2008)</b>																	
Computer Sc. & Engineering															60		60
Electronics & Comm. Engg.															60		60
Civil Engineering															60		60
InformationTechnology															60		60
Electrical Engg.																60	60
<b>Institution Total (Year wise)</b>															<b>240</b>	<b>60</b>	<b>300</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	08-09	09-10	Total
<b>43. IERCEM Institute of Information Technology, Banipur College Road, P.S.-Banipur, Dist-24 Parganas (North)</b> <b>Pin-743 233, Ph : (03216) 238138 (Year of Establishment-2008)</b>																	
Applied Electronics & Instru. Engineering															60		60
Computer Sc. & Engineering															60		60
Electronics & Comm. Engg.															60		60
Information Engineering															60		60
Electrical & Electronics Engg.																60	60
<b>Institution Total (Year wise)</b>															<b>240</b>	<b>60</b>	<b>300</b>
<b>44. Pailan College of Management &amp; Technology, Plot-2-6, Sector-I, Phase-II, Bengal Pailan Park, Amgachia Road, JOKA, Kolkata-700 104 Ph : 24535605/24978006 (Year of Establishment-2008)</b>																	
Computer Sc. & Engineering															60		60
Electronics & Comm. Engg.															60		60
Electrical & Electronics Engg.															60		60
Information Engineering															60		60
<b>Institution Total (Year wise)</b>															<b>240</b>		<b>240</b>
<b>45. ABACUS Institute of Engineering &amp; Management, Natungram, Mogra, Hooghly - 712 141, Ph : (03213) 202076, 9814748723 (M) (Year of Establishment-2008)</b>																	
Computer Sc. & Engineering															60		60
Electronics & Comm. Engg.															60		60
Applied Electronics & Instrum. Engineering															60		60
Information Technology															60		60
<b>Institution Total (Year wise)</b>															<b>240</b>		<b>240</b>
<b>46. ADAMS Institute of Technology, Barasat, Barrackpur Road under Khilkapur Gram Panchayat, P.S. - Barasat, Pin - 700 056, Ph : 25640604/4340 (Year of Establishment-2008)</b>																	
Computer Sc. & Engineering															60		60
Electronics & Comm. Engg.															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>07-08</b>	<b>08-09</b>	<b>09-10</b>	<b>Total</b>
Civil Engineering															60		60
Information Engineering															60		60
<i>Institution Total (Year wise)</i>															<b>240</b>		<b>240</b>
<b>47. Institute of Engineering &amp; Industrial Technology, Durgapur, Vill - Malandighi, P.O.- Kaksha-713 212</b>																	
<b>Ph : 2700082 / 83 / 85 (Year of Establishment-2008)</b>																	
Computer Sc. & Engineering															60		60
Electronics & Comm. Engg.															60		60
Electrical & Electronics Engineering															60		60
Information Engineering															60		60
<i>Institution Total (Year wise)</i>															<b>240</b>		<b>240</b>
<b>48. Kanad Institute of Engineering &amp; Management, Mankar, P.O.- Mankar, Dist.- Burdwan, Pin - 713 212</b>																	
<b>Ph : (0343) 2532606/2533189 (Year of Establishment-2008)</b>																	
Computer Sc. & Engineering															60		60
Electronics & Comm. Engg.															60		60
Electrical Engineering															60		60
Information Technology															60		60
Mechanical Engg																60	60
<i>Institution Total (Year wise)</i>															<b>240</b>	<b>60</b>	<b>300</b>
<b>49. Swami Vivekananda Institute of Science and Technology, Dakshin Gobindapur, P.S.- Sonarpur, Kolkata-700 145, Ph : 033-24379913 (Year of Establishment-2008)</b>																	
Computer Sc. & Engineering															60		60
Electronics & Comm. Engg.															60	-60	00
Electrical & Electronics Engg.															60		60
Information Technology																60	60
Mechanical Engineering															60		60
<i>Institution Total (Year wise)</i>															<b>240</b>	<b>0</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	08-09	09-10	Total
<b>50. Greater Kolkata College of Engineering &amp; Management, Dudhnai, Ramnagar II, P.S. - Baruipur, Dist.- 24 Parganas (South), Pin-743 302, Ph : 033-24305897 (Year of Establishment-2008)</b>																	
Computer Sc. & Engineering																60	60
Electronics & Comm. Engg.																60	60
Applied Electronics & Instrumn.Engineering																60	60
Information Technology																60	60
<i>Institution Total (Year wise)</i>																<b>240</b>	<b>240</b>
<b>51. Kingston Engineering College, Vill.-Berunapukursia, P.O.-Malikapur, Barasat, Dist. – 24 Parganas(North), Pin – 700 126, (Year of Establishment-2008).</b>																	
Comp. Sc. & Engg.																60	60
Electronics & Communication Engg.																60	60
Electrical Engg.																60	60
Information Technology																60	60
<i>Institution Total (Year wise)</i>																<b>240</b>	<b>240</b>
<b>52. Kanksa Academy of Technology &amp; Management, P.O. – Panagarh Bazar, Dist. – Burdwan, Pin – 713 148 (Year of Establishment – 2009).</b>																	
Comp. Sc. & Engg.																60	60
Electronics & Communication Engg.																60	60
Electrical Engg.																60	60
Information Technology																60	60
<i>Institution Total (Year wise)</i>																<b>240</b>	<b>240</b>
<b>53. Dr. Sudip Chandra Sur Degree Engineering College &amp; Sports Complex Campus, Mouza-Kalidaha, P.O.-Dum Dum , Pin – 700 074. (Year of Establishment-2009).</b>																	
Comp. Sc. & Engg.																60	60
Electronics & Communication Engg.																60	60
Automobile Engg.																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>07-08</b>	<b>08-09</b>	<b>09-10</b>	<b>Total</b>
Mechanical Engg.																60	60
<i>Institution Total (Year wise)</i>																<b>240</b>	<b>240</b>
<b>54. Budge Budge Institute of Technology, Nischintapur, Budge Budge, 24 Parganas(South), Pin – 700 137. (Year of Establishment – 2009)</b>																	
Comp. Sc. & Engg.																60	60
Electronics & Communication Engg.																60	60
Civil Engg.																60	60
Electrical Engg.																60	60
<i>Institution Total (Year wise)</i>																<b>240</b>	<b>240</b>
<b>55. Camellia Institute of Technology &amp; Management, Halder Dighi, G.T. Road, Bainchi, Dist. – Hooghly, Pin – 712 134 (Year of Establishment-2009).</b>																	
Comp. Sc. & Engg.																60	60
Electronics & Communication Engg.																60	60
Mechanical Engg.																60	60
Electrical Engg.																60	60
<i>Institution Total (Year wise)</i>																<b>240</b>	<b>240</b>
<b>56. Techno Global, Bakurghat, Mangalpur, Near Dist. Jail, P.O. – Beltala, P.S. Balurghat, Dist. – South Dinazpur, Pin – 733 103 (Year of Establishment-2009).</b>																	
Comp. Sc. & Engg.																60	60
Electronics & Communication Engg.																60	60
Information Technology																60	60
Electrical Engg.																60	60
<i>Institution Total (Year wise)</i>																<b>240</b>	<b>240</b>
<b>57. Supreme Knowledge Foundation Group of Institutions – Integrated Campus, 1, Khan Road, P.O. – Mankundu, Dist. – Hooghly, Pin – 712 139 (Year of Establishment-2009).</b>																	
Comp. Sc. & Engineering																60	60
Electronics & Communication Engg.																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	07-08	08-09	09-10	Total
Applied Electronics & Instrumentation Engg.																60	60
Electrical Engg.																60	60
<i>Institution Total (Year wise)</i>																240	240
<b>58. Bengal College of Engineering &amp; Technology for Women, Shilpa Kanan Road, Bidhan Nagar, Durgapur, Dist. – Burdwan, Pin – 713 212 (Year of Establishment – 2009).</b>																	
Comp. Sc. & Engg.																90	90
Electronics & Communication Engg.																90	90
Information Technology																60	60
Electrical Engg.																60	60
<i>Institution Total (Year wise)</i>																300	300
<b>59. Global Institute of Management &amp; Technology, Paul Para More, NH-34, Krishna Nagar. Dist. – Nadia, Pin – 741 101 (Year of Establishment-2009)</b>																	
Civil Engineering																60	60
Electronics & Communication Engg.																60	60
Mechanical Engineering.																60	60
Electrical Engg.																60	60
<i>Institution Total (Year wise)</i>																240	240
<b>60. Regent Education &amp; Research Foundation Group of Institutions, Bara Kanthalia, P.O. – Sewli, Telinipara, P.S. – Titagarh, Kolkata – 700 121 (Year of Establishment-2009).</b>																	
Civil Engineering																60	60
Electronics & Communication Engg.																60	60
Computer Science																60	60
Electrical & Electronics Engg.																60	60
<i>Institution Total (Yearwise)</i>																240	240

## CHAPTER - 4

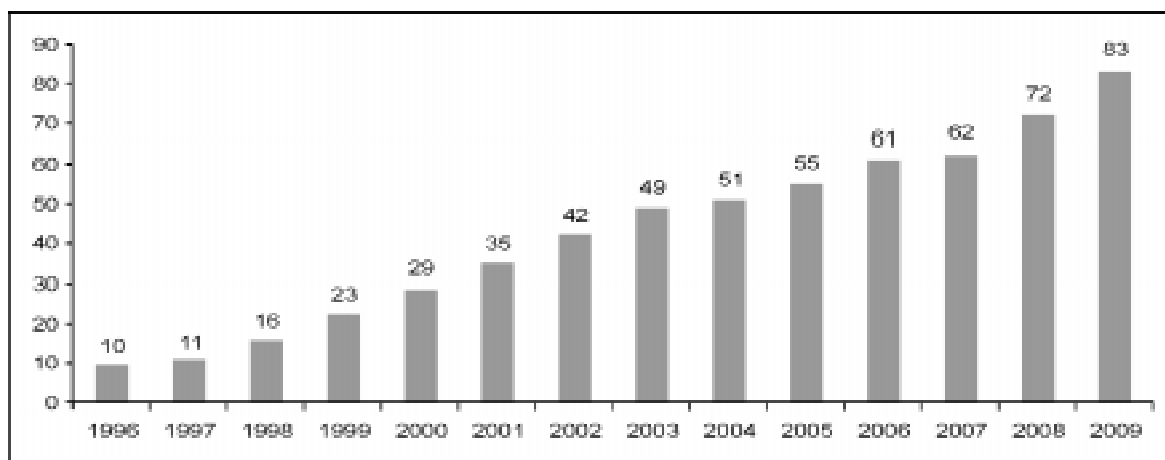
B.E./B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	Total	
<b>D. Self Financing Pharmacy Colleges :</b>																		
<b>1. Gupta College of Technological Sciences, Ashram More, G. T. Road, Asansol - 713301 (Private Institute) Ph : 2213120 / 2204423 / 2203839, Fax : (0341) 2213120 (Year of Establishment - 2000)</b>																		
Pharmacy							60	30									-30	60
<i>Institution Total (Yearwise)</i>							60	30									-30	60
<b>2. Calcutta Institute of Pharmaceutical Technology &amp; Allied Health Sciences, P.O. - Uluberia, Howrah-711 316 (Private Institute) Ph : 033-266104999, Fax : 033-28075015 (Year of Establishment - 2002)</b>																		
Pharmacy									60									60
<i>Institution Total (Yearwise)</i>									60									60
<b>3. Netaji Subhas Chandra Bose Institute of Pharmacy, P.O. &amp; P.S. : Chakdaha, Nadia, West Bengal - 741222 (Private Institute) Ph : (03473) 329337, Fax : (03473) 285448 (Year of Establishment - 2004)</b>																		
B. Pharmacy											60							60
<i>Institution Total (Yearwise)</i>											60							60
<b>4. NSHM College of Pharmaceutical Technology, 124, B. L. Saha Road, Tollygunge, Kolkata-700053 (Private Institute) Ph : 2246-9130, 2403-2300, Fax : 2217-7333 / 2246-9130 (Year of Establishment - 2005)</b>																		
B. Pharmacy												60		-15		15		60
<i>Institution Total (Yearwise)</i>												60		-15		15		60
<b>5. Gurunanak Institute of Pharmaceutical Science &amp; Technology, 157/F, Nilgunje Road, Panihati, 24 Parganas (North) Pin - 743176 (Private Institute) Ph : 2523-1247, Fax : 2563-7957 (Year of Establishment - 2005)</b>																		
B. Pharmacy												60						60
<i>Institution Total (Yearwise)</i>												60						60
<b>6. Dr. B. C. Roy College of Pharmacy &amp; Allied Health Sciences, Dr. Meghnad Saha Sarani, Bidhan Nagar, Durgapur Dist. - Burdwan, Pin - 713212, Ph : (0343) 2532-679 / 2532-678, Fax : (0343) 2532-679 (Year of Establishment - 2005)</b>																		
B. Pharmacy												60						60
<i>Institution Total (Yearwise)</i>												60						60



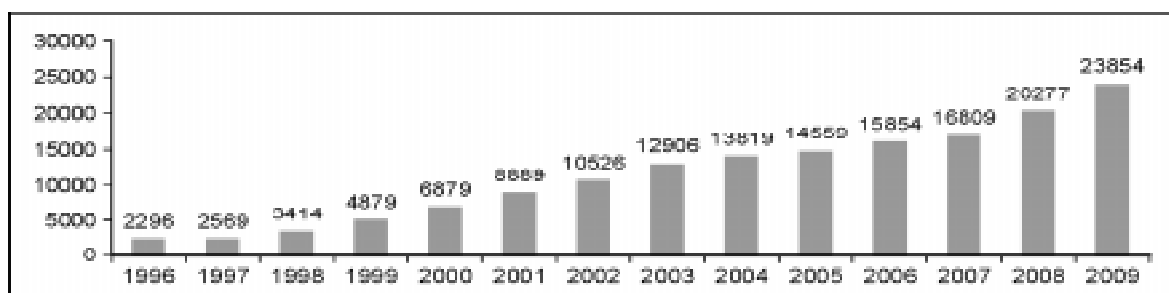
## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

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	07-08	08-09	09-10	Total
<b>7. BCDA College of Pharmacy &amp; Technology, 78 Jessore Road (South), Hridaypur, Kolkata-700127</b> <i>Ph : 2584-2433 / 2665, Fax : 2584-2433 (Year of Establishment - 2006)</i>																	
B. Pharmacy												60					60
<i>Institution Total (Yearwise)</i>												60					60
<b>8. Bengal School of Technology, Super Market, Station Road, P.O. - Sugandha, Chinsurah, Hooghly - 712 102</b> <i>Ph : 033-2686-6064, Fax : 2686-2482 (Year of Establishment - 2006)</i>																	
B. Pharmacy												60					60
<i>Institution Total (Yearwise)</i>												60					60
<b>9. Bharat Technology, Jaduberia, Uluberia, Howrah - 711316,</b> <i>Ph : 2709-4430, 3294-8176, Fax : 2661-1174 (Year of Establishment - 2006)</i>																	
B. Pharmacy												60					60
<i>Institution Total (Yearwise)</i>												60					60
<b>10. Bengal College of Pharmaceutical Science &amp; Research, Durgapur</b>																	
B. Pharmacy												60					60
<i>Institution Total (Yearwise)</i>												60					60

### Year wise establishment of Engineering & Technology Colleges in the State :



**Year wise availability of approved seats in degree level engineering & technology colleges in the State :**



**4.2.2 Categorical distribution of Engineering & Technology disciplines and approved seats available in West Bengal in 2009-10 at a glance.**

Sl. No.	Category	Intake
A.	Core disciplines (Civil., Electrical., Mechanical., Mining, Metallurgy, Marine, Chemical, Architecture)	6294
B.	Specialized disciplines (Textile Tech., Apparel Tech., Leather Tech., Ceramic Tech., Jute Tech., Food Tech., Power Engg., Production Engg., Automobile Engg., Instrumentation Engg., Construction Engg., Print Tech.)	830
C.	Cutting Edge disciplines (Electronics & Communication Engg., Computer Science & Engg., Information Tech.)	13480
D.	Amalgamated Disciplines (Applied Electronics & Instrumentation Engg. Instrumentation & Control Engineering, Electrical & Electronics Engineering)	2250
E.	Bio Related disciplines (Bio-Tech., Bio-Medical Engg.)	330
F.	Pharmacy	670
	TOTAL	23854

**4.2.3 AICTE Approved Post-Graduate Programme in Govt. Engineering & Technology Colleges : 2009 - 2010**

Sl. No.	Name of the Institute	M.Tech. Courses	Approved Intake Capacity
1	Kalyani Govt. Engg. College	Computer Science & Engineering Electronics & Communication Engg. Production Engineering	18 18 18
2	Govt. College of Engineering & Textile Technology, Serampore.	Mechanical Processing of Textile Chemical Processing of Textile	10 10
3.	Govt. College of Engineering & Leather Technology, Kolkata.	Leather Technology	25

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

Sl. No.	Name of the Institute	M.Tech. Coures	Approved Intake Capacity
4.	Govt. College of Engineering & Ceramic Technology, Kolkata.	Ceramic Technology	18
5.	Govt. College of Engineering & Textile Technology, Berhampore.	Textile Technology (Mechanical Processing of Textile)	18
6.	Jalpaiguri Govt. Engineering College, Jalpaiguri.	Mechanical Engg. (Production Engg. & Management) Electrical Engg.( Power Electronics & Drives) Information Technology (in collaboration with J.U.)	15 15 07

### Status of M.Tech. Courses in Self-Financing Engineering and Technology Colleges :2009-2010

Sl. No.	Name of the Institute	Year of Introduction	Discipline wise intake	Total approved intake
1	Haldia Institute of Technology	2005 2007	Chem. Engg.- 18 CSE – 18 ECE – 18 ME – 18 Bio-Technology - 18	90
2	JIS College of Engineering	2005	ED & P System – 18 IT – 18 CSE – 18 Mobile Communication-18	72
3	Netaji Subhas Engineering College, Garia.	2005	CSE – 18 Comm. Engg. – 18 C & I - 18	54
4	Institute of Engineering and Management, Salt Lake	2006	ECE-18	18
5	Heritage Institute of Technology	2006 2007	AEIE – 18 CSE – 18 Bio-Technology – 18 ECE-18 Chemical Engg-18	90

**CHAPTER - 4**

<b>Sl. No.</b>	<b>Name of the Institute</b>	<b>Year of Introduction</b>	<b>Discipline wise intake</b>	<b>Total approved intake</b>
6	Techno India	2006	ECE – 18 (VLSI & Meccre electronics)	18
7	Dr. B.C.Roy College of Engineering	2007	ECE – 18 EE – 18 CSE-18 Engg.& VLSI-18	72
8	Narula Institute of Technology	2007 2008	CSE – 18 ECE-18	36
9	Bengal College of Engg. & Technology	2007	Bio-Technology – 18 ECE – 18 CSE-18	54
10	Asansol Engg. College	2008	ECE – 18 EE – 18	36
11	Institute of Technology & Marine Engineering	2008	VLSI Design & Embedded Technolgy-18	18
12	MCKV Institute of Engg.	2008	ECE – 18	18
13	Gurunanak Institute of Technology	2008 2009	ECE – 18 CSE-18	36
14	Calcutta Institute of Technology	2009	CSE – 18 ECE-18	36
15	Siliguri Institute of Technology	2009	CSE-18	18
16	Meghnad Saha Institute of Technology	2009	Geo Technical Engg.-18 CSE-18	36
17	Bengal Institute of Technology & Management	2009	ECE-18 CSE-18	36
18	Durgapur Institute of Advanced Technology & Management	2009	ECE-18	18

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

### Status of M.Pharm. Courses in Self-Financing Pharmacy Colleges: 2009-2010

Sl. No.	Name of the Institute	Year of Introduction	Discipline wise intake	Total approved intake
1	Gupta College of Technological Science	2006 2006 2008	Ph. Chemistry-10 Pharmaceutics-18 Pharmacology-10	38
2	Calcutta Institute of Pharmaceutical Technology & Applied Health Science	2007	Pharmaceutics-18 Pharmacology-18	36
3	Netaji Subhash Chandra Bose Institute of Pharmacy	2009	Ph. Chemistry-10	10
4	Dr.B.C.Roy College of Pharmacy & Allied Health Science	2009	Pharmaceutics-10	10

#### 4.3 EXPANSION IN MANAGEMENT EDUCATION IN THE STATE :

Management is the process of designing and maintaining an environment in which individuals, working together in groups, become efficient to accomplish selected aims & objectives. It is felt that the need of present day's industry is quality leadership to be provided by Managers in different sectors, including industry acceptance from very first day of one's joining a job and that is why personnel with management education are in a great demand.

In our State many management institutions have been established by the Government as well as by private initiative in last few years to cater to the enhanced requirement of managerial personnel. In the early 50's , there were only one management institution namely the Institution of Social Welfare and Business Management, Kolkata and thereafter in early 60's the Indian Institute of Management, Joka was established. But these two Institutions could not fully met the requirement of this category of personnel. As a result, further expansion of management institutions was felt necessary. Accordingly, many State Universities have established Management Departments and further growth occurs due to establishment of MBA Institutions through private initiations. Students are admitted in Management courses through All India Exams. such as CAT, MAT etc. and also through the State Level Entrance Examination JEMAT conducted by West Bengal University of Technology. In 2009-10, the total number of approved institutions conducting MBA courses is '45' and the intake capacity is '2790'.

### 4.3.1 Institution wise availability of Seats for Management Education (MBA) in 2009-10 University/Govt/Other Institutions :

University and University Departments							
Sl. No.	Year of Establishment	Year of launching of courses	Sl. No.	Institutions	MBA (FT) 2 Yrs.	MBA (PT) 2 Yrs.	Phone No.
1	1960	1983-1984	1	Deptt. of Business Administration, Burdwan University, Gopalbag, Rajbati, Burdwan - 713 104.	30		(0342) 2559774 9434113809
2	1960	1983-1984	2	Deptt. of Commerce, Burdwan University, Dist.-Burdwan, Pin – 713 104.	30		(0342) 2533913.
3	1955	1985-1986	3	Institute of Business Management, Jadavpur University, 188, Raja S.C. Mallick Road, Kolkata – 700032.	60	30	1414-6810/ 2414-6219
4	1856	1999-2000	4	School of Management, Bengal Engg. & Science University, Shibpur, Howrah-13	60		2668-4561/ 63
5	1957	2000-2001	5	Deptt. of Business Administration, University of Calcutta, Khudiram Bose Sarani, Alipur Campus, 1 Reformatory Street, Kolkata – 27.	30		(033)2350 -0289/2351- 6026 /2350- 8086
6	1960	2001-2002	6	Deptt. of Business Administration, Kalyani University, Kalyani, Nadia.	60		(033)2582- 1309/6680, 2580-8437
7	1962	2003-2004	7	Deptt. of Management, University of North Bengal, P.O. – NBU, Raja Rammohanpur, Dt.– Darjeeling, Pin – 734 013.	60		(0353) 2699 403
8	1981	2006-2007	8	Vidyasagar University, Dist.-Paschim Medinipur, Pin – 721 102	30		276554/ 276555 (03222) 275297/ 2765592.
<b>Group Total</b>					<b>360</b>	<b>30</b>	

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

Sl. No.	Year of Establishment	Year of launching of courses	Sl. No.	Institutions	MBA (FT) 2 Yrs.	MBA (PT) 2 Yrs.	Phone No.
<b>Management Institutions</b>							
9	1953	1976-1977	1	Indian Institute of Social Welfare & Business Management, Management House, College Square (West), Kolkata – 700 073.	90	60	(033) 2334-7077/7075
10	1997	1997-1998	2	Army Instt. of Management, Judge Court Road, Alipur, Kolkata – 700 027, 24 Pgs (South).	120		(033) 24794494, (2439 8335/37/38
11	1976	2000-2001	3	Institute of Business Management & Research, 318A, Prantik Pally, Rajdanga, Kolkata – 700 107.	60	30	24414822/23
12	1934	2000-2001	4	Bharatiya Vidya Bhaban, Institute of Management, Block – FA, Sector-III, Salt lake City, 24 Pgs(North), Kolkata – 700 091.	60		2335-8754, 2335-1283/1284/0152
13	2003	2003-2004	5	Management Instt. of Durgapur, Rajbandh, G.T. Road, Durgapur, Burdwan, Pin – 713 212	120	60	0343-25 20712, 2520713
14	2004	2004-2005	6	George College (Deptt. of Management Studies), Mollar Gate, Budge Budge, Trunk Road, Kolkata – 700 141.	60		2217-6142/2227-2605/9774
15	2004	2004-2005	7	International Institute of Management Science, NH-6, Bombay Road, Palara, Uluberia, Howrah-711 303.	60		(033) 2641 8440 (033) 2337 2592
16	2006	2006-2007	8	Future Business School, Sonarpur Station Road, Kolkata – 700 150.	60		(033) 2434 8230/5640/5640/5615
17	2007	2007-2008	9	Camellia School of Business Management, Digberia, P.S. – Madhamgram, Kolkata – 700129.	60		(033) 6455-1145/1146 /1660
18	2008	2008-2009	10	IBRAD (Indian Instt. Of Bio-Social Research & Development), Prafulla Kanan, Kestopur, VIP Road, Kolkata-700 029.	60		Co-ordinator Raktima Mukherjee 9830266403

## CHAPTER - 4

Sl. No.	Year of Establishment	Year of launching of courses	Sl. No.	Institutions	MBA (FT) 2 Yrs.	MBA (PT) 2 Yrs.	Phone No.
19	2008	2008-2009	11	Durgapur Institute of Management and Science, Sahid Sukumar Banerjee Sarani, Bidhannagar, Durgapur-713 212.	60		0343-2537 337/ 2536752
20	2008	2008-2009	12	ABS Academy of Science, Technology and Management, Sagarbhanga, Durgapur-713 212,W.B.	60		0343 255-0697/98
21	2008	2008-2009	13	NSHM Business School, Arrach, Shivtala (Near Muchipara), Durgapur-713 212 (W.B.).	60		033-2403 2300-1 0343-2548 606, 2548 607
22	2008	2008-2009	14	DSMS Business School, Bidhan Nagar, Durgapur, Burdwan Pin: 713206	60		0343-2532946/ 2532947 2532948
23	2009	2009-2010	15	Management & Science Institute of Durgapur(MSID)City Centre, Phase II, Surya Sen Sarani, Durgapur, Distt: Burdwan	60		0343-2543388/ 2543686/ 6451619
24	2009	2009-2010	16	Apex Institution of Management Bidhan Nagar, Durgapur, Pin: 713212	60		0343-2532984/ 8586
<b>Group Total</b>					<b>1110</b>	<b>150</b>	
<b>Engineering Colleges with Management Departments</b>							
25	1997	1984-85	1	Institute of Engg. & Management, Y-12, Salt Lake Electronics Complex, Sector-V, Kolkata - 700 091.	90		2357 2059, 2357 8189
26	2002	2002-2003	2	Pailan College of Management & Technology, Pailan Park Housing Project Phase-I, Amgachia Road, Diamond Harbour Road, Kolkata-700 104.	60		2453 5605, 2497-8006/ 07



## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

Sl. No.	Year of Establishment	Year of launching of courses	Sl. No.	Institutions	MBA (FT) 2 Yrs.	MBA (PT) 2 Yrs.	Phone No.
27	1996-	2002-2003	3	Haldia Instt.of Technology, ICARE Complex, HIT Campus, P.O. - Hatiberia, Haldia, Dist. – Purba Medinipur, Pin - 721 657.	60		(03224) 252850/ 253062
28	2000	2002-2003	4	JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia, Pin-741 235.	60		(033)22893944/ 5323
29	2001	2002-2003	5	Meghnad Saha Institute of Tech., Madurdaha, Dag No.-327, Ward No.-108, Kolkata-700 039.	60		2443-1754 033-3294- 3462
30	2001	2003-2004	6	Heritage Instt. of Tech.,994 Madurdaha, Chowbaga Road, Anandapur, P.O. – East Kolkata Town Ship, Kolkala – 700 107.	90	60 (2006)	033- 2443-0454/ 56/57
31	2003	2003-2004	7	Bengal Institute of Technology & Management, Sriniketan, By Pass, P.O. - Doranda,Near Shanti Niketan, Birbhum.	60		(03463) 271353/4
32	2001	2003-2004	8	Bengal College of Engineering & Technology, Sahid Sukumar Banerjee Sarani, Bidhannagar, Durgapur-713 212.	60		0343- 2533186
33	1999	2004-2006	9	Siliguri Institute of Tech., P.O. - Sukna, Siliguri-25, Dist. - Darjeeling	60		0353- 2778002
34	2000	2004-2005	10	Dr. B.C.Roy Engg. College, Loknath Bhawan, Durgapur, Burdwan-713 213.	60		(0343)250- 1353/4106/ 4121/41222/ 4123
35	2001	2004-2005	11	Narula Institute of Technology (NIT), 81 Nilgunj Road, Agarpara, 24 Pgs (North), Kolkata-700 058.	60		(033) 2289- 3944/5323
36	2002	2004-2005	12	Future Institute of Engineering and Management, Sonarpur Station Road, Kolkata-700 150.	60		(033) 2434 5640/5615
37	2001	2004-2005	13	Techno India, EM 4/1, Salt Lake City, Sector-V, Kolkata - 700095.	60		(033) 2334 7077/7075
38	2004	2008-2009	14	Calcutta Institute of Technology, Uluberia	60		033-2709 4367/2661/ 2096

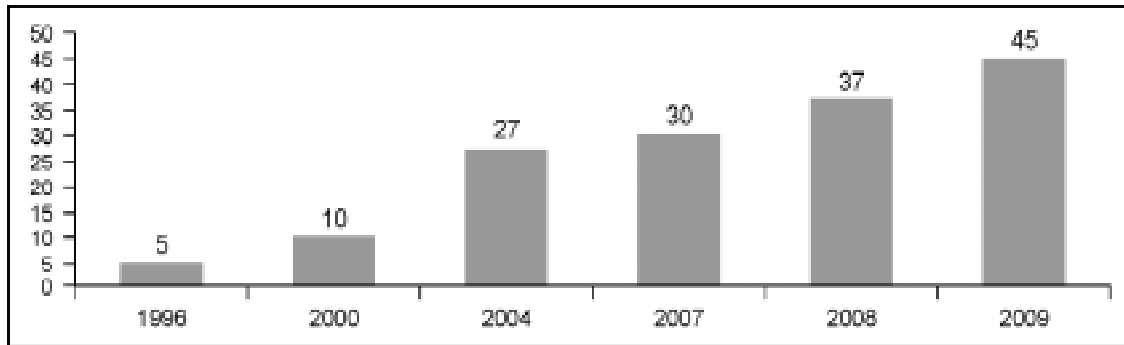
## CHAPTER - 4

Sl. No.	Year of Establishment	Year of launching of courses	Sl. No.	Institutions	MBA (FT) 2 Yrs.	MBA (PT) 2 Yrs.	Phone No.
39	2008	2008-2009	15	Swami Vivekananda Institute of Management & Computer Science, Karbala, Sonarpur Station Road, P.O. - Narendrapur, Kolkata - 700 103.	60		033-2428 3035
40	2006	2008-2009	16	Seacom Engg College, Shankarail, Howrah.	60		033-2679 0481/0482/ 0483
41	2003	2009-2010	17	Aryabhatta Institute of Engineering & Management, Panagarh Bazar, Durgapur-713148	60		0343- 2526417
42	2003	2009-2010	18	Saroj Mohan Institute of Technology, Vill: Gupti Para Bandha Gachi, Distt: Hoogly- 712512	60		03213- 262499/ 262719/ 262201
43	2003	2009-2010	19	Guru Nanak Institute of Technology, 157/F, Nilganj Road, Kolkata – 700058	60		033- 25637957/ 25233900
44	2009	2009-2010	20	Faculty of Management, Supreme Knowledge Foundation Group of Institutions, 1, Khan Road, P.O.. Mankundu, Distt: Hoogly, Pin: 712139	60		033-2683- 1141
45	2009	2009-2010	21	Faculty of Management, Regent Education & Research Foundation Group of Institutions, Bara Kanthalia, P.O. Sewlii Tellni Para, Titagarh, Kolkata-700121	60		033- 64598188/ 2535-3051/ 52
<b>Group Total</b>					<b>1320</b>	<b>60</b>	
<b>Grand Total</b>					<b>2790</b>	<b>240</b>	

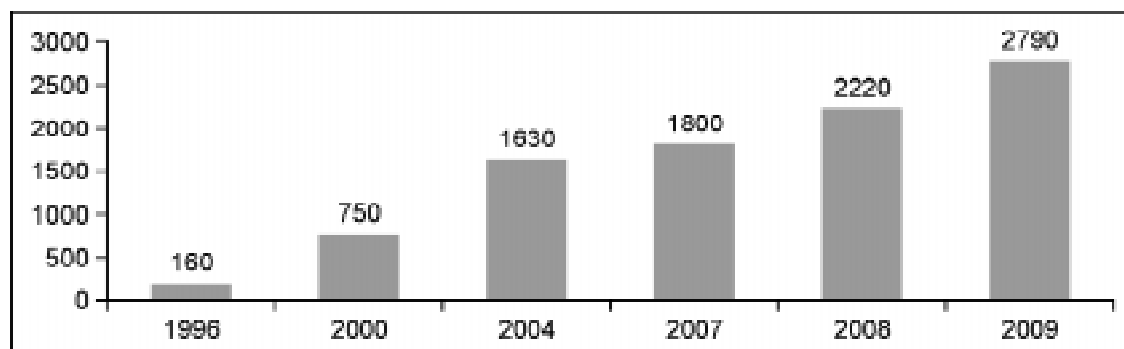
## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

### 4.3.2 Growth in Management Education in the State :

Trend in growth of Management Institutions in the State :



Trend in increase of availability of approved seats in management education in the State :



### 4.4 EXPANSION IN MASTER OF COMPUTER APPLICATION (MCA) EDUCATION IN THE STATE:

Commencement from the early half of 1970's there has been initiative to establish course in the field of Computer Science & Engineering. The ever-growing use of Computer in a wide variety of fields was witnessed during the last few decades. This situation was duly taken into consideration by the Government of India as well as Government of West Bengal by laying stress on Computer Education in the National Policy of Education 1986.

The Higher Education system of the country had spared no efforts to identify the needs of the Computer professionals in different sectors and devised variety of programs including Master of Computer Application (MCA).

In this State, up-to 1994-95 academic session there were only 3 (three) universities i.e. Jadavpur University, Bengal Engineering College (D.U.) and North Bengal University where MCA course was offered with very limited intake capacity (100 Nos.).

## CHAPTER - 4

Considering the demand and job opportunities many more State Universities and Government as well as Private Institutions have started the MCA course. At present, in the academic session of 2009-2010 the MCA course is conducted in 39 Institutions and the approved intake capacity is '1930'. In this State MCA seats are filled up through a State Entrance Examination JECA conducted by West Bengal Joint Entrance Examinations Board.

### 4.4.1 Institution wise availability of Seats for MCA Education in 2009-10 University/ Govt./Other

#### University and University Departments

Sl. No.	Year of launching of courses	Sl. No.	Institutions	MCA (FT) 3 Yrs.	Phone No.
1	1962	1	University of North Bengal, P.O. – NBU, Raja Rammohanpur, Dt. – Darjeeling, Pin -734 013.	30	(0353) 2582099
2	1994	2	Deptt. of Computer Science , Jadavpur University, 188, Raja S.C. Mallick Road, Kolkata – 700 032.	40	033-2473-4044/4495
3	1994	3	Bengal Engg. College, Depa Botanic Garden, Shibpur, Howrah-711 103.	30	2668-4561/62/63.
4	1999	4	Vidyasagar University, Dist.-Paschim Midnapur, Pin – 721 102	40	(03222) 276554/ 276555/276557/ 276558.
5	1999	5	Deptt. of Computer and System Science, Viswa Bharati University,	15	(03463) 261766/ 03463-262451.
6	2000	6	A K Choudhury School of Information Technology, University of Calcutta, Meghnad Saha Bhavan, Kolkata – 700 009.	40	(033) 2350-0289/ 2351-6026/2350-8386
7	2000	7	Deptt. of Computer Science, Burdwan University, Gopalbag, Rajbati, Burdwan - 713 104.	20	(0342) 25558073
8	2001	8	Deptt. of Computer Science , Kalyani University, Kalyani, Nadia.	30	2580-9615/9617
			<b>GROUP TOTAL</b>	<b>245</b>	

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

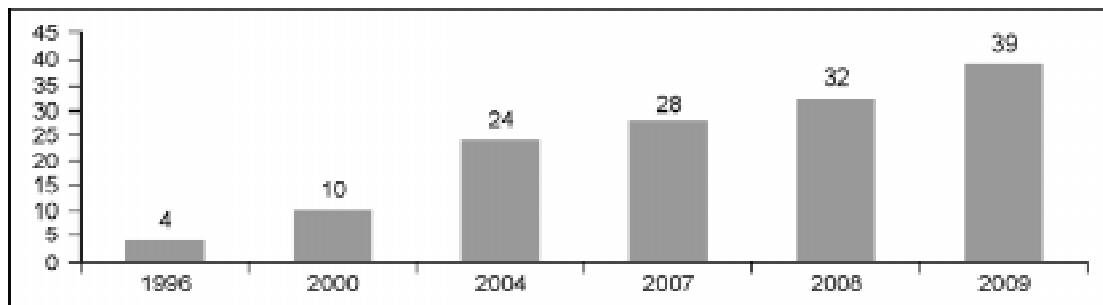
Sl. No.	Year of launching of courses	Sl. No.	Institutions	MCA (FT) 3 Yrs.	Phone No.
<b>Engineering Colleges with MCA Department</b>					
9	2000	1	Siliguri Institute of Tech., P.O. – Sukna, Siliguri-25, Dist. – Darjeeling	60	2574-076/2574074.
10	2000	2	RCC Institute of Information Tech., Canal South Road, Beliaghata, Kolkata – 700 015.	60	2323-463/3357/2400.
11	2001	3	JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia, Pin-741 235.	60	25822138/25635298
12	2001	4	Bengal Institute of Technology, Tech. Town, Dhapa, Manpur on Basanti Highway, Haldia.	60	2345-8001
13	2002	5	Pailan College of Management & Tech., Pailan Park Housing, P-24 Pgs (South), Pin – 700 104.	60	2497-8006/ 2497-8007
14	2002	6	Techno India Institute of Technology, EM-4/1, Sector-V. Salt Lake City, Kolkata-700 091.	60	033-2443-0454/ 0457/0710.
15	2002	7	Haldia Instt.of Technology, ICARE Complex, HIT Campus, P.O. – Hatiberia, Haldia, Dist. – Purba Medinipur, Pin – 721 657.	60	253062/252850/ 252900
16	2002	8	Asansol Engg College, Kanyapur, Sen Releigh Road, Asansol, Burdwan-713 304.	60	2252108/3057/4248
17	2003	9	Heritage Instt. of Tech.,994 Madurdaha, Chowbaga Road, Anandapur, P.O. – East Kolkata Town Ship, Kolkala – 700 107.	60	033-2443-0454/56/57
18	2003	10	B P Poddar Institute of Management & Technology, Poodar Bihar, Kolkata-700 052.	40	2578-9607/08/09
19	2003	11	Netaji Subhas Engg. College, Near Garia Station, Panchpota Police Para, 24 Pgs(South), Kolkata-700 084.	45	2436-3333/1285.
20	2004	12	Academy of Technology, P.O.-Aedconagar, Hooghly-712 121.	60	033-2684-2888/ 0002/0003
21	2004	11	Narula Institute of Technology (NIT), 81 Nilgunj Road, Agarpara, 24 Pgs(North), Kolkata-700 058.	60	033-25638888
22	2005	14	Dr. B.C.Roy Engg. College, Loknath Bhawan, Durgapur, Burdwan-713 213.	60	(0343) 250-1353/ 4106/4121/41222/ 4123

## CHAPTER - 4

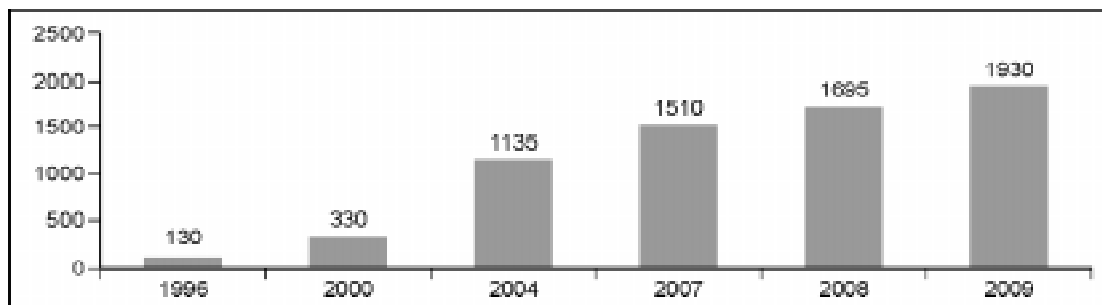
Sl. No.	Year of launching of courses	Sl. No.	Institutions	MCA (FT) 3 Yrs.	Phone No.
23	2006	15	Calcutta Institute of Technology, Banitabla, Uluberia, Dist.-Howrah, Pin – 711 316.	60	27094367/2661-2096
24	2006	16	Techno India College of Technology, Megacity, New town, Kolkata – 71.	60	033-2324-2050
25	2007	17	Future Institute of Engineering and Management, Sonarpur Station Road, Kolkata-700 150.	60	033-2434-5640/5615
26	2008	18	Meghnad Saha Institute of Tech., Madurdaha, Dag No.-327, Ward No.-108, Kolkata-700 039.	60	2443-1031/1033
27	2008	19	Camellia Institute of Technology, Digberia, P.S. – Madhamgram, Kolkata – 700 129.	60	033-64551145/ 1146/1660
28	2008	20	MCKV Institute of Engineering, 243, G.T. Road, North Liluah, Howrah-711 204.	60	033-2654-9315/16/ 17/18
29	2008	23	Bankura Unnayani Institute of Engg., Pohabagan, Baghabandh, Dist.-Bankura, Pin – 722 146.	60	03242-255855/ 255955.
30	2004	9	Bengal College of Engg. & Technology, Sahid Sukumar Banerjee Sarani, Bidhannagar, Durgapur-713 212.	60	(0343) 2533186
31	2009	24	Gurunanak Institute of Technology	60	033-2563-7957
32	2009	25	Regent Education & Research Foundation	60	033-64598188/2535- 3051/52
33	2009	26	Institute of Science & Technology	60	03225-267288
34	2009	27	Greater Kolkata College of Engg.	60	033-24305897
35	2009	28	Seacom Engg. College	60	033-2679-0480
			<b>GROUP TOTAL</b>	<b>1465</b>	
<b>Other Institutions</b>					
36	2002	2	DSMS Buisness School	60	0343-2532946/47/48
37	2003	1	Techno India, Dharmapur, Shantiniketan on G T Road, Chinsurah, Hooghly – 712 101.	60	2680-2389/6565.
38	2003	3	Management Institute Durgapur	60	0343-2520880/ 2520712/13
			<b>GROUP TOTAL</b>	<b>180</b>	
<b>Government Engineering Colleges</b>					
39	2001	1	Govt. Engg. College, Kalyani University, Nadia.	40	2582-1309/2582-6680
			<b>GROUP TOTAL</b>	<b>40</b>	
			<b>GRAND TOTAL</b>	<b>1930</b>	

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

### 4.4.2 Trend in increase of availability of approved seats in MCA course in the State :



### Trend in growth of Institutions conducting MCA course in the State :



## 4.5 STATUS OF NBA ACCREDITATION OF DIFFERENT ENGINEERING & TECHNOLOGY COLLEGES OF THE STATE :

### 4.5.1. Status of NBA Accreditation for Govt. Engineering and Technologies for UG Courses

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
1	Jalpaiguri Govt. Engineering College	UG-Mechanical	1968	Yes	Accredited w.e.f 26.02.2009 for three Years	
2		UG- Electrical	1968	Yes	Accreditation Expired in Feb, 2008	NBA Team visited & Result Awaited Courses
3		UG- Civil	1968	Yes		
4		UG- Electronics Communication	2000	Yes	Accredited w.e.f 26.02.09 for three years	

## CHAPTER - 4

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
5		UG-Computer Science & Engg.	2000	Yes	Fresh Application sent for accreditation	NBA Team visited & Result Awaited for 4 Courses
6		UG-Information Technology	2001	Yes		
1	Kalyani Govt. Engineering College	UG-Mechanical	1995	Yes	Accreditation Expired in Sept, 2007	NBA Team visited & Result Awaited
2		UG-Electrical	2005	No	Not Applicable	
3		UG-Electronics & Communication	1995	Yes	Accreditation Expired in Sept, 2007	NBA Team visited & Result Awaited
4		UG-Computer Science & Engineering	2001	Yes	Accreditation Expired in Sept, 2007	NBA Team visited & Result Awaited
5		UG-Information Technology	2000	Yes	Accredited w.e.f. 19.07.08 for three years	
1	Govt. College of Engineering and Textile Technology, Serampore	UG-Textile	1994	Yes	Accredited w.e.f. 19.07.08 for five years	
2		UG-Computer Science & Engineering	2001	Yes	Fresh Application sent for accreditation	
3		UG-Information Technology	2000	Yes	Fresh Application sent for accreditation	
4		UG-Apparel Production	2007	No	Not Applicable Production	
1	Govt. College of Engineering and Textile Technology, Berhampore	UG-Textile	1994	Yes	Accreditation Expired in June, 2007	Not applied yet
2		UG-Computer Science & Engineering	2001	Yes	Fresh Application sent for accreditation	Not applied yet



## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
1	Govt. College of Engineering and Leather Tech Govt. College of Engineering and Leather Tech	UG-Leather	1994	Yes	Accreditation Expired in June, 2007	Applying for reinspection
2		UG-Computer Science & Engineering	2001	Yes	Not eligible due to discontinuation	
3		UG-Information Technology	2000	Yes	Not eligible due to discontinuation	
1	Govt. College of Engineering and Ceramic Technology	UG-Ceramic	1994	Yes	Accredited w.e.f. 19.07.08 for three years	
2		UG-Computer Science & Engineering	2001	Yes	Fresh Application sent for accreditation	NBA Team visited & Result Awaited
3		UG-Information Technology	2000	Yes	Accredited w.e.f. 26.02.09 for three years	

### 4.5.2. Status of NBA Accreditation for Govt. Engineering and Technology Colleges for PG Courses

1	Jalpaiguri Govt. Engineering College	PG-Electrical Engineering	2009	No		
2		PG-Mechanical Engineering	2009	No		
1	Kalyani Govt. Engineering College	PG-Computer Science & Engineering	2003	Yes		
2		PG-Electronics & Communication Engineering	2003	Yes		
3		PG-Production	2003	Yes		

## CHAPTER - 4

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
1	Govt. College of Engineering and Textile Technology, Serampore	PG-Textile, Mechanical Processing	2000	Yes	Accredited w.e.f. 19.07.08 for five years	
2		PG-Textile, Chemical Processing	2008	No		
1	Govt. College of Engineering and Leather Technology	PG-Leather	2005	Yes		Applying for re-accreditation
1	Govt. College of Engineering and Ceramic Technology	PG-Ceramic	2006	Yes		
<b>Status of NBA Accreditation for Self-Financing Engineering and Technology Colleges</b>						
1	Haldia Institute of Technology	UG Chemical Engg.	1996	Yes	Accredited w.e.f. 21-01-08 for 3 years	
2		UG Computer Science and Engg.	1996	Yes	-Do-	
3		UG Electronics & Instrumentation Engg.	1996	Yes	-Do-	
4		UG Electronics & Communication Engg.	1998	Yes	-Do-	
5		UG Mechanical Engg.	2000	Yes	-Do-	
6		UG Bio-Technology	2001	Yes	-Do-	
1		UG Computer Science and Engg. applied	1998	Yes	Accreditation expired on 11-07-07 and applied on 07-02-07 for re-accreditation.	

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
2	College of Engineering and Management, Kolaghat	UG Electronics & Instrumentation Engg.	1998	Yes	-Do-	
3		UG Electrical Engg.	1998	Yes	-Do-	
4		UG Information Technology	2001	Yes	Fresh application sent for accreditation on 07-02-2007.	
5		UG Electronics & Communication Engg.	2002	Yes		Eligible but not yet applied for accreditation.
1	Heritage Institute of Technology, Kolkata	UG Information Technology	2001	Yes	Accredited w.e.f. 26-02-09 for 3 years.	
2		UG Applied Electronics & Instrumentation Engg.	2001	Yes	-Do-	
3		UG Electronics & Communication Engg.	2001	Yes	-Do-	
4		UG Bio-Technology	2002	Yes	-Do-	
5		UG Computer Science and Engg	2001	Yes		Eligible but not yet applied for accreditation.
1	JIS College of Engg.	UG Electronics & Instrumentation Engg.	2002	Yes	Accredited w.e.f. 26-02-09 for 3 years	
2		UG Information Technology	2000	Yes	-Do-	
3		UG Electrical Engineering	2000	Yes	Accredited w.e.f. 04-05-09 for 3 years	

## CHAPTER - 4

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
4		UG Electronics & Comm. Engg.	2000	Yes	-Do-	
5		UG Computer Science and Engg.	2000	Yes	-Do-	
1	Asansol Engineering College, Asansol,	UG Electronics & Communication Engg.	1998	Yes	Accreditation expired in March, 2009.	Applying for re-accreditation.
2		UG Computer Science and Engg.	1998	Yes	Accredited w.e.f. 12-09-07 for 3 years	
3		UG Electrical Engg	1998	Yes	-Do-	
4		UG Information Technology	1998	Yes		Eligible but not yet applied for accreditation.
5		UG Applied Electronics & Instrumentation Engg.	2002	Yes		-Do-
6		UG Mechanical Engg.	2003	Yes		-Do-
1	Bengal College of Engineering & Technology	UG Bio-Technology	1998	Yes	Accredited w.e.f. 16-03-07 for 3 Years.	
2		UG Electronics & Communication Engg	2001	Yes	-Do-	
3		UG Computer Science and Engg	2001	Yes	-Do-	
4		UG Information Technology	2001	Yes	-Do-	
5		MBA	2004	Yes	-Do-	
6		UG Applied Electronics & Instrumentation Engg.	2004	Yes	-Do-	

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
7		UG Mechanical Engg.	2008	No		Not yet eligible for accreditation
8		UG Civil Engineering	2008	No		Not yet eligible for accreditation
9		PG Bio-Technology (M.Tech.)	2007	Yes		
1	Dr. B.C. Roy Engineering College	UG Computer Science and Engg	2000	Yes	Accredited w.e.f. 19-07-08 for 3 years	
2		UG Electronics & Communication Engg	2000	Yes	-Do-	
3		UG Electrical Engineering	2000	Yes	-Do-	
4		UG Information Technology	2000	Yes		Eligible but not yet applied for accreditation
5		UG Electronics & Instrumentation Engg	2002	Yes		-Do-
6		UG Mechanical Engg.	2003	Yes		-Do-
7		Master of Business Administration	1999	Yes		-Do-
8		Master of Computer Application	2005	Yes		
9		PG Electronics & Communication Engg	2007	Yes		
10		PG Electrical Engg.	2007	Yes		

## CHAPTER - 4

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
1	Narula Instt. of Technology	UG Electronics & Communication Engg	2001	Yes	Accredited w.e.f 19-07-08 for 3 years.	
2		UG Electrical Engineering	2002	Yes	-D0-	
3		UG Information Technology	2001	Yes	Accredited w.e.f 04-12-08 for 3 years.	
4		UG Computer Science and Engg	2001	Yes		Not accredited
5		UG Civil Engg.	2007	No		Not eligible
6		Master of Computer Application	2003	No		-Do-
7		PG Computer Science and Engg	2007	No		Not eligible
8		PG Electronics and Communication Engg.	2008	No		Not eligible
1	Institute of Engineering and Management	UG Electronics & Communication Engg	1997	Yes	Accredited w.e.f. 11-06-05 for 5 years	
2		UG Computer Science and Engg	1997	Yes	Accredited w.e.f. 20-07-05 for 3 years	NBA team visited and result awaited
3		UG Information Technology	1999	Yes	Accredited w.e.f. 31-03-06 for 3 years	
4		PG Electronics and Communication Engg.	2006	Yes		Eligible but not yet applied for accreditation.
5		PG Computer Science and Engg	2008	No		Not eligible

## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
6		PG Information Technology	2008	No		Not eligible
1	Netaji Subhas Engineering College	UG Computer Science and Engg	1998	Yes	Accreditation expired on 18-02-2008 and applied for re-accreditation on 17-10-2008.	NBA team visited but result awaited.
2		UG Electronics & Communication	1998	Yes	Accreditation expired on 18-02-2008 and applied for renewal	-Do-
3		UG Electrical Engineering	1998	Yes	Accreditation expired on 18-02-2008 and applied for renewal	-Do-
4		UG Information Technology	1998	Yes	Accredited w.e.f. 18-07-08 for 3 years.	
5		UG Applied Electronics & Instrumentation Engg.	2005	No		
6		UG Bio-Medical	2003	Yes		Not yet applied for accreditation.
7		PG Electronics & Communication Engg	2008	No		Not yet eligible
8		PG Control and	2008	No		Not yet eligible
9		PG Computer	2008	No		Not yet eligible
1	MCKV Institute of Engg.	UG Computer Science and Engg	1999	Yes	Accredited w.e.f. 17-09-2009 for 3 years	
2		UG Electronics & Communication Engg	1999	Yes	Accredited w.e.f. 17-09-2009 for 3 years	

**CHAPTER -4**

Sl. No.	Name of the Institutions	Name of the Course	Year of Introduction	Eligibility for Accreditation as on Date	Present Status	Remarks
1	Guru Nanak Institut of Technology	UG Electronics & Communication Engg	2003	Yes	Accredited w.e.f 10-07-09 for 3 years.	
2		UG Electrical Engineering	2003	Yes	Accredited w.e.f 10-07-09 for 3 years.	
3		UG Applied Electronics & Instrumentation Engg.	2003	Yes	Accredited w.e.f 10-07-09 for 3 years.	
4		UG Computer Science and Engg	2003	Yes	Accredited w.e.f 10-07-09 for 3 years.	



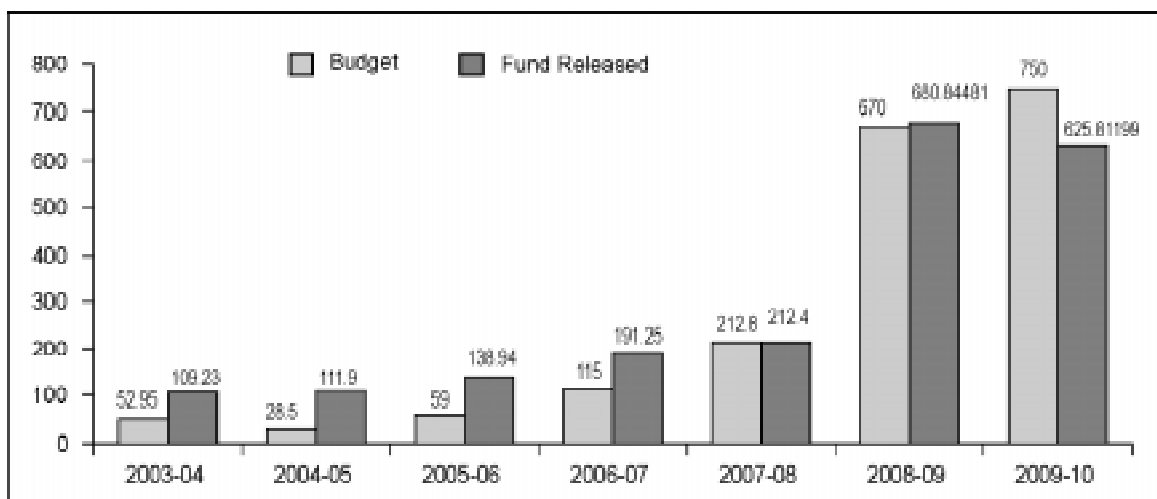
## ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION

### 4.6 STATE GOVERNMENT FUND SANCTIONED AND RELEASED (Rs. Lakh):

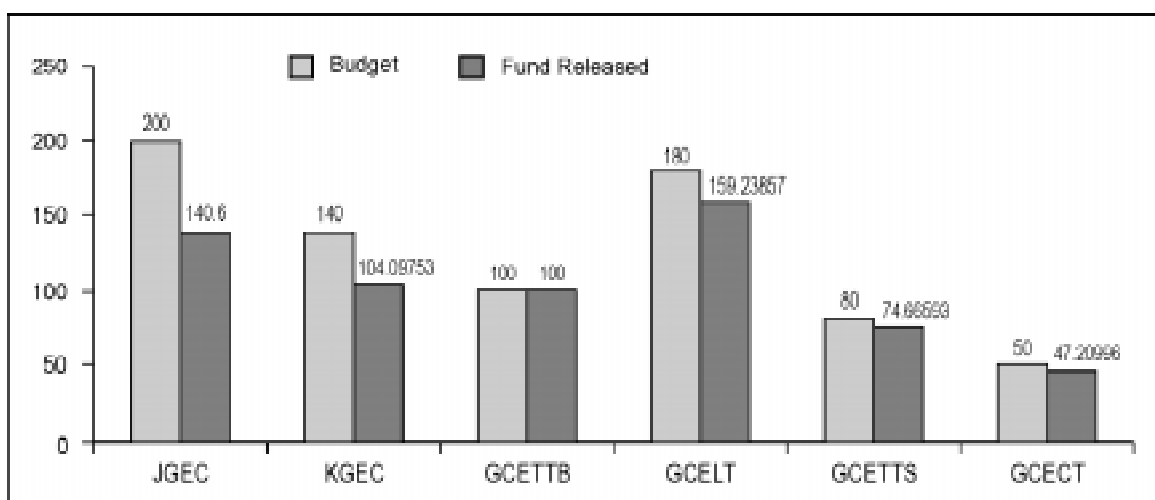
#### 4.6.1 Development under the Major Plan Head '2203' in 6(six) Government Engineering & Technology Colleges for the year 2009-2010.

The fund under this head has been mainly utilized for different development works of laboratory, library, workshop, etc. purchasing furniture for Office, hostel, Colleges, etc. and for A.M.C. of various equipment. The fund has also been utilized for setting up of the laboratory and purchase of books & journals for introduction of post-graduate courses.

#### Budget Vs Fund Released under the Head '2203' – year wise :



#### Budget Vs Fund Released under the Head '2203' – College wise : 2009-10

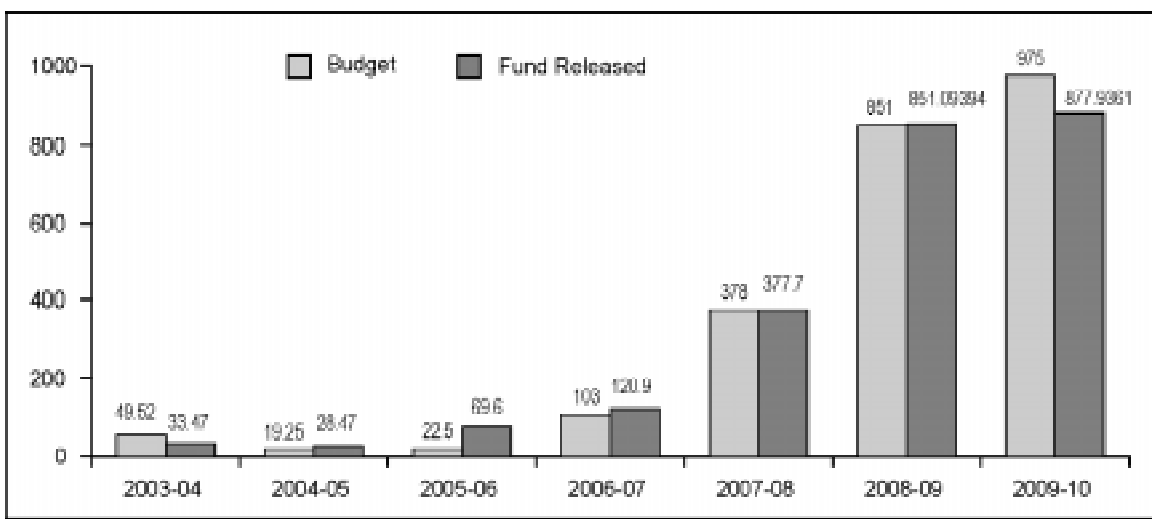


**4.6.2 Development under the Major Plan Head '4202' in 6(six) Government Engineering & Technology Colleges for the year 2009-2010.**

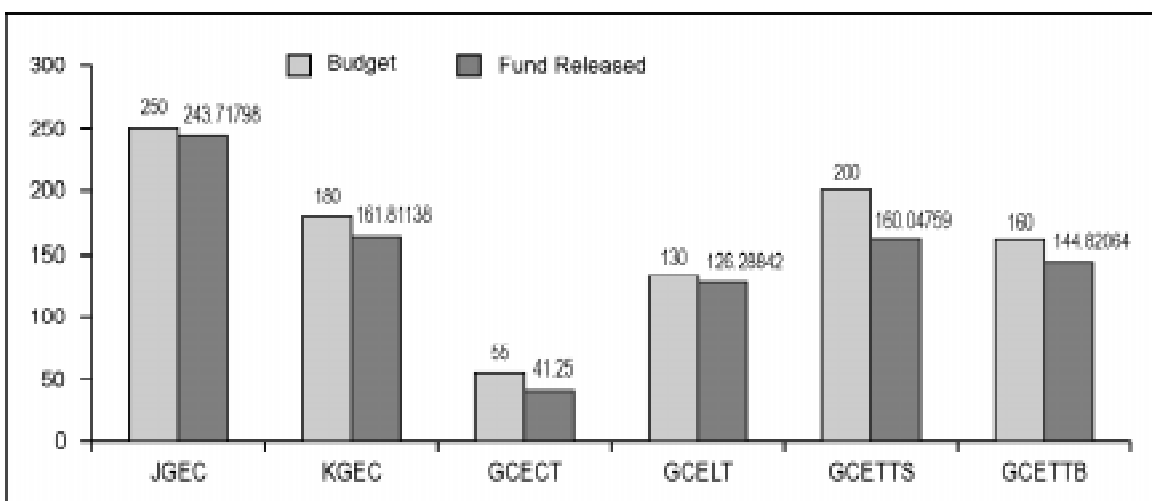
The fund under this head has been mainly utilized for capital expenditure i.e. for construction of new building, renovation and repair works and other civil and electrical works.

**Budget Vs Fund Released under the Head '4202' – year wise : 2009-10**

Fund sanctioned over the last five years has an exponential growth :



**Budget Vs Fund Released under the Head '4202' – Institution wise : 2009-10**



## **ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION**

### **4.7 LATERAL ENTRY SCHEME :**

In pursuance of the scheme of All India Council for Technical Education (AICTE), the State Government has extended the scope of degree level Engineering Education to the diploma holders through the introduction of 'Lateral Entry Scheme' for admission of the diploma holders in degree Engineering / Pharmacy of the State directly into 2<sup>nd</sup> Year /3<sup>rd</sup> semester of 4-Year course from the academic session 2001-2002. Under this scheme, diploma holders from the Polytechnic Institutions with 60% marks in aggregate have got the opportunity for admission after qualifying a State Level Common Entrance Test JELET conducted for this purpose. The intake capacity is upto the extent of 10% of the total approved intake along with the vacant seats of the first year. From the academic session of 2008-09 students with 60% marks in B.Sc. are also made eligible for admission under the Scheme as per provision of the AICTE.

### **4.8 FINANCIAL ASSISTANCE TO POOR & MERITORIOUS STUDENTS STUDYING IN ENGINEERING & TECHNOLOGY COLLEGES IN THIS STATE :**

#### **4.8.1 West Bengal Government Merit-Cum-Means Scholarship Scheme :**

In terms of Notification vide No. 401A-Edn(T) dt. 25.4.2007 a new scholarship scheme known as "West Bengal Government Merit-Cum-Means Scholarship Scheme" has been introduced from the academic session of 2006-07 in the State for the students studying in degree level Government & Government aided Engineering & Technology Colleges in the year 2006. Since the year 2007, this scheme is opened for all degree level Engineering & Technological Institutions including self-financing institutions.

The scholarship amount is Rs.16,800/- per student per year. In the session 2009-10 this Directorate has selected 1125 candidates (fresh 434 and renewal 691) as MCM scholarship holder. For this purpose Rs. 1, 89,00,000/ will be required. For undergraduate level scholarships, candidates must obtain at least 75% marks consisting of two language subjects and three best elective subjects. Students who are enrolled in the first year of Under Graduate Course after passing the H.S Examination or equivalent in the same year will be eligible to apply for this year's Scholarship Scheme.

No student was allowed to receive cheque of MCM Scholarship for 2009-10 if he/she already enjoys any other scholarship/stipend (other than MVM/MCM- scholarship) either from State or Central Government for the same course of students.

It is also worthwhile to mention in this context that the student who are already enjoying Half/Full Free studentship from the college will have no bar of receiving MCM Scholarship or vice versa.

### **4.8.2 Financial assistance to poor and meritorious students of Private unaided Engineering Colleges in this State :**

With the enhancement of tuition fees, the Fee Structure Committee has also recommended for provision of free studentship to the meritorious and economically backward students allowing full free studentship to at least 10% of the students and half free ship to at least 5% of the students of their approved annual intake against the management quota of 10% of the approved intake sanctioned by the State Government.

The provision has been made in the G.O. vide NO. 450-Edn(T) dt. 26.6.2008. This provision has been implemented by most of the College authorities towards financial assistance to such students who submitted their prayer and are found eligible as per norms. The institutions not giving MQ should also give free ship to at least 5% students in terms of G.O. No.410-Edn(T) dated 21st June, 2006.

### **4.9 SIGNIFICANT POLICIES ADOPTED FOR EFFECTIVE GOVERNANCE OF PRIVATE SELF-FINANCING INSTITUTIONS :**

#### **4.9.1. Admission through single window system :**

Except the Management Quota (10%) , the entire seats (90%) are allotted to the students by the Central Selection Committee (Engineering & Technology) from the merit list of JEM/AIEEE through single window system.

#### **4.9.2 Restructuring of the Governing Body and its proper functioning as per guidelines of AICTE :**

Due attention has been given for constitution of the Governing Bodies of the Colleges following AICTE norms. The State Government has taken pro-active role towards their proper functioning. The Colleges conduct the Governing Body meetings at regular intervals with appropriate agenda items where Govt. in the Higher Education Department, Directorate of Technical Education and State Technical University participate as members.

#### **4.9.3 Admission against Management Quota :**

The self-financing degree level Engineering & Technology Institutions are filling up 10% of their approved intake directly through Management Quota has approved by the State Government. The Management Quota is to be filled up stream-wise from the merit listed candidates of WBJEE/AIEEE.

## **ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION**

Registration of students admitted under management quota stream-wise is to be completed first with the WBUT i.e. prior to the registration of other students admitted through the central counseling process.

### **4.9.4 Fee-structure of various courses in Private Engineering Colleges :**

This is controlled by the Fee Structure Committee duly constituted by the State Government. Fees for all the degree level professional institutions are suggested by this Committee.

### **4.9.5 Rating of Private Institutions for gradual up-gradation :**

A methodology has been evolved to assess the overall performance of these institutions. Some quality markers have been identified and information on those aspects are collected from the self-financing colleges on a regular basis. Some grade points are assigned against each such quality marker based on which scoring of each College is done. By this process, significantly weak areas of each College are being identified so that those can be improved over a given time frame.

## **4.10 SIGNIFICANT POLICIES ADOPTED FOR INTRODUCTION OF GOOD GOVERNANCE IN GOVERNMENT ENGINEERING & TECHNOLOGY COLLEGES :**

### **4.10.1 Restructuring of the Governing Body :**

The Governing Bodies of all 6 (six) degree level Government Engineering & Technology Colleges have been restructured with more powers and functions vested on the Governing Body and with more members from the industry houses. In many of the Governing Bodies the Chairman himself is from the industry so that appropriate suggestions can be given by the members of the Governing Body for the development of such professional Colleges. After the implementation of the Technical Education Quality Improvement Programme (TEQIP) 4 (four) of the Government Engineering & Technology Colleges are enjoying autonomy to some extent and as such the decision of the Governing Body and its functioning is important for smooth and proper running of these Colleges.

### **4.10.2 Block Grant System and sanction of fund :**

From the last quarter of the financial year 2008-2009, the block grant system of sanction of fund has been introduced in all the 6(six) Government Engineering & Technology Colleges. In case of 4 (four) Government Engineering & Technology Colleges under TEQIP i.e. Jalpaiguri Govt. Engineering College, Jalpaiguri ; Kalyani Govt. Engineering College, Kalyani; Govt. College of Engineering & Textile

## CHAPTER - 4

Technology, Serampur and Government College of Engineering & Ceramic Technology, Kolkata, block grant system was introduced earlier with the implementation of institutional reforms towards financial autonomy and lastly the same has been extended to two other Government Engineering & Technology Colleges i.e. Govt. College of Engineering & Textile Technology, Berhampur and Govt. College of Engineering & Leather Technology, Kolkata. Under the block grant scheme the non-salary non-plan items as a whole are allotted as a grant-in-aid where the institutions are having their autonomy to utilize the fund as per their requirement and necessity. Under the financial autonomy the institutions can retain and utilize the entire tuition fees collected, IRG generated and retained and operate four funds for specific purpose.

### **4.10.3 Constitution of Financial Management Committee (FMC) :**

The State Government has also constituted the Financial Management Committee in each College for gainful utilization of the block grant scheme and other related matters pertaining to plan and non-plan fund requirements under the overall control of the Governing Body/ Board of Governors of each of these Institutions where accountability and transparencies are maintained beyond the given autonomy.

### **4.10.4 Financial Assistance to Poor and Meritorious Students :**

In the Government College of Engineering & Technology also the system of free studentship and half free studentship is present for the poor but meritorious students. So that good students are not suffered due to financial paucity. State Government has introduced 10% full-free studentship and 10% half-free studentship vide Government Order No. 416-Edn(T) dt. 27<sup>th</sup> July,2004. for these Institutions.

### **4.11 PROHIBITION OF RAGGING AND RTI ACT,2005 :**

The State of West Bengal has formulated the Prohibition of Ragging Act in 2000 and rules thereof in 2001. The Act and Rules for Prohibition of Ragging issued by the State Government have been circulated to the Institutions to display the same in proper places of the Institutions for information of the students and all other concerned persons. The Committee to look after the ragging cases i.e. Anti Ragging Committee has also been formed in each and every Institution. State Government has also constituted an Appellate Committee in this regard. Necessary measures as per the Prohibition of the Acts and Rules are taken from time to time in case of any incidence of ragging. Measures

## **ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION**

have also been taken to provide separate hostels for the 1-year students as far as possible in the Government Engineering & Technology Colleges.

Directorate of Technical Education time to time sends guidelines towards prohibition of ragging to all the Institutions under its purview. Honorable Supreme Court's recent guidelines (issued on May, 2009) on prohibition of ragging has also been circulated amongst the Institutes. In terms of this guidelines Instt. Level. University level and District level monitoring are to be done.

This Directorate has already appointed State Asst. Public Information Officer to deal with the RTI related applications. Moreover all the Govt. Engg. & Technology and Grant-in-Aided Self Financing Engg. & Technology colleges have been instructed to appoint Public Information Officer and Appellate Authority within the jurisdiction of the college.

### **4.12 MAJOR ACTIVITIES AND ACHIEVEMENTS :**

Major Activities and Achievements in Govt. Engg. & Tech. Colleges in the Financial year 2009 – 10.

#### **Jalpaiguri Govt. Engg. College**

- Introduction of two new PG courses
- NBA accreditation of four UG courses
- Construction of Library building, Auditorium, extension of Admn., Building, New Labs, use of renewable solar energy etc.
- Setting up of Centre of innovation & renewable energy club
- MoU with NE Hill Council to study feasibility & carry out development work.
- 56 students qualified in GATE

#### **Kalyani Govt. Engg. Collge**

- Conducted staff development programmes sponsored by AICTE
- MODROBS Project earned amounting Rs. 10 L
- 40 papers published in National/International journals & conferences
- 34 students qualified in GATE
- One best research award received by a faculty in WB State Science Congress, 2010

### **Govt. College of Engg. And Textile Technology, Serampore**

- Overseas Accreditation in Textile Tech. by Textile Institute, Manchester, UK
- Entrepreneur Development Course in collaboration with MSME.
- 10 Research papers in National/International journals and also 2 Research papers of final year students.
- One student obtained Ph.D.
- Silver medal award obtained by a faculty from U.K.
- 15 students qualified in GATE

### **Govt. College of Engg. and Ceramic Technology**

- Collaborative work with overseas institutes
- J.C. Bose National Award received by a faculty
- 4 Research Projects obtained
- 2 Scholars are in final stage of Ph.D.
- Two 15 days' workshop conducted
- One Software developed
- Two research papers published

### **Govt. College of Engg. and Leather Technology**

- An overseas collaborative project with Italy
- Entrepreneur Development Programme with MSME, GoI
- Five sponsored projects obtained
- One faculty obtained Ph.D. from IIT KGP and two submitted Ph.D. thesis
- 13 Research papers in peer reviewed National/International journals / conferences
- 20 students scored in GATE & 7 in CAT. All perusing Higher study
- Mass awareness through "Theme Pavilion" in LEXPO
- 2,500 m sq land at Calcutta Leather Complex for setting up of Tanning Training & Service Centre with Italian Govt. has been acquired
- 4 faculty & 8 students were trained in Italy.



## **ENGINEERING, TECHNOLOGY AND MANAGEMENT EDUCATION**

### **4.13 INTRODUCTION OF NEW COURSES IN PRIVATE ENGINEERING & TECHNOLOGY COLLEGES IN THE ACADEMIC YEAR 2009 - 2010 :**

The State Government has taken a policy to encourage Private Institutions to introduce core disciplines (Civil, Electrical, Mechanical, etc.). Accordingly many such courses have been introduced. Details will be available at 4.2.1.C.

### **4.14 PERFORMANCE IN DIFFERENT COMPETITIVE EXAMINATION LIKE GATE, CAT BY THE STUDENTS IN THE VARIOUS ENGINEERING & TECHNOLOGY COLLEGES IN THE STATE OF WEST BENGAL.**

The students of different Government Engineering & Technology Colleges are performing good results in the competitive examination for the Higher Studies like GATE for Post Graduate Studies and CAT for Post Graduate Management Studies. Even the students in some of Private Engineering Colleges have scored very high percentile/GATE score as well as CAT score.

### **4.15 TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP)**

For TEQIP phase -1 total Project cost approved for this State by National Selection Committee under MHRD, Government of India, was Rs.147.097 crore which has been utilized properly. TEQIP phase-1 was started on January, 2005 and completed in June, 2009.

On the basis of the success achieved and lessons learned in Phase-I, implementation of TEQIP Phase-II has been conceived. State's willingness to participate in Phase – II has already been communicated to the Govt. of India. Project goal, objectives, components, mode of selection, eligibility criteria etc. have been finalized.

Preparation for drafting of Institutional development proposals have been taken up by the intending Institutions in this State under the guidance of State Project facilitation Unit.

## **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 *West Bengal State University (Barasat)***
- 5.10 *Gour Banga University***
- 5.11 *Netaji Subhas Open University***
- 5.12 *West Bengal University of Technology***
- 5.13 *Bengal Engineering & Science University***
- 5.14 *U.G.C. Recommendations for the 11th Plan***

**UNIVERSITIES**

## CHAPTER – 5

### UNIVERSITIES

#### 5.1 GENERAL INFORMATION :

Two new State-aided universities e.g. West Bengal State University, Barasat and Gour Banga University, Malda established in 2008 have consolidated their functioning. West Bengal State University, Barasat, has already set up its own campus. 161 posts of teachers (including 10 professors) and 43 non-teaching posts (including 08 officers) have been created. Similarly, for Gour Banga University, Malda 106 teaching posts (including 10 officers) have also been created during the year. Process for filling up these posts has already been initiated.

The matter of setting up of a centre of Aligarh Muslim University in Murshidabad district has taken a concrete shape. On the request of the State Government, Ministry of Water Resources, Govt. of India has conveyed 'no objection' to transfer of 259.74 acres of land for setting up a centre of Aligarh Muslim University in Murshidabad. Ministry of Human Resources Development has asked the State Govt. to approach the Farakka Barrage Project Authority to hand over the land, pending fulfillment of formalities in this regard. Interaction with that ministry as well as MHRD of Government of India is going on for early transfer of land to State Govt. and then to AMU.

Another bill has been passed for setting up one university named "Sidho-Kanho-Birsa University" in the districts of Bankura and Purulia.

The Government has decided to set up a second campus of North Bengal University in Jalpaiguri. The Vice-Chancellor of NBU has recently taken over the physical possession of 36.138 acres of land from the Jalpaiguri Govt. Engineering College. The university has prepared an estimate for Rs.25.83 crore for 1<sup>st</sup> and 2<sup>nd</sup> phase of construction work.

A bill for upgradation of Presidency College to the status of University has duly been passed. This would enable this premier institution of education of our country to function more efficiently as a teaching, training and research centre in various branches of knowledge.

An International Centre for Ecological engineering is being reorganized by Kalyani University and two posts of lecturers have been sanctioned to revitalize the existing center.

Vidyasagar University has introduced from the current academic year post graduate course in Santali Language. Five posts of lecturer and three posts of non-teaching staff have been created for this purpose.

Calcutta university has introduced 1-year PG diploma course in "Cognitive Behavioural and Existential Counselling" on self-financing basis in Psychology Department. The university has established an Institute of Foreign Studies at Alipore Campus under financial assistance of Government of India and Government of West Bengal.

## UNIVERSITIES

Master of Engineering courses in “Nuclear Engineering”, first such course in the country, has been introduced in the faculty of Engineering & Technology of Jadavpur University. Atomic Energy Regulatory Board, Government of India has approved a project for the Design and Construction of Gamma Radiation Processing Plant for the said course.

Thus total number of State aided Universities within the purview of the Department of Higher Education is now 12. First private University Act, e.g., Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT) Act, 2008 has been passed to set up a Centre of Excellence in Information and Communication Technology sector.

The State Govt. has already identified 355 acres of land for setting up of the campus of Aligarh Muslim University (AMU) in the district of Murshidabad. The site has to be vetted by AMU after joint inspection with Ministry of Human Resource Development, Govt. of India and State Govt. In addition, as a programme of the 11th Five Year Plan, the State Government has initiated the process of setting up one world class university for which 400 acres of land near Air Force Camp, Kanchrapara, 24 Pargans (North) has been earmarked. The State Government has taken up with the MHRD for finalization of the proposal after visit of a Central Team.

With a view to fulfilling the long standing demand of the people of Purulia and Bankura region, predominantly inhabited by Scheduled Caste and Scheduled Tribe, the State Government has initiated the process of setting up one university having campuses in both the districts of Purulia and Bankura. Setting up of the second campus of North Bengal University in the district of Jalpaiguri is also under consideration of the State Government.

### 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, South 24 Parganas and the Calcutta district, excluding some colleges (See the list of the colleges in the

## CHAPTER - 5

			appendix) and Serampore subdivision of the district of Hooghly.
2. Jadavpur University	24 December, 1955	Jadavpur, Calcutta –700032; Phone : 2414-6414 Fax : (91)-033-2414-6414 Website : www.jadavpur.edu Email : registrar@admn.jdvu.ac.in/pradeep1_2@vsnl.net	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 : +91-0342-2533913/14 Fax : +91-0342-253-0300 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 : E.B.Campus :2557-1028/3028/4028; J.S Campus: 2269-5242/6601/6610 Fax : 2556-8079 Website : www.rbu.ac.in Email : registra.rbu@gmail.com	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. Phone : (0353)-277-6313 Fax : (0353) 2776313 Website : http://www.nbu.ac.in Email : regnbu@sanchar.net.in	District of Cooch Behar, Darjeeling, Jalpaiguri, Malda, North Dinajpur and South Dinajpur.

## UNIVERSITIES

7. Vidyasagar University	29 September 1981	P.O. - Vidyasagar University, Dist. - Paschim Medinipur, Pin - 721102. Phone : EPABX : (03222) 276554-555557 Fax : (03222) 275329 Website : www.vidyasagar.ac.in Email : registrar@vidyasagar.ac.in	Purba and Paschim Medinipur
8. Netaji Subhas Open University	20 August 1997	1, Woodburn Park, Kolkata-700 020 Ph. : 2287-0157 Fax : (033)-2283-5082 Website : www.wbnsou.ac.in Email : nsou@cal2.vsnl.net.in	The whole of West Bengal
9. West Bengal University of Technology	7 August 2000	BF-142, Salt Lake, Sector -I Kolkata -700 064 Ph. : (033)2321-8771 Fax : (033) 2321-1032 Website : www.wbut.net/ www.wbut.ac.in Email : srislam56@yahoo.co.in/ Registra@wbut.ac.in	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 : (033) 2668-1503/2668-4561 Fax : 033-2668-2916 Website : www.becs.ac.in Email : vc@becs.ac.in	The whole of West Bengal
11. West Bengal State University, Barasat	10 <sup>th</sup> March, 2008	Barasat Govt. College, Annex Building, 10, K.W.C. Road, Kolkata-700 124, P.O. & Dist. – Barasat Ph: 033-2584-7179, Fax: 033-2584-4177	North 24-Parganas as specified and the scheduled.
12. Gour Banga University, Malda	10 <sup>th</sup> March, 2008	Malda College Campus, P.O. & Dist. Malda, Pin-732101	Uttar Dinajpur, Dakshin Dinajpur and Malda.

## CHAPTER - 5

<b>UNIVERSITIES UNDER THE JURISDICTION OF OTHER DEPARTMENTS OF THE STATE GOVT.</b>			
1. Bidhan Chandra Krishi Viswavidyalaya	1 September, 1974	P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252. Ph : (033) 2585-8163 Fax : (03473)-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@redifmail.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	



## UNIVERSITIES

### 5.1.2 FINANCIAL GRANTS RELEASED TO THE STATE-AIDED UNIVERSITIES, BENGAL ENGINEERING AND SCIENCE UNIVERSITY; W.B. STATE COUNCIL OF HIGHER EDUCATION; W.B. STATE UNIVERSITY, BARASAT; GOUR BANGA UNIVERSITY AND W.B.U.T. FROM HIGHER EDUCATION DEPARTMENT DURING 2009-2010.

(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 Construction (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	18367.14	1710.00	56.49	<b>20133.63</b>	-	-	-	90.00	<b>90.00</b>
2.	Jadavpur	14060.20	1137.36	71.78	<b>15268.70</b>	-	-	55.00	-	<b>55.00</b>
3.	Kalyani	3694.06	747.57	25.54	<b>4467.17</b>	-	-	175.54	30.00	<b>205.54</b>
4.	Burdwan	6099.87	300.30	32.60	<b>6432.77</b>	-	-	173.30	40.00	<b>213.30</b>
5.	North Bengal	4031.36	597.90	17.78	<b>4647.04</b>	-	-	376.70	-	<b>376.70</b>
6.	Rabindra Bharati	2267.20	360.00	-	<b>2627.20</b>	-	-	-	32.50	<b>32.50</b>
7.	Vidyasagar	1218.96	77.00	2.55	<b>1298.51</b>	-	1.75	205.54	26.12	<b>233.41</b>
8.	W. B. State University, Barasat	649.95	22.00	-	<b>671.95</b>	-	-	1000.00	-	<b>1000.00</b>
9.	Gour Banga University	6.00	-	-	<b>6.00</b>	-	-	520.26	-	<b>520.26</b>
10.	Netaji Subhas Open University	168.20	-	-	<b>168.20</b>	-	31.50	45.49	-	<b>76.99</b>
11.	W. B. State Council of Higher Education	31.50	<b>3.79</b>	-	<b>35.29</b>	-	10.10	-	-	<b>10.10</b>
12.	B.E. & Sc. University	2668.57	90.32	53.32	<b>2812.21</b>	-	156.48	-	-	<b>156.48</b>
13.	W. B. U. T.	265.45	-	-	<b>265.45</b>	-	202.50	-	-	202.50
14.	I. S. D. L.	-	-	-	-	-	13.50	-	-	13.50
<b>Total</b>		<b>53528.46</b>	<b>5046.24</b>	<b>259.42</b>	<b>58834.12</b>	-	<b>213.33</b>	<b>2754.33</b>	<b>218.62</b>	<b>3186.28</b>

**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.

**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, Chemistry, 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.

## UNIVERSITIES

- (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.
- (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

#### 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.

**5.2.3** 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.

**5.2.4** 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.

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

Departments of Statistics, Geology, Business Management, English.

**5.2.6** 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 in the next page :

## CHAPTER - 5

### 5.2.7 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. - 60 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	"

## UNIVERSITIES

		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  Forensic Anthropology Human Rights	M. Sc. - 28 Ph. D. Post doctoral Certificate-12 M.A.-20	”
3.	Atmospheric Science	Atmospheric Science	M. Sc. - 15 Ph. D. Post doctoral	
4.	Applied Math.	Applied Math.	M.Sc. - 44 M. Phil - 10 Ph. D Post doctoral	”
5.	Psychology	Psychology Clinical Psychology	M.Sc. - 42 (M.Phil)-10	”
6.	Pure Math.	Pure Math	M. Sc. - 70 (M. Phil) - 10	”
7.	Physics	Pure Physics	M.Sc. - 70	”
8.	Microbiology	Microbiology	M.Sc. - 15	”
9.	Environmental Science	Environmental Science	M.Sc. - 15	”
10.	Genetics	Gentics	M.Sc.-14	”

## CHAPTER - 5

11.	Applied Psychology	Applied Psychology Psychooqical Counseling Rehabilitation Psychology	M.Sc.- 38 PG Diploma - 25 PG Diploma - 20	”
12.	Statistics	Statistics Computer Applications of Statistics	M.Sc. - 35 M.Phil -12	”
13.	Chemistry	Pure Chemistry	M.Sc. - 70	”
14.	Botany	Botany	M.Sc. - 50	”
15.	Zoology	Zoology Fisheries Science	M.Sc. - 71 M.Phil-10	”
16.	Marine Science	Marine Science	M.Sc. - 28	”
17.	Biochemistry (Sc.)	Biochemistry	M.Sc. - 60	”
18.	Geography	Geography	M.Sc. - 120	”
19.	Geology	Geology	M.Sc. - 28	”
20.	Bio-Physics Molecular Biology and Bio-Informatics	Bio-Physics Molecular Biology Bio-Informatics & Bio-Physics Bio-Informatics	M.Sc. - 14 M.Sc. - 06 M.Sc. - 06	”
21.	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) Certificate (10) Agronomy (10) Seed Sc. & Technology (10) Agri. Chem. & Soil Sc. (20)	M.Sc. - 80 Ph. D. Post doctoral	” ” ” ” ” ”
<b>D. Faculty Council for P.G. Studies in Arts</b>				
1.	English Language & Literature	English Language & Literature English Effective Communication	M.A - 231 M.Phil-20 PG Certificate - 30	” ”
2.	French	French	M.A - 15	”

## UNIVERSITIES

3.	Economics	Economics Applied Economics & Information Management	M.A -220 M.Phil-15 PG Diploma -30	”
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	”
7.	Islamic History & Culture	Islamic History & Culture	M.A - 160	”
8.	Museology	Museology	M.A - 20 M.Sc - 20	”
9.	Pali	Pali  Buddhist Studies	Pre-M.A - 20 M.A – 29 M.Phil-10 PG Diploma -20 M.A.-15	”
10.	Arabic & Persian	Arabic & Persian	M.A - 58+58	”
11.	Archaeology	Archaeology	M.A - 24	”
12.	Bengali Language & Literature	Bengali Language & Literature	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 TAMIL, TIBETAN, KOREAN	Certificate 20X 13=260 Diploma - 20X 13=260	”
18.	Sociology	Sociology	M.A - 55	”
19.	Tamil Studies	Tamil Studies	M.A - 11, Diploma-20 Certificate-20	”

## CHAPTER - 5

20.	Urdu	Urdu	M.A - 75, Diploma-20 Certificate-20	”
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, Social Welfare and Business Management</b>				
1.	Commerce	Commerce	MBA in Finance - 35 M.Com -D-395 E-395 M. Phil - 15 Post Doctoral Ph.D	”
2.	Business Management	Human Resource and Organisational Management Business Management	MHROM M.B.M. - 33 Post. Doctoral Ph.D.	”
<b>F. Faculty Council for P.G. Studies in Education, Journalism and Library Science</b>				
1.	Journalism	Journalism & Mass Communication and	M.A. 50+25 1 yr. P.G. Diploma	”
2.	Media Studies : Film & Television	Media Studies : Film & Television Sports & Mass Communication Mgt.	P.G. Diploma - 55 P.G. Diploma - 30	”
3.	Library & Inf. Sc.	Library & Inf. Sc.	B. Lis - 110 M. Lis - 22 M.Phil-15	”
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 M.Phil Ph.D.	”
<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	”



## UNIVERSITIES

		Vocational Course (Major) CMEV Vocational Course (Major) CNDV	Diploma -60 B.A. -30  B.Sc.-30	
<b>Others :</b>				
<b>School</b>				
A.K. Choudhury School of Information Technology		Computer Science & Application Information Technology	M.C.A-40 M.Tech.-	
<b>Centres</b>				
1.	S.N.Pradhan Centre for Neuroscience	Neuroscience (Research Work)	M.SC-10	
2.	Centre for Studies in Book Publishing	Book Publishing Urban Management & Planning	PG Diploma-26 PG Certificate-20	
3.	University Science Instrumentation Centre	Biomedical Instrumentation Medical Instrumentation	M.Sc.10 Advanced Diploma-12	

### 5.2.8 Details of the Centres/Schools

Sl. No.	Centres / Schools	Area of Specialization
1.	A. K. Choudhury School of Information Technology	Computer Science & Application / Information Technology
2.	Centre for Studies in Book Publishing	Book Publishing
3.	Centre for Urban Economic Studies	Urban Economics/Urban Management & Planning
4.	Dr. B. C. Guha Centre for Genetic Engineering & Biotechnology	Biotechnology
5.	S. N. Pradhan Centre for Neurosciences	Neurosciences
6.	University Science Instrumentation Centre	Biomedical Instrumentation
7.	Women's Studies Research Centre	

## CHAPTER - 5

8.	Gandhian Studies Centre	
9.	S. K. Mitra Centre for Space Environment	Space Research
10.	Peace Studies Research Centre	
11.	Centre for Testing and Training for providing Technical Back up to the Beneficiaries for Agricultural Horticultural Development	Horticulture
12.	Centre for Horticultural Studies	
13.	Centre for Millimeter Wave Semiconductor Devices & Systems	Semiconductor and Electronics
14.	Centre for Pakistan and West Asian Studies	
15.	Centre for Research in Nanoscience and Nanotechnology	Nanoscience and Nanotechnology
16.	Centre for Social Sciences and Humanities	Development Studies
17.	Centre for South and Southeast Asian Studies	
18.	Centre for the Study of China and her Neighbourhood	
19.	Nehru Studies Centre	

### 5.2.9 TYPES OF COLLEGES / INSTITUTIONS

1. General Degree Colleges ( B.A./ B.Sc. / B. Com. ) – 128
2. B. Ed. Colleges / Departments / Physical Education Colleges – 33
3. Art College – 1
4. Music College – 1
5. Law Colleges – 6
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

## UNIVERSITIES

### 5.2.10 HIGHLIGHTS OF THE ACTIVITIES OF THE UNIVERSITY DURING 2009-2010

- Publications : National – More than 2,000 International – Nearly 1,500
- Award won by the faculty members : Nearly 30
- Inventions : Submitted – 41 Selected – 13
- Award won by the students : National – 141 International – 21
- Financial grant received : Rs. 171,71,76,828.00
- Library budget : Rs. 6,24,65,900.00
- Number of journals : Nearly 600
- Number of industry linkages : Nearly 50
- Percentage of placement : Technology – 90% with average salary Rs. 3.0 lakh p.a.  
Science – 25% with average salary Rs. 2.4 lakh p.a.  
Commerce & Management – 15% with average salary 2.5 lakh p.a.
- Re-Accreditation by NAAC : Grade ‘A’.

### 5.3 JADAVPUR UNIVERSITY (1955)

The intense nationalist movement during 1905-06 to unsettle the settled fact of the partition of Bengal by the British found expression in many forms, of which the establishment of a new system of education on national lines was the most important cultural expression. It was in this way that the National Council of Education (NCE), Bengal was started in 1906 “to impart education—literacy, scientific as well as technical and professional – on national lines and exclusively under national control to incorporate with the best Oriental ideals of life and thought, the best assimilable ideals of the West, and inspire students with the genuine love for and desire to serve the country”.

The National Council devoted almost the whole of its resources to technical education through its ‘College of Engineering and Technology’ to satisfy public demand. By the middle of the 1940’s, the College of Engineering and Technology, Bengal was virtually functioning as a University. After Independence the Government of West Bengal, with the concurrence of the Government of India, enacted the necessary legislation to establish Jadavpur University on the **24<sup>th</sup> December, 1955**.

Appreciating the overall development in the Engineering & Technology education and research the university received support from World Bank under its TEQIP Programme. Under this programme the university initiated activities in Mobile Computing and related areas in consonance with the contemporary needs including Disaster Management, Cognitive & Social Sciences and Nano Science & Technology.

## CHAPTER - 5

The University stands on an area of about 60 acres in the southern part of the Calcutta Metropolis about 3 km away from underground Metro Railway Station of Tollygunge. It also has a second campus covering about 20 acres of land in Salt Lake.

The University has 3 Faculties – Faculty of Engineering and Technology, Faculty of Science and Faculty of Arts. In addition, a number of Schools and Centres have been set up to initiate interdisciplinary post-graduate, doctoral and post doctoral level research programmes in emerging areas. University Grants Commission has accorded Jadavpur University the Status of University with potential for Excellence. NAAC has accredited Jadavpur University as 5 Star University in 2001 and Grade A with (CGPA 3.61) in 2008.

### 5.3.1 FACULTIES & DEPARTMENTS

**Different departments of the university with the courses at UG/PG/PG Diploma level with number of seats available to each of the courses**

**Faculty of Arts :**

Sl. No.	Name of the Subject	UG Courses	Intake	PG	Intake	M Phil.	Intake
1	Bengali	B.A.	50	MA	65	M. Phil	15
2	Comparative Literature	B.A.	50	MA	65	M. Phil	15
3	Economics	B.A.	60	MA	60	M. Phil	15
4	Education	-	-	MA	22	-	-
5	English	B.A.	50	MA	65	M. Phil	15
6	Film Studies	-	-	MA	35		-
7	History	B.A.	55	MA	65	M. Phil	15
8	International Relation	B.A.	55 – in Pol. Sc.	MA	70	M. Phil	15
9	Lib. & Inf. Sc.	BLIS	55	M.L.I.S.	15	M. Phil	10
10	Physical Education	B.P.Ed.	60	M.P. Ed.	30		-
11	Philosophy	B.A.	55	MA	65	M. Phil	15
12	Sanskrit	B.A.	50	MA	75	M. Phil	15
13	Women Studies	-	-	-	-	M. Phil	15
14	Cognitive Science	-	-	-	-	M. Phil	15

## UNIVERSITIES

### Post Graduate Evening Courses in Arts Faculty :

Sl. No.	Name of the Subject	PG	Intake
1	Bengali	MA	60
2	History	MA	60
3	Philosophy	MA	50
4	Sanskrit	MA	55

### Faculty of Science :

Sl. No.	Name of the Subject	UG Courses	Intake	PG	Intake	M Phil.	Intake
1	Physics	B.Sc.	55	M.Sc.	35		
2	Chemistry	B.Sc.	50	M.Sc.	35		
3	Mathematics	B.Sc.	70	M.Sc.	60		
4	Geological Science	B.Sc.	35	M.Sc.	27		
5	Electronics			M.Sc.	12		
6	Environmental Science					M.Phil	20
7	Biotechnology			P.G.	20		

### Post Graduate Evening Courses in Science Faculty :

Sl. No.	Name of the Subject	PG	Intake
1	Physics	M.Sc.	35
2	Chemistry	M.Sc.	35
3	Mathematics	M.Sc.	60

## CHAPTER - 5

### Faculty of Engineering & Technology :

Sl. No.	Name of the Subject	UG Courses	Intake
1	Architecture	B.Arch.	31
2	Chemical Engineering	B.E.	72
3	Civil Engineering	B.E.	103
4	Computer Sc,. & Engineering	B.E.	62
5	Construction Engineering	B.E.	36
6	Electrical Engineering	B.E.	105
7	Electronics & Telecommunication Engineering	B.E.	62
8	Information Technology	B.E.	62
9	Instrumentation & Electronics Engineering	B.E.	41
		B.Tech.	20
10	Mechanical Engineering	B.E.	105
11	Metallurgical & Material Engineering	B.E.	31
12	Pharmaceutical Tech.	B.Pharm.	62
13	Power Engineering	B.E.	41
14	Printing Engineering	B.E.	26
15	Production Engineering	B.E.	41
16	Food Tech. & Bio. Engineering	B.Tech	20

### Faculty of Engg. & Tech. (P/T) Evening Courses :

Sl. No.	Name of the Subject	PG	Intake
1	Civil Engineering	B.E. (P/T)	45
2	Electrical Engineering	B.E. (P/T)	45
3	Mechanical Engineering	B.E. (P/T)	45

## UNIVERSITIES

### Faculty of Engg. & Tech. :

Sl. No.	Name of the Subject	PG Courses	Approve Intake	Approved by
1	Architecture	M. Arch.	08	A.I.C.T.E. & Council of Architecture
2	Chemical Engineering	M.E.	19	A.I.C.T.E.
3	Civil Engineering	M.E.	25	A.I.C.T.E.
4	Computer Sc. & Engineering	M.E.	31	A.I.C.T.E.
		M. Tech.- Computer Technology (P/T)	34	A.I.C.T.E.
		M.C.A.	40	A.I.C.T.E.
5	Electrical Engineering	M.E.	25	A.I.C.T.E.
		Master – Control System	15	A.I.C.T.E.
		Master – Illumination Engg.	18	A.I.C.T.E.
6	Electronics & Telecommunication Engineering	M.E.	25	A.I.C.T.E.
		M.Tech. – VLSI Design & Micro Electronics (P/T)	18	A.I.C.T.E.
		Intelligent Automation & Robotics	18	A.I.C.T.E.
7	Information Technology	M.E. - Software Engg.	25	A.I.C.T.E.
8	Instrumentation & Electronics Engineering	M.Tech.	08	A.I.C.T.E.
9	Mechanical Engineering	M.E.	25	A.I.C.T.E.
		M.E. in Automobile Engg.	18	A.I.C.T.E.
10	Metallurgical & Material Engineering	M.E.	10	A.I.C.T.E.
		M.Tech. in Material Engg.	18	A.I.C.T.E.

**CHAPTER - 5**

<b>Sl. No.</b>	<b>Name of the Subject</b>	<b>PG Courses</b>	<b>Approve Intake</b>	<b>Approved by</b>
11	Pharmaceutical Tech.	M. Pharm.	25	A.I.C.T.E. & Pharmacy Council of India
		Master-Clinical Pharmacy & Pharmacy Practice	18	A.I.C.T.E. & Pharmacy Council of India
12	Power Engineering	M.E.	18	A.I.C.T.E.
13	Production Engineering	M.E.	13	A.I.C.T.E.
14	Food Tech. & Bio. Engineering	M. Tech.	20	A.I.C.T.E.
15	School Of Energy Studies	M. Tech.	13	A.I.C.T.E.
16	School Of Bio. Sc. & Engineering	Master	11	A.I.C.T.E.
17	School Of Water Resource Engineering	M.E.	18	A.I.C.T.E.
18	School Of Education Technology	M.Tech. – IT Courseware Engg.	18	A.I.C.T.E.
19	School Of Material Sc. & Engineering	Master- Nano Sc.	18	A.I.C.T.E.
20	School Of Education Technology	M.M.D.	22	U.G.C.
21	School Of Education Technology	M.Tech. – IT Courseware Engg. – Distance Education	180	Distance Education Council
22	School Of Education Technology	P.G. Dip. – Multimedia & web Tech. – Distance Education	50	Distance Education Council
23	School of Mobile Computing & Communication	M.Tech.- Distributing & Mobile computing	15	A.I.C.T.E.
24	Adult Continuing Education & Extension	B.Ed. – Special Education	22	U.G.C. & R.E.C.



## **UNIVERSITIES**

### **5.3.2 Interdisciplinary Schools and Centres of University**

#### **Interdisciplinary Schools and Centres of Research**

##### **SCHOOLS :**

1. School of Advanced Studies on Industrial Pollution Control Engg.
2. School of Automobile Engineering
3. School of Bioscience & Engineering
4. School of Cultural Texts & Records
5. School of Education Technology
6. School of Energy Studies
7. School of Environmental Radiation and Archaeological Sciences
8. School of Environmental Studies
9. School of Illumination Science, Engg. & Design
10. School of International Relations and Strategic Studies
11. School of Laser Sc. & Engg.
12. School of Languages
13. School of Material Science & Nano Technology
14. School of Media, Communication & Culture
15. School of Mobile Computing & communication
16. School of Natural Product Studies
17. School of Oceanographic Studies
18. School of Water Resources Engg.
19. School of Women's Studies
20. School of Nuclear Studies and Application

##### **CENTRES FOR STUDIES**

1. African Literatures & Culture (Comparative Literature)
2. Ambedkar Studies (Economics)
3. Aurobindo Study Centre
4. Cognitive Science (Philosophy)
5. Centre for Experiments in Social and Behavioural Sciences
6. Computer Aided Design ( Computer Sc, & Engg.)
7. Centre for Canadian Studies

## CHAPTER - 5

8. Condensed Matter Physics Research (Physics)
9. Counseling Services & Studies in Self-Devel (Philosophy)
10. CV Raman Centre for Physics & Music
11. Centre for Medicinal Food & Applied Nutrition
12. Distributed Computing (Computer Sc. & Engg.)
13. European Studies (History)
14. Embedded System in Instrumentation
15. Hariprasanna Biswas India –China Cultural Studies
16. Human Settlement Planning (Architecture)
17. IC Design and Fabrication (ETCE)
18. Indology (Sanskrit)
19. Knowledge Based System (Jupiter Bldg)
20. Language Studies (Bengali)
21. Latin American Literature and Culture (Comp. Literature)
22. Marxian Studies (Economics)
23. Mathematical Biology & Ecology (Mathematics)
24. Micro-Processor Application (Computer Sc. & Engg.)
25. Nuclear and Particle Physics Research (Physics)
26. Plasma Studies (Mathematics)
27. Quality Construction
28. Quality Management System (Mech. Engg.)
29. Refugee Studies (International Relations)
30. Relativity and Cosmology Research (Physics)
31. Surface Science (Chemistry)
32. Swami Vivekananda Centre for Technical Manpower Development
33. Centre for Theatre Studies
34. Translation of Indian Literatures (Centil) [Comp. Lit.]
35. Transportation Studies
36. Welding Technology (Met. & Mat Engg.)
37. Yoga (Phy. Edn)
38. V. Ravi Cnandran Centre for Pharmaceutical Sciences (Pharm. Tech.)
39. IMPACT (Com. Sc. & Engg. )

## UNIVERSITIES

### 5.3.3 HIGHLIGHTS OF THE ACHIEVEMENT AND ACTIVITIES DURING 2009-2010

Special Features :

Tutorial System : Tutorial system is in vogue in the Faculty of Arts.

Internal Assessment : The university follows internal assessment and grading system.

Employment and Guidance Bureau: The Govt. Employment and Guidance Bureau and University & Placement and Training Office are looking after the employment and Vocational Training of the students of our University every year.

Large numbers of students get employed in different multinational, Govt., IT & private manufacturing unit every year.

Jadavpur University has signed the following **Memorandum of Understanding (MoU)** with the different organizations with different scope of work during 2009 :

#### A. Memorandum of Understanding (MoU) 2009

Sl. No.	MoU/MoA Between	Date of Execution / Duration	Contact Person(s) / Address(es)	Scope of Work	Remarks
F-01/09	Rosa-Luxemburg-Stiftung And Jadavpur University	01.01.2009 1 year.	Samita Sen, Director, School of Women's Studies.	Re-Negotiating Gender Relations in Marriage. Family, Class and Community in Kolkata in the Era of Globalisation.	Original copy is at hand.  See-F7/07
F-02/09	SEPHIS International Institute of Social History And Jadavpr University.	01.01.2009 1 year	Samita Sen, Director, School of Women's Studies.	Activites of E-zine.	Xerox copy is at hand. E.C. Resolution No.23 dt.25.06.08.
F-03/09	Maltepe University (Turkey) And Jadavpur University.	10.01.2009 2 years.	Pratulananda Das, Reader in Mathematics.	Research work in Pure Mathematics.	Original copy is at hand. E.C. Resolution No.13 dt.09.03.09.

## CHAPTER - 5

G-04/09	Bhabha Atomic Research Centre (BARC)	14.01.2009	Amitava Gupta, School of Nuclear Studies.	Nuclear Studies and Application.	Original copy is at hand.
G-05/09	National Instruments Limited And Jadavpur University	19.01.2009	Mr. K. Rungta, Chairman, Managing Director, NIL	To transfer all existing employees o NIL to JU.	Original Copy is at hand. E.C. Resolution No.2 dt.14.01.09.
G-06/09	Duckbill Drugs Pvt. Ltd. And Jadavpur University.	21.01.2009	T.K.Chatterjee, PI, CRO	Formulation of herbal and modern products; Design data, calculation and information.	Original copy is at hand. E.C. Resolution No.3 dt.14.01.09.
P-07/09	Allied Publishers Private Limited And Jadavpur University.	21.01.2009	Basabi Bhattacharya, Professor, Economics.	Publishing a book entitled "A collection of essays on finance"	Original copy is at hand.
G-08/09	Bhabha Atomic Research Centre And Jadavpur University.	22.01.2009 38 months.	Nirmal Kumar Manna	Code development for Numerical Simulation of Premixing phase of FCI in Indian PHWR.	Original Copy is at hand. E.C. Resolution No.6 dt.10.12.08.
G-09/09	TIFAC And Jadavpur University And Barupur Surgical Instruments' Manufacturers' Welfare Apex Association	27.01.2009 6 years.	D.N Tibarewala, Director, School of Bioscience & Engg.	To set up a R & D Centre or Technology Incubation Center at J.U.	Original copy is at hand. E.C. Resolution No. 3(d) dt.10.02.09
F-10/09	Interuniversitair Macro-Electronica Centrum (IMEC), Belgium. And Jadavpur University.	29.01.2009 5 years.	Prof. Hiranmay Saha, Dept. of ETCE.	Non-Disclosure Agreement for data and documentation co-operation between two parties.	Xerox copy is at hand. E.C.Resolution No.16(b) dt.14.01.09
G-11/09	Bhabha Atomic Research Centre And Jadavpur university	February, 2009 38 months.	Koushik Ghosh, Lecturer, Mechanical Engg.	Clad Behaviour under accident conditions.	Original copy is at hand. E.C. Resolution No.16(a) dt.14.01.09

## UNIVERSITIES

P-12/09	Jadavpur University And Codex Publisher & Book Seller	09-02-2009 5 years.	Prof. Madhumita Chattopadhyay, Head, Dept. of Philosophy.	Publishing a book entitled "Perspectives on Education".	Original copy is at hand. E.C. Resolution No.16 dt.14.01.09
F-13/09	Jadavpur University And University of Nice Sophia-Antipolis	17.02.09 3 years	Ujjwal Maulik, Deptt. Of Computer Science.	Frame Work Partnership; to enhance the international cooperation capacity of universities in Third- countries by facilitating transfer of know-how and good practices in the field of student and academic staff mobility.	Original copy is at hand. E.C. Resolution No.3 dt.10.02.09
G-14/09	Bhabha Atomic Research Centre And Jadavpur University (Large-Scale Molten... Study)	17.02.2009 38 months.	Swarnendu Sen, Department of Mechanical Engineering.	Large-Scale Molten Material-Coolant Interaction Study.	Signed copy is not at hand. E.C. Resolution No.3 dt.14.01.09
F-15/09	Jadavpur University And Intellectual Ventures Asia Pvt. Ltd.	20.02.2009 3 years	Registrar, JU	Exclusive License Agreement.	Original copy is at hand. E.C. Resolution No.(3b) dt.14.01.09
G-16/09	United Nation Development Programme (UNDP) And Jadavpur University.	24.02.2009 115 days	Dr. Rajat Acharyya, Dr. Saikat Sinha Roy, Joint Directors.	Project on strategies and Preparedness for Trade and Globalization in India.	Original copy is at hand. (renewal)
G-17/09	Smt. Gayatri Mukherjee And Jadavpur University	25.02.09 3 years	S.G.S (Deputy Registrar)	Deed for Prof. Debabrata Mukherjee Memorial Book Prize	Original copy is at hand.

## CHAPTER - 5

A-18/09	Silence Training Institute And Jadavpur University.	27.02.2009	Head, DACEE	One year "Computer Operation Course for Persons with Special Needs".	Original copy is at hand.
G-19/09	Jadavpur University And Alumni Association, N.C.E.Bengal.	March, 2009	Chandan Manjumdar, Secretary, Alumni Association.		Original copy is at hand. E.C. Resolution No.3(a) dt.10.02.09
F-20/09	Jadavpur University And Ulysses Research Foundation (URF)	20.03.2009 2 years.	Pulak Mukherjee, Deptt. Of Pharmaceutical.	Development and evaluation of natural products based formulations.	Original Copy is at hand. E.C. Resolution No.3 (b) dt.10.02.09
F-21/09	Erasmus Mundus External Co-operation window And Jadavpur University	02.03.2009	Sushmita Ghosh, Dept. of Computer Engineering.	Fee waiver policy for incoming students.	Original copy is at hand only for filing.
A-22/09	Child In Need Institute (CINI) And Jadavpur University.	Extension by letter dt. 03.03.2009	Head, DACEE	"RCH Management Course".	Original copy is at hand.
P-23/09	Jadavpur University And Codex Publisher & Book Seller	24.03.2009 5 years	Smita Sirker, Amita Chatterjee, Lecturer, Dept. of Philosophy.	Publishing a book entitled "Mental reasoning : Experiments and Theories"	Original copy is at hand. E.C. Resolution No.18(c) dt.20.05.09
P-24/09	Jadavpur University And Gangchil	24.03.2009 5 years	Lopamudra Choudhury, Reader, Dept. of Philosophy.	Publishing a book entitled "Determinants of Perception"	Original copy is at hand.
P-25/09	Jadavpur University And Gangchil	24.03.2009 5 years	Sadhan Chakraborty, Prof., Dept. of Philosophy.	Publishing a book entitled "Ethical Issues in Mental Health Services"	Original copy is at hand. E.C. Resolution No.26(a) dt.26.08.09

## UNIVERSITIES

P-26/09	Jadavpur University And Gangchil	24.03.2009 5 years	Sadhan Chakraborty, Prof., Dept. of Philosophy.	Publishing a book entitled "Belife and Well-being : an Exploration of Indian Psyche"	Original copy is at hand. E.C. Resolution No.13(a) dt.26.08.09
P-27/09	Jadavpur University And Maha Bodhi Book Agency.	25.03.2009 5 years.	Ratna Dautta Sharma, Prof. Department of Philosophy.	Publishing a book entitled "Naya Darshane Nigrahasthana."	Original copy is at hand. E.C. Resolution No.18 dt.20.05.09
P-28/09	Jadavpur University And Maha Bodhi Book Agency.	25.03.2009 5 years.	Rupa Bandopadhyay, Prof. Department of Philosophy.	Publishing a book entitled "Indian Theories of Illusion."	Original copy is at hand. E.C. Resolution No.14(b) dt.08.04.09
P-29/09	Jadavpur University And Maha Bodhi Book Agency.	25.03.2009 5 years.	Indrani Sanyal, Prof. Department of Philosophy.	Publishing a book entitled "Philosophy and Yoga from Sri Aurobindo's View Points."	Original copy is at hand. E.C. Resolution No.18 dt.20.05.09
G-30/09	Jadavpur University And Indian Institute of Remote Sensing.	26.03.2009 5 years.	Sugata Hazra, Dept. of Oceanographic studies.	Exchange of knowledge and data pertaining to the projects of regional, national and international importance.	Original copy is at hand.
P-31/09	Jadavpur University And Decent Books	27.03.2009 5 years.	Indrani Sanyal, Department of Philosophy.	Publishing a book entitled "Ethics and Culture : Some Indian Reflections.	Xerox copy is at hand. E.C. Resolution No.18 dt.20.05.09
G-32/09	Jadavpur University And Escola De Arte "Antonio Failde", Spain. (Letter of Intent)	31.03.2009 Oct. to December 2009.		Student Exchange programme.	Original letter is at hand.

## CHAPTER - 5

G-33/09	Department of Food Processing Industries and Horticulture, Govt. of W.B. And Jadavpur University.	April, 2009	Prof. P. Chakraborty, Co-ordinator of R/P Food Wradiation Plant.	The project will have twin objective of promoting research and development activities in the specified field.	Original copy is not at hand. E.C. Resolution No.42 dt.08.04.09
F-34/09	Babes-Bolyai University Cluj-Napoca And Jadavpur University.	03.04.2009 5 years.	Madhumita Chattopadhyay	Exchange of Teaching staff and administrative staff.	Xerox copy is at hand. E.C. Resolution No.9 dt.27.08.08
A-35/09	Globsyn Technology Limited. And Jadavpur University.	Extension by letter dt. 27.04.2009	Head, DACEE	Diploma Course in " Software Engineering and Business Management.	Original copy is at hand.
G-36/09	Jadavpur University And M/S. CMC Limited	28.04.2009 3 years.	Prof. Samar Bhattacharya, Director, School of Education Technology	The main objective of the Distance Education Partner would be to set up the necessary infrastructure for the Multi-modal Distance Education Programme.	Original copy is at hand.
F-37/09 See- F-17/07	Exchange agreement between University degli Studi di Milano-Bicocca And Jadavpur University.	06.05.2009 2008 to 2011	Manoranjan Khan, Center for Plasma Studies.	Students Exchange Programme.	Xerox copy is at hand.
F-38/09	International Institute for Applied Systems Analysis (IIASA), Austria. And Jadavpur University.	08.05.2009	Joyashree Roy, Dept. of Economics.	Global change programme.	Original copy is at hand. Approved by V.C.
F-39/09	Jadavpur University And Utrecht University School of Economics (Netherlands)	27.05.2009	Joyashree Roy, Dept. of Economics.	Exchange of teaching and research staff, students, academic information.	Original copy is at hand.



## UNIVERSITIES

G-40/09	Department of Biotechnology, Ministry of Science and Technology, Government of India (DBT) And Jadavpur University.	00.06.2009	Kajari Kargupta, Prof. Chemical Engg., J.U.	Development of Optimally Controlled Drug Release Device using Multi-layered Electro-active Nano-polymers.	Xerox copy is at hand.
G-41/09	Jadavpur University And Oxford Centre for Hindu Studies.	09.06.2009 5 years.	Prof. Piyali Palit, Dept. of Philosophy.	Developing an academic Exchange programme in areas of mutual academic interest.	Xerox copy is at hand. E.C. Resolution No.6 dt.27.04.09
A-42/09	Nopany Charitable Trust And Jadavpur University	Extension letter dt. 11.06.2009	Head, DACEE	Training course of "Educational Administration".	Original copy is at hand.
A-43/09	St. Thomas' Technical Training Centre And Jadavpur University	Extension letter dt. 24.06.2009	Head, DACEE	Training course of "Basic Networking".	Original copy is at hand.
G-44/09	Proposed Solution Specific Agreement Intellectual Ventures Asia Pte. Ltd. And Jadavpur University	17.06.2009	Sibaji Chakraborty, Dept. of Electrical Engg.	The Proposed Solutions titled " Condition Monitoring of Remote High Voltage Insulators through Cellular Network".	Original copy is at hand. E.C. Resolution No.14(c) dt.08.04.09
G-45/09	Proposed Solution Specific Agreement Intellectual Ventures Asia Pte. Ltd. And Jadavpur University	17.06.2009	Brajadulal Chattopdadyay, Dept. of Physics	The Proposed Solutions titled " Discovery of a novel protein from a hot spring bacterium for biotechnological application in concrete."	Original copy is at hand.
F-46/09	Romanian Academy Cluj-Napoca And Jadavpur University.	23.06.2009 5 years.	Madhumita Chattopadhyay, Dept. of Philosophy.	Promote institutional exchange lecturer, administrative staff, development of research.	Original copy is at hand. E.C. Resolution No.24 dt.27.04.09

## CHAPTER - 5

G-47/09	World Wide Fund for Nature-India And Jadavpur University	26.06.2009 1 year	Prof. Joysree Roy, Ashis Majumdar, Dept. of Economics.	Global Exchange Programme.	Original copy is at hand. E.C. Resolution No.3 dt.08.07.09
G-48/09	Proposed Solution Specific Agreement Intellectual Ventures Asia Pte. Ltd. And Jadavpur University	30.06.2009	Debotosh Bhattacharjee,.	The Proposed Solutions titled " A High Speed Hardware for Median Filtering".	Original copy is at hand.
G-49/09	Proposed Solution Specific Agreement Intellectual Ventures Asia Pte. Ltd. And Jadavpur University	01.07.2009	Debotosh Bhattacharjee,.	The Proposed Solutions titled " A High Speed pipeline architecture for FPGA implementation of unsigned division operation using extended reciprocal method".	Original copy is at hand.
G-50/09	Jadavpur University And Security Enterprises	01.07.2009	I.B. (A.O.)	Security Service provider deploying security staff.	To be executed.
G-51/09	Bhabha Atomic Research Centre (BARC) And Jadavpur University.	15.07.2009 36 months	Sanjib Kumar Acharyya.	Fracture toughness tests for CT specimen at multiple temperatures, between -175°C and room temperature.	Original copy is at hand. E.C. Resolution No.29(a) dt.08.07.09
G-52/09	Bhabha Atomic Research Centre (BARC) And Jadavpur University.	20.07.2009 33 months.	Sandip Das, Lecturer, Mechanical Engineering.	Thermal-Hydraulic Study for PHWR Channel Blodown.	Original copy is at hand. E.C. Resolution No.33 dt.08.04.09

## UNIVERSITIES

G-53/09	Council of Scientific and Industrial Research (CSIR) And Jadavpur University.	00.07.2009	Prof. Hiranmay Saha, Prof. ETCE	The "Sensor Hub" established and implementation.	Xerox copy is at hand. (under processing)
F-54/09	Drugs and Pharmaceuticals Research Programme of Technology Development and Transfer Division, Dept. of Science and Technology (DST) And Jadavpur University.	00.08.2009 12 years.	Pulok Mukherjee, Dept. of Pharmaceutical Engg.	'Anti aging and Anti wrinkle formulation with matrix metalloproteinase inhibitory activity from natural resources'.	Xerox copy is at hand. E.C. Resolution No.10 dt.29.07.09
F-55/09	ABB Juergen Dormann Foundation for Engineering Education, Switzerland And Jadavpur University.	06.08.2009 5 years.	Sibaji Chakraborty	Contract for Scholarship program.	Original Copy is at hand. E.C. Resolution No.29 dt.08.07.09
G-56/09	Welfare Society For the Blind And Jadavpur University.	11.09.2009 6 months	Dipanwita Ghosh Coordinator, Special Education & HEPSN Cell.	Vocational training in Computer Basic through Reading Software To educate technically VH students.	Original Copy is at hand. E.C. Resolution No.26 dt.26.08.09
G-57/09	Builders' Association of India And Jadavpur University.	14.09.2009 1 year	Head, Dept. of Adult Continuing Education and Extension	One-year Diploma Course in "Construction Supervisor".	Xerox copy is at hand. E.C. Resolution No. 3(b) dt.08.07.09

## CHAPTER - 5

G-58/09	Deed of Agreement Between 'Pratham Alo' (Engineering Students passed out in 1959 from J.U.) And Jadavpur University.	15.09.2009 3 years	S.G.S., Deputy Registrar, J.U.	Fiftyniners Scholarship Fund.	Original copy is at hand. E.C. Resolution No.25 dt.08.07.09
F-59/09	Royal Institution for the Advancement of Learning/McGill University And Jadavpur University	16.09.2009 3 years	Paromita Chakravarti, Reader, Dept. of English.	Project entitled "Women's Empowerment and Education: Panchayats and Women's Self Help Groups in India."	Original copy is at hand. E.C. Resolution No.3 dt.11.11.09
G-60/09	World Wide Fund for Nature – India And Jadavpur University.	22.09.2009 6 month.	Sugata Hazra, Oceanographic Studies.	The main goal of the project is vulnerability assessment of Sundarban Island system.	Original copy is at hand. Approved by V.C.
P-61/09	Jadavpur University And Minerva Associates (Publications)	20.10.2009 5 years	Purusottam Bhattacharya, Dept. of IR	Publishing a book entitled "Directed Jihad : Berlin, Washington and the Sword of Islam authored by Prof. Jyotirmoy Banerjee, Dept. of I.R.	Original copy is at hand. Approved by V.C. dt. 13.10.09
G-62/09	Ministry of Micro, Small & Medium Enterprises, Government of India (MSME) And Jadavpur University.	26.10.2009	Asis Mazumdar	Entrepreneurial and managerial development of SMES through incubators.	Xerox copy is at hand. E.C. Resolution No.20dt.17.06.09
F-63/09	The University of Parma-Universita degli studi di Parma (Itali) And Jadavpur University.	27.10.2009 5 years	Gupinath Bhandari, Lecturer, School of Oceanographic Studies.	Exchange of Professor, researcher, students.	Original copy is at hand. E.C. Reso. No. 14 dt. 08.04.09

## UNIVERSITIES

G-64/09	Jadavpur University And Inter State Security Agency	16.11.2009 6 months	A.O.	Service provider deploying Grass and general maintenance staff.	Original copy is at hand. E.C. Reso. No.46 dt. 26.08.09
G-65/09	Jadavpur University And Inter State Security Agency	16.11.2009	A.O.	Service provider deploying Cleaning and Jungle Cutting and general maintenance staff of all Ladies Toilets in both the campuses.	To be executed.
G-66/09	Surya Herbal Limited, Noida And Jadavpur University	23.11.2009	Dr.T.K.Chatterjee, Dept. of Pharmaceutical.	Conduction research in herbal and modern research drugs and healthcare item.	Original copy is at hand. E.C. Reso. No.46 dt. 26.08.09
G-67/09	Jadavpur University And Germicide House Keeping Agency Pvt. Ltd.	01.12.2009		Service provider deploying Cleaning and Maintenance staff of all Toilets in all Hostels for both the Campuses.	To be executed.
G-68/09	Jadavpur University And MSTC Ltd.			Integrity Pact	To be executed.
G-69/09	Jadavpur University And Inter State Security Agency	16.11.2009 6 months	A.O.,	Service provider deploying cleaning and maintenance staff.	Original copy is at hand. E.C. Reso. No.46 dt. 26.08.09
G-70/09	Honeywell Technology Solutions Lab Private Limited. And Jadavpur University.	23.11.09.	Prof. Hiranmay Saha, ETCE	Research and development activities.	Xerox copy is at hand. E.C. Resolution No.44 dt.08.04.09

## CHAPTER - 5

G-71/09	Ankur And Jadavpur University	25.11.2009 4 months	Dipanwita Ghosh, Coordinator, Special Education	Vocational Training in Computer Basic.	Original copy is at hand.
F-72/09	Executive Protocol between Universita Degli Studi Di Milano-Facolta Di Lettere Filosofia And Jadavpur University		Supriya Chaudhuri, Dept. of English	Teaching Staff and student exchange programme.	To be Executed.
G-73/09	Bhabha Atomic Research Centre And Jadavpur University.	31.12.2009	B. Bhattacharyya, Production Engg.	Optimization of Electrochemical Micromachining Process for 3D Fine Pattern Generation.	Xerox copy is at hand.

A - Adult Continuing Education and Extension

F - Foreign

G - General

P - Publishers

**B. Jadavpur University published the research Publication in the session 2009-10 is 1200**

**C. During the last year total number of Ph.D. awarded :**

Sl. No.	Doctor of Philosophy	
1	Arts	66
2	Engineering	77
3	Pharmacy	20
4	Science	247
	Total	410

## UNIVERSITIES

### D. Distance Education.

The Directorate of the Distance Education and the School of Education Technology also train skills for distance education, courseware engineers, and develop necessary teaching tools, Sir C.V. Raman Centre for Physics and Music is working towards developing algorithm for distance learning of Indian classical music.

JU has already started two Distance Education courses through Multi Modal Distance Education :

Name of the School	Course name	Approved By
School of Education Technology	M.Tech. – IT Courseware Engg. – Distance Education	Distance Education Council
School of Education Technology	P.G. Dip. – Multimedia & Web Tech. – Distance Education	Distance Education Council

### 5.4 RABINDRA BHARATI UNIVERSITY (1962)

Rabindrabharati University which started its voyage on May 8, 1962, with a view to commemorate the birth centenary of the visionary poet Rabindranath Tagore, has reached another turning point in the form of celebrating an illustrious milestone i.e. 150<sup>th</sup> birth centenary of Tagore. Founded with a view to disseminating knowledge in tune with Tagores ideas and concepts, the University amidst several constraints had traversed a long way and succeeded in consolidating itself as a citadel of learning and earned the accolade of singular State University in entire eastern India, imparting higher education in fine Arts and Visual Arts.

Thus quality education which will necessary be a conglomeration of values, nurtured by Indian ethos of life and contemporary advanced knowledge in various branches of learning, has been recognized as the avowed educational and cultural goal of Rabindra-Bharati University. To fulfill the proclaimed objective the University had take upon it self the task of standardizing value based education in conformity with the cherished ideals of Indian life and culture and at the same time adopted contemporary ideas and modern technology in accordance with the demand of the society and system, it is this avowed synthesis of past and present, a judicious overview and assisted in establishing itself as a pioneer institution, dedicated to the task of promoting Arts, Fine Arts and Visual Arts in the state and also into a cradle for rearing generations of talented young artists.

## CHAPTER - 5

### 5.4.1 Different Departments of the University with the courses at UG/PG/PG-Diploma level with number of seats available to each of the courses :

The University has 3 Faculties - Arts, Fine Arts and Visual Arts. In Arts Faculty there are 14 Departments- Bengali, English, Sanskrit, History, Pol.Science, Philosophy, Economics, Education, Mathematics, Geography, Hindi, Sociology, Environmental Studies and Human Rights.

In Fine Arts Faculty there are 8 Departments- Rabindra Sangit, Vocal Music, Dance, Drama, Percussion, Instrumental music, Musicology and Mass Communication.

In Visual Arts Faculty there are 6 Departments- Painting, Graphics, Applied Arts, Sculpture, History of Arts and Musciology,

### 5.4.2 No. of Affiliated College

The University has only one affiliated college. The name of the college is The Indian College of Arts and Draughtmanship which has only one course B.V.A and its Intake capacity is 130.

### 5.4.3 Schools and Centres of University

At present there are 33 Research Centres.

### 5.4.4 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.)

FACULTY OF ARTS				
Course	Departments	Subject offered	Course with Intake Capacity	Selection Criteria In order of Merit
B.A. (HONS.)/ M.A./ MPHIL.	Bengali	Bengali	M.A.- 280 M.Phil - 18 B.A(Hons.) - 105	"
	English	English	M.A.- 280 M.Phil - 14 B.A(Hons.) - 105	"
	Sanskrit	Sanskrit	M.A.- 280 M.Phil- 16 B.A(Hons.) - 105	"



## UNIVERSITIES

	Political Science	Political Science	M.A.- 280 M.Phil-15 B.A(Hons.) - 105	"
	History	History	M.A.- 280 M.Phil-16 B.A (Hons.) - 105	"
	Philosophy	Philosophy	M.A.- 280 M.Phil-15 B.A(Hons.) - 105	"
	Economics	Economics	M.A.- 280 M.Phil-08 B.A(Hons.) - 105	"
	Mathematics	Mathematics	M.A.- 55	"
	Education	Education	M.A.- 20 M. Phil - 10	"
	Geography	Geography	M.A. - 80	"
	Hindi	Hindi	M.A. - 60	"
	Sociology	Sociology	M.A. - 60	"
	Envs	Envs	M.A. - 60	"
	Human Right	Human Right	M.A. - 20	"
	Human Dev	Human Dev	M. Phil - 06	"
	Santali	Santali	M. Phil - 10	"
	Wm. Std.	Wm. Std	M. Phil - 10	"
	Com. Liter	Com. Liter	M. Phil - 10	"
<b>TOTAL INTAKE : B.A. (HONS) : 735; M.A. : 2315; M. PHIL : 148</b>				
<b>B.ED/ B.LICS/ M.LICS</b>	B. Ed.	B. Ed.	60	"
	B. Ed. Spl.	B. Ed. Spl.	20	"
	B. Lics.	B. Lics.	40	"
	M. Lics	M. Lics.	10	"
<b>TOTAL INTAKE : B.Ed.; B.Ed. Spl.; B.Lics; M.Lics : 130</b>				

## CHAPTER - 5

<b>FACULTY OF FINE ARTS</b>				
1	Rabindra Sangeet	Rabindra Sangeet	M.A.- 140 B.A(Hons.)- 120 M.Phil - B.A(Spl.Hons.)-20	”
2	Vocal Music	Vocal Music	M.A.- 140 B.A(Hons.)- 120 M.Phil - B.A(Spl.Hons.)-20	
3	Dance	Dance	M.A.- 70 B.A(Hons.)- 40 M.Phil - B.A(Spl.Hons.)-15	”
4	Drama	Drama	M.A.- 50 B.A(Hons.)- 40 M.Phil - B.A(Spl.Hons.)-15	”
5	Ins. Music	Ins. Music	M.A.- 25 B.A(Hons.)- 15 M.Phil - B.A(Spl.Hons.)-05	”
6	Percussion	Percussion	M.A.- 45 B.A(Hons.)- 30 M.Phil - B.A(Spl.Hons.)-10	”
7	Musicology	Musicology	M.A.- 40	”
8	Mass Com. & Videography	Mass Com. & Videography	M.A.- 40	”
<b>TOTAL INTAKE : B.A. (HONS) : 365; M.A. : 550; M. PHIL B.A. (Spl. Hons.) : 85</b>				
<b>FACULTY OF VISUAL ARTS</b>				
9	Foundation	Foundation	M.V.A-12 B.F.A.-40	
10	Painting	Painting	M.F.A-12	”
11	Applied Art	Applied Art	M.F.A-07	”
12	Graphics	Graphics	M.F.A-07	”
13	Sculpture	Sculpture	M.F.A-09	”
14	History of Art	History of Art	M.F.A-05	”
15	Museology	Museology	M.F.A-30	”
<b>Total :</b>			<b>70</b>	

## UNIVERSITIES

### 5.4.5 Highlights of the important activities and achievements during the year

#### i) The research publications during the session 2009-2010

- Language and Communication A Philosophical Study Edited by. Sandhya Basu & Madhucchanda Sen.
- Language of Epistemology - Sandhya Basu.
- Language of Cognition and Conation in Kant's Philosophy- Sandhya Basu.
- Empiricism and the Two Dogmas -Ed. Nirmalya Narayan Chakraborty & Madhuchhanda Sen.
- Kanaditippani- Ed. Prof. Subuddhi Charan Goswami.
- Studies in Methaphysics and Science- Minakshi Roy Chowdhury.
- Perspectives on Radhakrishnan- Ed. N.N. Chakraborty.
- Perspectives on Radhakrishnan - Ed. N.N. Chakraborty.
- Proper "Names of Persons in Vedic Literature - Samiran Chakraborty.
- Indian Etymologists and their Etymologies - Dipak Bhattacharya.
- Destination Museum- Shyamalkanti Chakraborty.
- Studies in Aesthetics- Pravas Jiban Chowdhury.
- New English Literature- Ed. Prof. Chidananda Bhattacharya.
- Rabindranath Tagore : A Journey through the Lenses-Ed. Subir Kumar Dhar.
- Pictorial Sojourn of Rabindranath Taogre-Ed. Subir Kumar Dhar.
- Rabindranath Tagore: New Translation in ten language- Ed. Prof. Subir Kumar Dhar.
- Setasamgra of Gangadhara- Ed. Parboti Chakraborty.
- Bengali Research Publication.

#### ii) Patents earned - Nil.

#### iii) Ph.D awarded- in the 35<sup>th</sup> Convocation of the University held on 08/05/2010 : 28 candidates are awarded the Ph.D degree.

#### iv) Collaboration with foreign universities -

## CHAPTER - 5

- (1) **With the University of Italy : Rabindra Baharati University signed a memorandum of Understanding (MoU)** (along with the University of Calcutta and Jadavpur University) with
- (a) Università degli studi di Roma la Sapienza, (b)Università di napoli 1'orientale, (c)Università di Torino,
  - (d) University degli Studi di Milano (in 2003, renewed in 2008),
  - (e) Università delgi Studi Alma Mater di Bologna (in 2008).
- (2) **Our University has signed MoU with Universities of China**
- (a) Yunnan University, Kunming;
  - (b) Beijing University.
  - (c) Foreign Studies University of China.
- (3) MoU is also signed with University of Performing Arts and Fine Arts, Colombo, Srilanka
- (4) MoU is also signed with Saka University of Japan.
- (e) Distance Education- The University has both UG and PG courses, the Enrolment of the 2009-2010
- (f) Central fund received during the year:- Rs.246.92 lac.

### 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 15<sup>th</sup> 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 of the University is at Bidhannagar, Salt Lake City, Kolkata.

## UNIVERSITIES

### 5.5.1 FACULTIES & DEPARTMENTS :

Different departments of the university with the courses at UG/PG/PG Diploma level with number of seats available to each of the courses

Course	Subject	No. of seats	Session/ Duration	Eligibility	Mode of selection	Availability of Form
M.Tech	Electronics & Communication Engineering (Micro-waves)	15	2 yrs	BE/B.Tech in Electronics/ Elec & Telecom Engg/ RadioPhysics and Electronics with atleast 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	4 yrs	H.S. or equivalent in Science Stream	Joint Entrance Exam. Conducted by W.B.	
M.Sc / M.A.	Physics Chemistry Botany Zoology Math Statistics Geography** English Bengali Philosophy Political Sc Sanskrit Hindi Economics** History Sociology	52+18*+30* 46+15*+30* 55 50+ 75+35*+30* 30 50+17*+30* 100+100*+60* 125+120*+60* 85 102+40* 100 65 87 90+60** 50	2 yrs June-May	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 Grade mark is prepared on the basis of weightage : Hons. 60%; SF & HS-20% each	July/ August (After Publication on of Hons. Results) July/ August (After Publication on of Hons. Results)
M.Sc	Environmental Science	25	2- yrs	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

## CHAPTER - 5

	Bio-technology	25 [10 seats - on the recommendation of DBT, New Delhi]	2- yrs June-May	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 in written test - 60%	July / Aug
	Microbiology	16	2 yrs	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
MA	Mass Communication	50 July-June	2 yrs June-May	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*	2 yrs June-May	Hons. Graduate under 10+2+3 system	Grade mark is prepared on the basis of weightage : Hons. 60%; SF & HS-20% each	July/ August After publication of Hons. Results

## UNIVERSITIES

MCA	Computer Science	20	3 yrs June-May	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	Hons. Graduate with 50% marks in Hons. Subject and having Mathematics as one of the combination subject And/or BCA/BE/ B.Tech/B.Sc in Comp.Sc/ B.Sc in IT/ e-commerce with 60% marks	March/ April
MBA	Business Administration	30	2 yrs June-May	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	2 yr July	Graduates under 10+2+3 system	MAT + viva-voce + Group Discussion	Feb/Mar
MBA (HR)	Human Resource	30	2 yrs Jan-Dec	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

## CHAPTER - 5

M. Phil	Zoology	10	1 yr	MSc (Zoo) with 55% marks [50% for SC/STs]	Academic records + Performance in Viva-voce test	May-June
	English Bengali Philosophy Political Sc Sanskrit Economics History Commerce	25(each)	1 yr	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)	1 yr	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.		27	2 yrs June-May	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+80*	3 yrs	Any. Graduates under 10+2+3 system securing atleast 40% marks in graduate level (35% for SC/ST)	Written admission test	Sep / Oct
MLIS	Library & Information Science	15		BLIS	According to marks basis	Sep / Oct



## UNIVERSITIES

BLIS	“	64	2 yrs	Any. Graduates under 10+2+3 system . Preference will be given to PG students	According to marks basis	Sep / Oct
PG Diploma	Population Education	20	1 yr Diploma	Graduates in any discipline. Few seats are reserved for sponsored Govt/Non-Govt. institutions	Written admission test	May / June
	Bio-Informatics	25				
Diplo- ma/Cer- tificate/ Adv. Diploma Course	Foreign Languages: French German Russian	100	1 yr June-May	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 General Degree College / Constituent colleges.

\*\* Post-graduate courses taught in Additional shift (Evening)

\*\*\* 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. norms.

### 5.5.2 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 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 Gaziabad (U.P.) & Nagpur (Maharashtra).

### Diploma & Certificate Courses :

Foreign Languages (French, Russian and German), Population Education, Blood Doner Motivation, Mother-Childcare & Family Welfare, Yoga Therapy, Special Education (Mental Retardation), Medical Laboratory Technology and Art & Design are also offered.

### Vocational Courses :

#### ◆ At Benoy Krishna Choudhury Rural Technology Centre of University of Burdwan :

The following Production-cum-Training programmes are conducted under the Centre - Ducktery 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 provide immense help to the students and the surrounding willing people to know about the Space Science.

#### ◆ At Adult Continuing Education & Extension, Burdwan

##### One-year PG-Diploma Course in Population Education

Certificate course in Blood Doner Motivation

One year Certificate course in Mother-Child Care & Family Welfare at Community Medicine of Burdwan Medical College

Two year PG Diploma course in Yoga Therapy

## UNIVERSITIES

- ◆ At Ananda Niketan, Katwa : PG Diploma in Special Education (Mental Retardation)
- ◆ At College of Art & Design : Diploma and Certificate course in 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** : Scholars get financial support from various sponsored agencies like UGC, DRDO, ICMR, MOEF, CSIR, ICSSR & DST (under FIST Programme). Spectacular achievement in this arena are very much praise-worthy.

### New Courses introduced in the Affiliated Colleges

B.Sc in Microbiology (Hons)	Nutrition (Hons.)	3 yrs. LL.B. & 5 –yrs LL.B.(Hons)
B.Sc in Environmental Science (Hons)	B.Sc in Computer Science(Hons)	Education (Hons)
Santali (Hons)	MA (Social work)	MA (French)

PG Diploma in Health Management has been introduced at Health Vision and Research (HVR), Kolkata as a joint venture with the University (ACE&E Department).

### 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	Rural Development	Mathematical Modelling
Tourism & Travel Management	Community Development	Pathological testing
Journalism Clinical	Waste Management & Pollution Control	

### Vocational Courses introduced in the Affiliated Colleges

Industrial Fish & Fisheries	Communicative English	Computer Applications
Tax Procedure & Practices Advertising	Rural Handicrafts	Office Management & Secretarial Practice
Sales Practice and Sales Management	Sericulture	Environment & Water Management

#### 5.5.3 Highlights of major achievements/activities during the year

- The University has constituted a committee for setting up of a Music Archive on Bharatratna Lata Mangeshkar with the full financial help from the Ministry of Culture, Govt. of India.
- The University of Burdwan recollects its glory and achievements by celebrating its 'Golden Jubilee' throughout the year. Ustad Rashid Khan, Malabika Miatra and Sandip Chatterjee and many others participated in the cultural Programmes. A Drama 'Kashinama' was presented by Rangakarmi under the direction of Usha Ganguly.
- The University has donated a land in favour of Backward Classes Welfare Department, Govt. of West Bengal for construction of Central Hostel for SC girl students (approx 200 seat capacity) under Babu Jagagiban Ram Chhatrabas Yojana.
- In the XI Plan period a proposal has been submitted to the UGC to establish a Centre for Manuscriptology and Paleography in the Central Library.
- Two additional BE programmes in Civil and Electrical Engineering have been introduced with the approval of AICTE in its own institute named the University Institute of Technology (UIT).
- UGC has upgraded the Department of Botany from DSA III to CAS (Phase I) for a period of 5 years.
- The Deptt. Of Bengali, which has earlier recognized by the UGC as the only Centre for advanced Studies (CAS) in West Bengal has been granted the Phase II of the CAS Programme
- An e-conference on 'Development and sustainability in the era of Globalisation ' by the dept. of Economics.
- Six International conferences were conducted by the Deptt of English, Bengali, Botany, Zoology, Geography and Centre for Management Studies.
- A two-day International Conference on 'Radiation Physics and its application' by the Dept. of Physics.
- A three-day International Conference on 'Recent Advances in Mathematics and Applications' by the Dept. of Mathematics.

## UNIVERSITIES

### 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 189, catering to around 2626 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 courses taught by the University: ( Starting from PG level courses or above and ending with Diploma and / or UG level courses; including Technical courses, if any.**

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.	25	Admission test by The University
5.	Mathematics	Mathematics	M.Sc.	80	70% Hons. 30%
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

## UNIVERSITIES

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
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

## CHAPTER - 5

30.	Modern Language	Russian Language	1 year Diploma in Russian 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.P.Ed.	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



## UNIVERSITIES

### 5.6.3 Distance Education

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 Bengali, English, History, Public Administration,
- 1 year PG Diploma in Mass Communication and Journalism,
- 1 year PG Diploma in Environmental Management.

### 5.6.4 Activities of NSS during the year

During the year the university has achieved significant progress in National Service Scheme (NSS) as an integral part of its total activities. It is our target to enroll 6000 student volunteers in 60 units in the university and the affiliated degree colleges.

The most significant achievement is that on behalf of the university 2 NSS volunteers have participated in Republic Day Parade at New Delhi on 26<sup>th</sup> January 2010. One Programme Officer of our university has participated in NSS Training programme under Youth Develop Programme organized by Rajiv Gandhi National Institute of Youth Development (Ministry of Youth Affairs & Sports, Govt. of India, Sriperumbudu, Tamil Nadu).

### 5.6.5 HIGHLIGHTS OF THE MAJOR ACTIVITIES UNDERTAKEN DURING 2009-2010

#### Academic Progress

- The University has created Bioinformatics Infrastructure Facility (BIF) for the promotion of Biology teaching through Bioinformatics with the fund support from the Department of Biotechnology (DBT), Govt. of India to the tune of Rs. 20.00 lakh.
- The Department of Environmental Science of the University has recently been identified during the XI Plan Period by the Department of Science & Technology (DST), Govt. of India for its fund assistance under FIST programme against support of Rs.110.00 lakh.
- Against approval of an amount of Rs. 300.00 lakh (approx.) the Dept. of Higher Education, Govt. of West Bengal has released almost entire amount for construction of Composite Building for the Departments of Microbiology and Molecularbiology & Biotechnology. Composite Building for the departments of Geography and Physiology.
- The UGC has identified the Departments of Physics, Chemistry, Mathematics, Environmental Science, Zoology, Botany and Biochemistry & Biophysics for its special support for

## CHAPTER - 5

strengthening of infrastructure against a financial assistance of Rs. 85.00 lakh The departments have also been sanctioned with 27 Research Fellow positions to strengthen its research activities by the way of appointing meritorious students.

As a diversification of the research programme in collaboration with

The following International Seminars / Conferences / Symposium / Workshop have been attended by the faculties of the departments names of which are noted against each :

- “8<sup>th</sup> International symposium on Aphids” during June 08-12. 2009 at Catania, Italy of Zoology.
- “**The First Joint PSH-SETAC** conference on Hcploxycology” during September 16-19. 2009 at **Karkaov. Poland of Zoology.**
- 36<sup>th</sup> Congress of (The “International Union of Physiology Sciences (I UPS 2009)” during July 27 to August 01.2009 at **Kyoto, Japan of Physiology.**
- “**11<sup>th</sup> International** Congress on Amino Acids. Pepcids and Proteins” from August 03-07. 2009 at Viena. **Austria of Zoology.**
- **International** workshop on “ Electronic systems and Applications will be held in conjunction with second International **Conference** on **the** Applications of Digital Information & Web Technology (ICAD1WT- 09)” on August 04-06. 2009 at London. **U.K of CIRM.**
- “The 13<sup>th</sup> International Congress of Quantum Chemistry” during June 22-27, **2009 at** University of **Helsinki. Finland of Chemistry.**
- 20<sup>th</sup> International Symposium on Glycoconjugates. Glycons : From Molecules of Structures to **Therapeutics of Zoology.**
- “6<sup>th</sup> International Congress Symposium of the Asia and Oceania Society for comparative Endocrinology (AOSOE)” during 19.1.2010 at **Massey University, New Zealand of Zoology.**
- IC11S -2009 “the 4<sup>th</sup> International conference on Industrial and Information System” during December 28-31. 2009 at **Srilanka of USIC.**
- **ICIIS - 2009** “the 4<sup>th</sup> International conference on Industrial and Information System” during December 28-31. 2009 al **Srilanka of Mathematics.**
- **IC11S-2009 the 4<sup>th</sup> International conference on Industrial and Information System”** during **December 28-31, 2009 at Srilanka of Computer Science & Engineering.**
- **ESRA 09 - the 8<sup>th</sup> International ESRA conference devoted to Shakespeare- Shakespeare and conflict : A European Perspective during November 19-22, 2009 at Pisa, Italy.**

## UNIVERSITIES

### 5.7 UNIVERSITY OF NORTH BENGAL (1962)

The University of North Bengal was established in November, 1962 by Act of the West Bengal Legislative Assembly. In the same year it was accorded recognition of the UGC under Sec. 12(B) and 2(f). It is a state-aided university. The university Act of 1962 was amended in 1978 and THE NEW Act came into force during 1981 and has been operative at present with suitable amendments as and when required.

The University started functioning with 16 affiliated colleges and 6 P.G. Depts. On 1<sup>st</sup> Nov. 1962 which date is commemorated as its foundation day.

The University has a checkered history. It has grown in a relatively backward region amidst great odds. Even the campus had to be vacated to the army in late 1962 during war with China. It was shifted to Siliguri College and came back to Raja Rammohanpur in 1964. The first convocation was held in 1965 under Chancellorship of Late Smt. Padmaja Naidu, Governor of West Bengal. Prof. B.N.Dasgupta was the first Vice-Chancellor. The present Vice-Chancellor is Prof. Arunabha Basumajumdar holding the office w.e.f, 1<sup>st</sup> January, 2008.

#### 5.7.1 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
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

## CHAPTER - 5

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	Dept.of Life Long Learning Extension	P.G.Diploma	P.G. Diploma in Rural Dev.	50	
27	Centre for Himalayan Studies	Strategic & Area Studies	M.A.In Strategic & Area Studies	20	
28	I.T. Centre	Bachelor	BCA	60	
29	I.T. Centre	Bachelor	BBA	50	
30	Journalism & Mass Communication	Mass Communication	M.A	30	
31	Dept. of 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

### 5.7.2 Schools 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 etc	UGC assisted since IX Plan
3.	Centre for Studies in Local Languages & Culture	Seminar/Workshop/Action Research	
4.	Centre for Ambedkar Studies	Seminar/Workshop/Action Research etc	UGC assisted since X Plan
5.	Centre for Buddhist Studies	Seminar/Workshop/Action Research etc	UGC assisted since X Plan
6.	University Consultancy Centre	Project, Consultancy Service etc.	
9.	Nehru Studies Centre	Seminar/Workshop/Action Research etc.	

#### **Centres : (Faculty of Science)**

Sl. No.	Centre	Programme	Highlights
1	Centre for High Energy & Cosmic Ray	Research; Short-term certificate course etc.	
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 etc.	ISSRO assisted (initially) Self-financed courses
4	University Science & Instrumentation Centre	Repair/Maintenance of equipments and computers etc.	Level II IMP (UGC) assisted
5	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.

## 5.7.3 Publication :

## LIST OF UNIVERSITY PUBLICATIONS

Sl. No.	Title	Author	Price (in Rs.)
1	North Bengal University Review- (Humanities and Social Science)	University of North Bengal	65.00
2	North Bengal University review- (Science and Technology)	University of North Bengal	100.00
3	Iconography of Sculptures	Prof. P.K. Bhattacharya	50.00
4	Akshyay Kumar Maitreya Jiban - O - Sadhana	Late Nirmal Ch. Chowdhury	75.00
5	Early Historical Perspective of North Bengal	Ed. B.N. Mukherjee & Prof, P.K. Bhattacharjee	100.00
6	Tri-Lingual Dictionary (Nepali-English-Bengali)	Department of Nepali	50.00
7	Report of the INDIGO COMMISSION 1860 (Edited)	Edited by Prof. Pulin Das	150.00
8	Convocation Addresses of the Chief Guests (25 such)	University of North Bengal	100.00
9	Akshyay Kumar Maitreya Museum, Catalogue-I	University of North Bengal	12.00
10	Fall of the Pal Empire	Sri A.K. Maitreya	50.00
11	Environmental Studies (for Part-II 3 yrs. degree course-English & Bengali Editions)	Edited by Prof. P.K. Saha & Prof. A.K. Chakraborty	135.00
12	Anthology of English Selections (for Part 1 of 3 yrs. degree course)	University of North Bengal	50.00
13	Question Bank in all subjects in B.A./B.Sc./ B.Corn. Honours & General Courses.	University of North Bengal	50.00
14	Question Bank for 1 <sup>st</sup> & 2 <sup>nd</sup> year of B.Sc. Internet Science/ Software System	University of North Bengal	75.00
15	Language and Meaning	Edited by Prof. R.N.Ghosh	350.00

## UNIVERSITIES

16.	ব্যাকরণ দর্শনে বাগর্থ প্রসঙ্গ	Sri Karuna Sindhu Das	125.00
17.	বাংলা রচনা সংকলন (ত্রি বর্ষ স্নাতক স্তরের জন্য আবশ্যিক পত্র)	University of North Bengal	40.00
18.	Manik Datter Chandimangal	Dr. Sunil Kumar Ojha	20.00
19.	Bistrita Bangla Puthi	Dr. Sunil Kumar Ojha	Vol. I-30.00 Vol. II & III- 30.00 Vol. IV & V - 40.00

### 5.7.4 Research Projects and Publications in the Departments / Centres

Sl. No.	Department/Centre	No. of Projects	Grant received	No. of Publications
1	D.D.E	1	Rs, 30,000/-	9 (Papers)
2	Cosmic Ray	2	Nil	Nil
3	English	Nil	Nil	3 (Books) 28 (Papers)
4	Bengali	3	Rs. 7,53,800/-	1 (Book) 3 (Papers)
5	Nepali	1	Nil	2 (Books) 2 (Papers)
6	History	1	Nil	1 (Book) 10 (Papers)
7	Philosophy	2	Rs. 4,08,000/-	2 (Books) 10 (Papers)
8	Political Science	3	Rs. 50,000/-	14 (Papers)
9	Economics	3	Rs. 8,78,000/-	8 (Books) 41 (Papers)
10	Sociology	5	Rs. 1,60,000/-	1 (Book) 12 (Papers)
11	Mathematics	1	US \$ 40,000/-	9 (Papers)
12	Anthropology	4	Rs. 3,00,000/-	20 (Papers)
13	Physics	5	Rs. 66,00,000/-	15 (Papers)
14	Chemistry	16	Rs. 1,64,00,000/-	39 (Papers)
15	Botany	13	Rs. 2,25,00,000/-	59 (Papers)
16	Zoology	6	Rs. 1,18,04,980/-	19 (Papers)

## CHAPTER - 5

17	Geography	7	Rs. 12,50,000/-	6 (Papers)
18	Computer Science & Application	Nil	Nil	6 (Papers)
19	Computer Centre	Nil	Nil	2 (Papers)
20	MBA	6	Nil	Nil
21	Law	Nil	Nil	1 (Book) 5 (Papers)
22	Library & Information Science	Nil	Nil	1 (Paper)
23	Bio-Technology	9	Rs. 1,70,000/-	3 (Papers)
24	L.P.S.M.	Nil	Nil	3. (Papers)
25	Hindi	Nil	Nil	9 (Papers)
26	USIC	Nil	Nil	7 (Papers)

### 5.7.5 Collaboration with foreign universities :

#### UGC MERGED SCHEME 2010-2011

Sl. No.	Name of the Teacher	Name of the Deptt.	Attended in Financial year 2009-10
1	Prof. U. Chakraborty	Botany	30 Nov-2 <sup>nd</sup> Dec'09
2	Dr. Dipanwita Saha	Bio-tech	25-30 <sup>th</sup> Oct'09
3	Prof. R. N. Ghosh	Philosophy	13-15 <sup>th</sup> Nov'09
4	Dr. Samar Kr. Biswas	Anthropology	27-31 July'09
5	Prof. T.K. Choudhury	Zoology	11-13 <sup>th</sup> Sept.,09
6	Dr. Pinak Tarafdar	Anthropology	27-31 <sup>st</sup> July'09
7	Dr. B.C. Paul	Physics	8-12 <sup>th</sup> June'09
8	Prof. B.N. Chakraborty	Botany	30 <sup>th</sup> Nov - 02 <sup>nd</sup> Dec'09
9	Prof. S. Samanta	English	—
10	Dr. S. Sao	Geography	—
11	Dr. S. Biswas	Anthropology	—
12	Dr. Ajit Kr. Roy	Commerce	—
13	Dr. Debika Saha	Philosophy	—
14	Dr. Basudeb Basu	Chemistry	—



## UNIVERSITIES

### 5.7.6 Distance Education

The Directorate of Distance Education, established in 2000 in University of North Bengal has been conducting Distance Education courses in various subjects at P.O. and U.G. levels including the bridge course. Distance Education courses at P.O. & U.G. Level in seven subjects namely Bengali, English, Nepali, Political Science, History, Philosophy & Mathematics. The Distance Education Council(DEC) New-Delhi, have visited the Directorate of Distance Education of North Bengal University and expressed their satisfaction on the Academic achievements of the Directors. As a result Directorate of Distance Education received recognition from DEC and a fund of Rs. 20,000,00 received from DEC. Total enrollment during the year 9.000(approx). The university has institute OFF Campus mode of Education too.

### 5.7.7 Highlights of the Important activities and achievements during the Year.

Introduction of semester system : Like HTs and many leading Universities of the country, the semester system, as a modern methodology of studies and assessment, has been introduced in all the post graduate Departments of this University from the session 2008-09, and after completion of first semester, second semester is on the process.

**Upgradation of UGC-INFLIBNET facility and Campus Local Area Network (LAN):** 512 Khps VSAT connectivity has been upgraded to 6 Mbps BSNL & Reliance leased line link with anti virus facilities for providing better access to digital library and internet services to the teachers, research scholars and students of the University. We are exploring the feasibility of providing Wi-fi connectivity to the campus dwellers, Research Scholar and Student Hostels.

**Establishment of Faculty of Technology :** The Faculty of Technology has been established in this University initially with the Department of Management and Department of Computer Science and Applications during 2008 to provide inter disciplinary and trans disciplinary convergence of knowledge in Higher Education especially in the field of Science and Technology after amendment of NBU Act, 1986 in March, 2007.

**Implementation of UGC-Merged Schemes :** The following new schemes have been implemented during 2008-09, under XI Plan Programme of UGC. a) Day Care Centre, b) Basic facilities for Women, c) Facilities for differently abled persons, d) Remedial coaching for SC/ST and Minorities, e) Coaching classes for entry in service for SC/ST and Minorities, f) Coaching Classes for NET in respect of SC/ST and Minorities, g) Sports facilities, h) Unassigned Grants, i) Faculty Improvement Programme.

## CHAPTER - 5

**Development of IT infrastructure** : All the Faculty members of the University of North Bengal have been provided with a LAP'FOP computer along with printer in 2008 for better accessibility of IT applications and for augmentation of research activities.

**MOU between the University of North Bengal and the Council of Scientific and Industrial Research (CSIR, New Delhi)**. During 2009 three students of three PG Departments got selected for Summer Training out of twenty selected on the basis of All India Search Competition.

**Establishment of the Centre for Development of Bamboo and Cane Products** : A Centre for "Development of Bamboo and Cane Products" has been approved and funded by the Department of Food Processing Industries & Horticulture, Govt. of West Bengal.

**Establishment of University Archive** : The University Archive has been established at the University Library for preservation of valuable documents / records of the University since 1962.

**Major renovation of the Hostel Buildings** : Major renovation of all the Boys and Girls' Hostel Buildings have been taken up including the upgradation of the existing facilities at a cost of about Rupees sixty nine Lacs.

**Security of all the Girls' Hostel** : Security of all the Girls' Hostel have been strengthened by providing Flood Lights all round and providing Grills at all the floors and providing security guards round the clock in all the three shifts at a cost of about Rupees twelve lacs.

**Establishment of Academic Staff College**: The UGC has approved the proposal for establishment of an Academic Staff College at the University of North Bengal Campus and has so far sanctioned Rupees 1.25 crore. We have started the process of establishment of Academic Staff College, which will organize, conduct and evaluate the Orientation Programme for newly appointed College / University teachers and Refresher Courses for serving teacher in this region, which will ultimately provide us highly oriented faculties for imparting quality education.

**Patents earned : Nil**

**Ph.D Awarded :**

The University court has proposed to award Ph.D degrees in various subjects to 82 successful candidates in the Annual Convocation held on 8<sup>th</sup> April 2010.

## UNIVERSITIES

Central fund received during the year :

### PROVISIONAL

STATEMENT OF CAPITAL GRANTS For 2009-2010		
<b>A.</b>	<b>FUNDING AGENCIES</b>	<b>(Figures in Rs.) 2009-2010</b>
	<b>GOVT. OF WEST BENGAL</b>	
	1 Construction of Microbiology Building	71,57,305.00
	2 Extension of Administrative Building of NBU	2,49,48,691.00
	3 Grant for University Guest House	8,75,561.00
	4 Grant for Vertical Extension of Hindi Department Building	14,74,618.00
	5 Construction of Magurmari Stream Channel	1,74,40,000.00
	6 Construction of Womens' RS Hostel	8,75,612.00
	7 Grant for Vertical Extension of Humanities Building	*no amount is given
	<b>TOTAL (A)</b>	<b>5,27,71,787.00</b>
<b>B.</b>	<b>UNIVERSITY GRANTS COMMISSION</b>	
	1 Development Grants ( XI Plan )	1,67,40,000.00
	2 Infrastructure Dev. UGC (BSR) - Deptt. of Botany	21,492.00
	3 Infrastructure Dev. UGC (BSR) - Deptt. of Geography	20,00,000.00
	4 Infrastructure Dev. UGC (BSR) - Deptt. of Chemistry	20,00,000.00
	5 Infrastructure Dev. UGC (BSR) - Deptt. of Physics	10,00,000.00
	6 Development Grants ( X Plan )	30,12,360.00
	7 Up gradation of Computer Centre	32,00,000.00
	<b>TOTAL (B)</b>	<b>2,79,73,852.00</b>
	<b>GRAND TOTAL (A+B)</b>	<b>8,07,45,639.00</b>

**5.8 VIDYASAGAR UNIVERSITY (1981)**

Vidyasagar University, named after one of the most illustrious sons of Bengal as well as one of the doyens of Indian Renaissance, Pandit Iswar Chandra Vidyasagar, has grown out of a long cultural and educational movement in West Bengal in general and in the undivided district of Midnapore in particular. The idea of founding a University in the district was mooted by various organisations, notably by the Regional Education Association, Midnapore, headed by Professor A.K. Gayen of IIT, Kharagpur. The Ghani Committee appointed by the IUGC also suggested, among others, for the setting up of a University in Midnapore on the ground of its 'having a compact area and a manageable number of colleges' (at that time; here were 36 colleges with an enrolment of about 42,000), and also of its 'having the great advantage of co-operation of the IIT, Kharagpur'. The Committee was also of the opinion that the new University would 'develop on the lines suited to the needs of this backward area'. To give honour and respect to these pious intentions and proposals, the Government of West Bengal decided in 1976 to establish Vidyasagar University.

**5.8.1 THE UNIVERSITY AT A GLANCE :**

(a) At present the affiliated colleges and institutions of the University are 59 in numbers. Of these, the number of government colleges are 02 ; those of Girls' Colleges, Professional Colleges (B.Ed.), Law Colleges, Paramedical Colleges and others (PG courses in the UG colleges) are 03, 14, 03, 04 and 08 respectively.

The University is located in the Tantigaria mouza under Paschim Medinipur Sadar town. It is 119 k.m. by rail from Howrah Station and 14 k.m. by road from Kharagpur railway station. The University campus is very close to Medinipur railway station (just 1 k.m. from it) and is connected with all the subdivisions under both Purba and Paschim Medinipur districts. The total area of the University is 138.78 acres. The University campus is divided into two : Main (103.74 acres) and Residential (35.04 acres).

**5.8.2 Schools and Centres of University with a brief note on the activities of such schools / centres :****Computer Centre**

The Centre was established in 1999. Its activities include Program Development, Training Programmes for College and University teachers, employees Research Scholars and Students, and providing computing facilities for other Departments of the University. The Centre has been upgraded with sophisticated computers and accessories under UGC Upgradation scheme in X Plan with the grants received for the purpose. 2 New Lab established. It is functioning with huge crisis of space and manpower.

## UNIVERSITIES

### Gandhian Studies Centre

The Centre, the first of its kind in West Bengal, has been sanctioned by the UGC under its Ninth Plan Programme, for a period of five years at the first instance. It has started its functioning from June 1999. It is located in the Department of Political Science with Rural Administration though it draws on the intellectual resources of other Departments as well, particularly Departments of History, and Philosophy and Life World. There is an Advisory Committee headed by the Vice-Chancellor to guide the activities of the Centre.

For the dissemination of the ideas of Mahatma Gandhi, the Centre, as per the UGC guidelines, organizes seminars, workshops, lecture series on various aspects of Gandhian thought including other relevant contemporary issues seen from the Gandhian perspective, conducts a Six-months' Certificate course on Gandhian Thought, publishes the proceedings of the seminars, workshops as well as lectures delivered periodically, conducts researches/ studies on Gandhian thought and movements, and other related themes, and holds Summer/Winter Camps on Gandhian thought for the postgraduate and undergraduate students.

### Women's Studies Centre

The centre has been established at the University in the year 2010. The centre is trying to adopt an interdisciplinary approach by bringing together the different perspectives of various disciplines and departments of the university like, history, literature, cultural studies, philosophy, politics, anthropology, sociology in one hand as well as science and technology on the other. Integration of humanities and social sciences with faculties of physical and life sciences produces uniqueness in all spheres of teaching and training. The centre will also link issues in the study of science and technology with those of gender, culture, and society. The Centre conducted a 2-days Workshop at the University during 30-31 March, 2010.

### 5.8.3 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.(2 Yrs.)	105
2	Commerce with Farm Management	M.Com.(2 Yrs.)	95
3	English	M.A.	105

## CHAPTER - 5

4	Economics with Rural Development	M.A./M.Sc(2 Yrs.)	70
5	History	M.A.(2 Yrs.)	105
6	Library and Information Science	B.Lib.Sc. (1Yrs.) M.Lib.Sc.(1Yrs.)	35 15
7	Philosophy and the Life-World	M.A.(2 Yrs.)	105
8	Political Science with Rural Administration.	M.A.(2 Yrs.) & M.Phil.	90
9	Sanskrit	M.A.	95
10	Sociology	M.A.(2 Yrs.)	60
11	Management	M.B.A.(2 Yrs.)	60
12	Mass Communication & Videography	P.G.D.M.C.(1 Yr.)	30
13	Santali	M.A.(2 Yrs.)	50
<b>Faculty of Science :</b>			
14	Anthropology	M.Sc (2 Yrs.)	50
15	Aquaculture Management & Technology	M.Sc (2 Yrs.)	30
16	Applied Mathematics	M.Sc (2 Yrs.)	80
17	Botany & Forestry	M.Sc (2 Yrs.)	50
18	Chemistry & Chemical Technology	M.Sc (2 Yrs.)	45
19	Computer Science	M.Sc (2 Yrs.)	35
20	Electronics	M.Sc (2 Yrs.)	25
21	Geography & Environment Management	M.Sc (2 Yrs.)	60
22	Human Physiology with Community Health	M.Sc (2 Yrs.)	40
23	Microbiology	M.Sc (2 Yrs.)	30
24	M.C.A.	M.Sc (2 Yrs.)	50
25	Physics & Techno-Physics	M.Sc (2 Yrs.)	55
26	Zoology	M.Sc (2 Yrs.)	45
27	Bio-Medical Laboratory Science & Management	M.Sc (2 Yrs.)	30
28	Remote Sensing & GIS	M.Sc (2 Yrs.)	45
29	Nutrition & Dietetics	M.Sc (2 Yrs.)	40

## UNIVERSITIES

### 5.8.4 P. G. LEVEL IN AFFILIATED COLLEGES :

Name of College	Intake capacity
<b>BENGALI</b>	
Jhargram Raj College	30
Kharagpur College	50
Tamralipta Mahavidyalaya	50
Ghatal Rabindra Satabarshiki Mahavidyalaya	45
<b>SANSKRIT</b>	
Ghatal Rabindra Satabarshiki Mahavidyalaya	55
<b>CHEMISTRY</b>	
Jhargram Raj College	20
Midnapur College	25
Panskura Banamali College	25
<b>PHYSICS</b>	
Contai P. K. College	20
Midnapur College	20
<b>ZOOLOGY</b>	
Jhargram Raj College	20
R.N. L. Khan Women's College	22
<b>COMPUTER SCIENCE</b>	
Panskura Banamali College	20

### 5.8.5 Highlights of the important activities and achievements during the year

- M.A. in Santali has been introduced.
- Affiliation has been granted to Purba Medinipur B.Ed. College, Chaitanyapur for conducting B.Ed. Course.
- Affiliation has been granted to Deshapran College of Teachers' Education, Aurai, Contai, Purba Medinipur for conducting B.Ed. Course.

## CHAPTER - 5

- Affiliation has been extended to Camellia School of Business Management for conducting M.C.A. Course under Distance Learning Programme.
- Affiliation has been extended to AMIK Institute of Science and Management, Durgapur for conducting M.B.A. Course under distance learning mode.
- Affiliation has been granted to CARREOGRAPH Institute of Management Studies for conducting 2-year M.B.A. Programme under distance mode.
- Women Study Centre has been established out of fund sanctioned by the University Grants Commission, New Delhi.
- Professor Debidas Ghosh, Department of Bio-Medical Laboratory Science & Management has been invited for collaborative research by Govt. of Tanzania.
- Dr. Kuntal Chatterjee, Department of Physics and Techno-Physics has been invited by Institute of Physics, Academia Sinica, Taiwan to participate in their famous world project on Nano Science as Visiting Scientist
- Dr. Surajit Ghosh, Department of Physics and Techno-Physics awarded BOYSCAST Fellowship for doing post-doctoral research work on nano-science at the University of Central Florida, U.S.A.
- Dr. Debdulal Banerjee, Department of Microbiology awarded BOYSCAST Fellowship for doing post-doctoral research work on Plant Sciences at the Montana State University, Bozeman, U.S.A.
- Department of English of this University has been sanctioned an amount of Rs.37.5 Lakhs and one Project Fellow under Special Assistance Programme (SAP) of the University Grants Commission.
- Department of Chemistry and Chemical Technology has been sanctioned an amount of Rs. 54.0 Lakhs and two Project Fellows under Special Assistance Programme (SAP) of the University Grants Commission.
- Department of Physics and Techno-Physics has been sanctioned an amount of Rs. 75.0 Lakhs under Special Assistance Programme (SAP) of the University Grants Commission.
- The Directorate of Distance Education has given an opportunity to a large number of students of all ages for higher education.
- The DDE of Vidyasagar University is the first Institution to introduce science subjects in its course curriculum in the Eastern Region.



## UNIVERSITIES

- DDE has created resource persons for Undergraduate Colleges in Environmental Science which has been introduced in all colleges as compulsory subjects.
- Several employed DDE students have been benefited professionally in terms of knowledge and position in their offices/institutions.
- Several passed out DDE students have been employed in Govt. / Semi-Govt. educational institutions and private organizations.
- Several passed out DDE students have qualified in all India competitive examination like, NET/SLET/GATE/GRE etc.
- A Development Grant of Rs.40.00 Lakhs has been sanctioned by the Distance Education Council, Government of India for the improvement of different activities of the distance education programme of this University,
- Science Laboratories (Zoology, Botany and Environmental Science), Library and Computer Centre with LAN Facilities in the Directorate of Distance Education of this University have been established.
- Books worth Rs. 4.00 Lakhs have been purchased for the DDE Library out of the DEC grant.
- Kiosk has been installed in the DDE for students information service out of the DDE grant.
- Direct Optical Fiber Link with BSNL has been established in the Computer Centre.
- WI-FI LAN Backbone and segments is being developed in the Computer Centre.
- The House-keeping activities of the Central Library are fully computerized.
- A Centre for Digital Resources Service has been started functioning from where any bonafide library member can get access to more than five thousand online e-resources.
- 10NSS Volunteers both boys and girls of this University participated in the Pre-Republic Day Parade held at Guwahati.
- 17 NSS Volunteers of this University have been felicitated at the state level.
- Several passed out DDE students are doing research work in India and abroad and some of them have been appointed in colleges and Universities with teaching assignments.

## CHAPTER - 5

- Sri Subir Kumar Basu, the Dean of Students' Welfare of this University has been nominated by UGC as an Expert to assess the proposals received from the colleges of Andhra Pradesh, Tamil Nadu, Pondichery and Andaman and Nicobar Islands.
- The Department of Chemistry and Chemical Technology has been recognized by CSIR among the top seven University Departments for their newly introduced CSIR OSDD Programme.
- Research on the extracts of Terminalia Arjuna available in abundance in the locality of Midnapore has been featured in the cover page of the American Chemical Society Journal Langmuir 2009.
- Eight research scholars of the Department of Chemistry and Chemical Technology have received best poster prizes on the One Day National Symposium on Frontiers in Chemical Sciences FCS-10.
- Department of Microbiology has organized DBT Sponsored Refresher Course for College and University Teachers on "Application of Bioinformatics on modern Biology". 26 numbers of teacher in different disciplines participated in the said course.
- Dr. Pradeep Kumar Das Mohapara, Deptt. of Microbiology has been awarded Environmentalist of the year award 2009 by the National Environmental Science Academy, New Delhi.
- The Department of Mass Communication and Videography has organised a Special Lecture by Legendary News Reader and Anchor Smt. Chhanda Sen and News Editor, Sri Santosh Debnath.

### 5.9 WEST BENGAL STATE UNIVERSITY (BARASAT)

The University was established through an Act Assembly and the Gazette notification was published on 25<sup>th</sup> February, 2008. Asoke Ranjan Thakur is its First Vice Chancellor and joined on May 21, 2008.

#### Academic progress

- The University started with administration of 57 colleges transferred from Calcutta University to the jurisdiction of West Bengal State University.
- Nearly 41 thousand students were admitted to UG and PG courses,
- PG students of the first batch in two Departments have done well in NET, GATE and JEST examination.

## UNIVERSITIES

### Research Activities

- Nearly 39 faculty members have been supported for attending seminars, symposia and workshop both within and abroad.
- Nearly 35 Seminars organised by different Departments have been supported to the tune Rs.7.86 lakhs
- During the academic session 2009-10 nearly 30 peer reviewed papers have been published in national and international journals , more than 6 books have been published and edited by faculty members.

### 5.9.1 Details of Post-graduate courses and present intake

Sl. No.	Department / Subject	Intake Capacity
1	Physics	20
2	Mathematics	23
3	Chemistry	21
4	Statistics	17
5	Zoology	20
6	Botany	19
7	Electronics	16
8	Microbiology	20
9	English	32
10	Bengali	53
11	Hindi	17
12	Sanskrit	37
13	History	39
14	Economics	16
15.	Political Science	20

## CHAPTER - 5

16.	Philosophy	21
17.	Geography	44
18.	Education	20
19.	Anthropology	16
20.	Psychology	22
21.	Sociology	17
22.	Computer Science	20
23.	Physiology	11
24.	Commerce	25
25.	Business Management	
26.	Journalism & Mass Comm.	20
27.	Biochemistry	20
28.	Agri & Rural Dev.	12
29.	Food & Nutrition	14
30.	Film Studies	08
31.	Urdu	
32.	Comparative Literature	

### 5.9.2 Activities of the University

- A digital library has been set up using KOHA an open source based Library Management System incorporating D-space.
- 77 of our students received certificate for participating in national event. We have successfully conducted Inter Collegiate Cricket tournament with participation from 14 colleges
- One of our teacher has received Fulbright scholarship and would spend 8 months in Cornell University USA.
- The Departments have organised 35 seminars where eminent teachers and speakers participated some of these have been organised with Sahitya Akademi, Bangla Akademi, IITCAA etc.

## **UNIVERSITIES**

### **5.10 GOUR BANGA UNIVERSITY**

The University of Gour Banga has been established by the West Bengal Legislative Assembly vide West Bengal Act XXVI of 2007.

The Appointed Date as per Kolkata Gazette dated 14<sup>th</sup> March, 2007 is March 10, 2008. From this date all Sections of the Act except Section 1 and Section 57 have come into force.

The University Council as per Section 58(2) has come into effect from May 26, 2008 vide Kolkata Gazette dated 28<sup>th</sup> May, 2008.

All the general degree colleges, law colleges and teachers training colleges in the district of Malda, Uttar Dinajpur and Dakshin Dinajpur have been brought under affiliation of the University of Gour Banga. Currently there are 34 affiliated colleges out of which 20 general degree colleges provide B.A./B.Sc./B.Com./B.C.A./B.B.A. / B.H.M. courses/12 colleges provide B.Ed. course/one college offers B. P. Ed. course and one college conducts 5 yrs. Integrated LL.B. ( B.A. & LL.B. ) course. M.A. courses in English/History are started by Malda College and M.A. courses in Bengali/History/Sanskrit are available in Balurghat College. The University Campus offers M.A. in English/Bengali/Arabic/Sanskrit/History/Education and M.Sc. in Mathematics from December 15, 2008 (2008-09 session).

The University of Gour Banga is approved by the UGC under Section 2(F) of the UGC Act, 1956.

At present the University is fully funded by the Govt. of West Bengal.

#### **Our Vision**

THE VISION of the university is to pursue excellence in education and professional competence. It does not just pursue excellence, it is determined to achieve it. To attain the status of one of the leading centres of learning, research and professional practice, the university looks forward to the future with confidence. It is going to be well placed to meet the challenges of a world that is changing locally, nationally and globally.

#### **Our Core Values**

Access, equity, excellence, and synergy between teaching and learning on one hand and research and scholarliness on the other.

State-of-the-art infrastructure, world-class faculty, and vibrant and intellectually stimulating environment with a vital, cosmopolitan, integrated academic community active and influential across the world.

### Activities of the University

- 1) The State Govt. vide Gazette Notification dated 14.3.08 declared 10<sup>th</sup> March, 2008 as the Appointed Date from which all sections of the Gour Banga University Act, 2007 came into force.
- 2) Professor Surabhi Banerjee, ex-Vice-Chancellor, Netaji Subhas State Open University was appointed in terms of Section 57(10) read with Section 58 of the Gour Banga University Act, 2007 on 9.5.08 as the First Vice-Chancellor. Professor Banerjee assumed office on 15.5.08 and resigned on 28.2.09.
- 3) Professor Gopa Datta, President, West Bengal Higher Secondary Council has been appointed on 23.4.09 as the next First Vice-Chancellor. She has joined on 9.6.09.
- 4) The University Council was constituted in terms of Section 58(2)(vi) of the Gour Banga University Act, 2007 vide Gazette Notification dated 28.5.08 with 19 members of which 4 members are ex-officio and 15 members are nominated by the State Govt.
- 5) Dr. Tapas Kr. Chatterjee, Ex-Registrar, University of North Bengal was appointed on 15.6.08 as the First Registrar. The Finance Officer and the Controller of Examinations were appointed in August.
- 6) 27 Colleges in the Districts of Malda, Dakshin Dinajpur and Uttar Dinajpur were brought under affiliation of the University of Gour Banga vide Gazette Notification dated 28.5.08 in terms of Section 5(3) of the Gour Banga University Act, 2007. Currently 34 colleges are affiliated to the University comprising one Law College offering 5yrs. Integrated LL.B. course, 12 B.Ed. colleges, one B. P. Ed. College and 20 General Degree Colleges.
- 7) The Camp Office of the University has been functioning in the premises of Malda College w.e.f. 31.5.08.
- 8) The Department of Higher Education, Govt. of West Bengal has allotted 25 acres of land within English Bazar municipal area for setting up the Campus. The land has since been surveyed by an expert group. Soil Test completed by a technical agency. A reputed Architect Firm has prepared the Master Plan, structural drawings and detailed estimates. The documents have been vetted by the PWD (Construction Board), cleared by the State Planning Board and submitted to the State Govt. for release of fund. Rs.5.00 crores have been released as ad-hoc grant in March, 2009. The State Planning Board in July, 2009 has cleared the Plan & estimates for Phase I with an outlay of Rs.83.81 crores. Approval of Plan/Estimates is now pending with the H.E. Dept.
- 9) Steps to acquire about 12 acres of more land in three adjoining plots for the upcoming Campus have been initiated.

## UNIVERSITIES

- 10) The P.W.D. has been constructing the Boundary Wall with an outlay of Rs.1,24,22,730.00 as sanctioned by the State Govt.
- 11) M/s Mackintosh Burn Ltd., a reputed State Govt. Undertaking has been engaged for construction of buildings in the Campus. The engagement has been approved by the State Govt. Construction work has started in October, 2009. Construction of the main Administrative Building has been taken up at first.
- 12) The Foundation Stone of the University Campus was laid on 16.11.08 by the Hon'ble Chief Minister, Govt. of West Bengal in presence of Prof. Sudarsan Raychoudhuri, Hon'ble MIC, Dept. of Higher Education.
- 13) Admission of students in 1st yr. U.G. in 34 colleges and of P.G. courses in four subjects , namely, English and History at Malda College/ Bengali, Sanskrit and History at Balurghat College of 2008-09 and 2009-10 sessions session have been completed. Registration Certificates have been issued to the enrolled students.
- 14) The Boards of Studies have been constituted in all U.G./P.G. subjects.
- 15) The UGC has approved the University under Sec. 2(f) of the UGC Act in September,2008.
- 16) The University Website (<http://www.ugb.ac.in>) has been hosted in July, 2008. It is updated regularly.
- 17) The State Govt. has sanctioned in the 1st phase vide G.O. dated 11.7.08 teaching posts for introducing 18 subjects at P.G. level and 10 career oriented subjects in Phase I (Professor-18/ Reader – 34/ Lecturer – 78 ). 27 no. of Teachers have been appointed till Nov., 2009 in seven subjects. The vacant posts are in process of filling up.
- 18) The State Govt. has sanctioned in the 1st phase vide G.O. dated 22.9.08 Officers (08) and Non-teaching posts (24). Steps to recruit the staff have been taken up.
- 19) 11 and 14 new subjects have been introduced at U.G. Honours and General levels in 11 affiliated colleges from the 2008-09 and 2009-10 session respectively.
- 20) Admission of students in M.A. course in 2008-09 session the Semester Mode in English/ Bengali/Sanskrit/Arabic/History/Education and M.Sc. in Mathematics were completed and classes started from 15th Dec.,2008 in the morning shift ( 7 a.m. to 10 a.m. ) in four local colleges. Admission in 2009-10 session has been completed and the classes commenced on 4.8.09.
- 21) A proposal has been submitted to the Dept. of Minority Development, Welfare and Madrasha Education, Govt. of West Bengal for sanction of fund to provide vocational education to the youth from the minority communities in Computer Applications in the first instance.

## CHAPTER - 5

- 22) 1<sup>st</sup> and 2<sup>nd</sup> Semester P.G. exams. of constituent colleges have been held on schedule and results published. 1<sup>st</sup> semester P.G. Exams. of the University Campus courses held in June,2009. Results published in August. 2<sup>nd</sup> semester P.G. exams. (campus) will commence on 3.11.09.
- 23) Home Centre has been abolished for B.Ed. & B. P. Ed. Exams, 2009.
- 24) Construction of the Main Administrative Building and one Science Block has started in November, 2009.
- 25) The Centralized Admission procedure for B. Ed course has been introduced from 2010-2011 sessions.

### 5.11 NETAJI SUBHAS OPEN UNIVERSITY (1997)

Netaji Subhas Open University was established as a State Open University in 1997 by an Act of West Bengal State Legislature (West Bengal Act XIX of 1997). Netaji Subhas Open University has emerged as a major leader of Open and Distance Education in India through its recognition by the Distance Education Council (DEC) and the University Grants Commission (UGC) since its inception. NSOU, though a State Open University, has drawn national as well as international visibility due to its phenomenal growth. The University has clocked, till date more than 2 lakh learners. Currently the University offers a prodigious variety of courses and programmes at its 173 Study centres spread all over the State.

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

- Provides quality education in a flexible mode to serve the aim of establishing an equitable knowledge society within the state, facilitates higher education through distance learning mode in the language of the State, i.e. Bengali
- Makes education affordable to the disadvantaged
- Provides facility for lifelong education to intending learners
- Strives for upgrading technology without compromising the basic values of the society
- Contributes to the development of the State and the nation and motivates learners to work towards secular, scientific and democratic education

Netaji Subhas Open University has recorded an amazingly phenomenal annual growth in the enrolment of students from all cross-sections of society aspiring for access to higher education. At the end of the academic session 2009-2010 a total of **2,00,172** students are enrolled at **173** study centres in its **16 programmes** and **81 courses** across the State of West Bengal.



## UNIVERSITIES

- I. Different Departments of the University with the courses at UG/PG/PG-Diploma level with number of seats available to each of the courses. List of affiliated colleges with courses and available intake capacity.

Name of the course	Number of seats available	Number of students admitted
<b>Bachelor's Preparatory Programme –</b>		5353
Social Science	-	-
Commerce	-	-
<b>Bachelor Degree Programme –</b>	-	-
Bengali	-	5885
English	-	1380
Political Science	-	364
History	-	3876
Sociology	-	760
Economics	-	25
Public Administration	-	93
Commerce	-	537
Mathematics	-	363
Physics	-	117
Geography	-	1331
Chemistry	-	112
Botany	-	77
Zoology	-	388
Physician Assistant	20	14
<b>Post Graduate Courses -</b>	-	-
Bengali	-	2595
English	-	983
English Language Teaching	-	27
Political Science	-	340

## CHAPTER - 5

Social Work	-	1756
Public Administration	-	48
History	-	2002
Education	-	1715
Commerce	-	586
Mathematics	-	634
Geography	75	75
Zoology	95	94
Library and Information Science	-	279
<b>Post Graduate Diploma -</b>	-	-
Journalism & Mass Communication	-	31
Public Relations & Advertising	-	8
English Language Teaching	-	15
Tailoring & Dress Designing	320	236
Apparel Designing & Fashion Technology	40	21
Needle work & Knitting	80	74
Psychological Counseling	-	34
Retail Management	-	11
Hospital Support Services Management	20	5
Hospital Front Office Management	40	9
<b>Post Graduate Diploma -</b>	-	-
Journalism & Mass Communication	-	31
Public Relations & Advertising	-	8
English Language Teaching	-	15
Tailoring & Dress Designing	320	236
Apparel Designing & Fashion Technology	40	21
Needle work & Knitting	80	74
Psychological Counseling	-	34
Retail Management	-	11
Hospital Support Services Management	20	5

## UNIVERSITIES

Hospital Front Office Management	40	9
Cardiovascular Sonography	10	3
<b>Second Bachelor Degree -</b>	-	-
Library and Information Science	-	2780
B.Ed (SEDE) – Hearing impairment	190	146
Mental retardation	280	102
Visual impairment	20	20
<b>Certificate Courses -</b>	-	-
Human rights	-	34
English for communication	-	16
Tailoring & Dress Designing	-	315
Computer Hardware & Networking	-	1
Financial Accounting System	-	1
Computer Operator & Programming	-	1
Information Technology Applications	-	1
Cultivation & development of Ornamental fish & fish feed	-	32
Blood Donors' Motivation, Blood Science & Social Work	-	27
Medicinal & Aromatic Plant cultivation & Vermicomposting Technology	-	3
Women Empowerment "AMRA PARI"	-	14
<b>Diploma Courses -</b>	-	-
Yoga Therapy & Physiotherapy	120	85
Medical Laboratory Technology	60	22
Community Based Health Management	-	12
Sishu Siksha Training	-	3312
Travel & Tourism	-	13
Entrepreneurship Development and Small Business Management	-	25
Pre Primary Teachers' Training	-	219
CON-COP	-	2

**II. Schools and Centres of University with a brief note on the activities of such schools/ centres.**

Netaji Subhas Open University has the following three (3) academic schools —

- i. School of Science
- ii. School of Humanities and Social Sciences
- iii. School of Non-Conventional Courses

**i. School of Science**

The School of Science is a very active and dynamic organ of the University. The School runs three (3) M.Sc. courses in Mathematics, Zoology and Geography and six (6) courses at the undergraduate level [i.e. BDP level (Bachelor Degree Programme)] in Zoology, Botany, Physics, Chemistry, Mathematics and Geography. The Study Centres for counseling of Science students at UG and PG level are widely distributed all over the State of West Bengal.

**Development during the current year —**

There is a steady growth of the School in terms of number of students enrolled and quality of teaching.

**Workshop on Laboratory Counseling-cum-Evaluation Session (LCES), 2009**—A one-day workshop on Laboratory Counseling-cum-Evaluation Session (LCES), 2009 was organized in the School of Science at Salt Lake Campus on 22.09.2009. Resource persons from various study centres attended the workshop and exchanged their views. In November-December 2009 Laboratory Counseling-cum-Evaluation Session was organized for five laboratory-based subsidiary subjects in seven (7) study centres which was attended by 750 students.

**Compulsory Computer Training Programme**—A five-day computer training programme was arranged at 6 centralized training centres for Post Graduate Mathematics students as a compulsory curriculum.

**Counseling at Alipore Central Corrcetional Home**—Faculties from School of Science regularly counsel students of this University who are inmates of Alipore Central Correctional Home as they have no opportunity to attend classes in study centres located outside the correctional home.

**Practical Classes on Remote Sensing and Geographic Information System**—In the School of Science premises located at Salt Lake a state of the art Remote Sensing and GIS Laboratory has

## UNIVERSITIES

been established to facilitate PG students' practical curriculum. *Geometica 10.1*, a high-end Remote Sensing and GIS Software with 10 licenses has been installed in this computer laboratory. Post Graduate Students of Geography belonging to different study centres are being trained in this laboratory. During current academic session about 95 students got the opportunity of hands on training from this laboratory.

**Field Work in Geography** — All Post Graduate Students in Geography were taken to Santiniketan on 23.01.2010 on a three-day trip for Field Work with necessary survey instruments and questionnaires to study in detail about the physical and socio-cultural scenario in and around Santiniketan area.

**Seminar/Symposia** — A one-day seminar titled *Arsenic Pollution: A Global Threat in the New Millennium* was organized by School of Science in collaboration with Public Health and Engineering Department, Government of West Bengal on 06.08.2009. The seminar was attended by academicians and technical persons from different parts of West Bengal.

**Interactive Radio Counseling Programme** — Interactive Radio Counseling programmes arranged by School of Science with the help of renowned personalities of science and technology are broadcast through Gyan Vani F M Channel, Kolkata.

### ii. School of Humanities and Social Sciences

The School of Humanities and Social Sciences is the largest academic School of the University both in terms of number of courses and enrolment of students. The School offers Bachelor Degree Programmes (BDP) in Bengali, English, History, Sociology, Economics, Political Science, Public Administration and Commerce and Post Graduate Degree Programmes in Bengali, English, English Language Teaching, Public Administration, Political Science, Education, Social Work, Commerce and Business Administration, Library and Information Science and also some other PG Diploma, Certificate and Short-term courses like Journalism & Mass Communication, Human Rights, English for Communication, Public Relations and Advertising. The School also has two (2) Second Degree Programmes, viz. Bachelor of Library and Information Science and B. Ed. (Special Education).

The *Centre for Language Studies*, the only centre of this University, works under this School and conducts certificate course in English for Communication and Post Graduate Diploma in English Language Teaching (PGDELT).

### Academic Activities

- Professional Development for WBCS Officers
- Scope of study for inmates of Alipore Central Correctional Home

- Personal Contact Programme (PCP)
- Special Lecture Programme

**Seminars/Symposia/Endowment Lectures**—The School organized the following Endowment/Memorial Lectures :

- The Fourth Srinivasa Ramanujan Memorial Lecture** was delivered by Professor Shyama Prasad Mukherjee, formerly Centenary Professor of Statistics, University of Calcutta on 9<sup>th</sup> November, 2009 at Assembly Hall, Indian Institute of Social Welfare and Business Management, College Square West, Kolkata.
- The First Rabindranath Tagore Memorial Lecture** was delivered by Professor William Radice of School of Oriental and African Studies, University of London on 2<sup>nd</sup> December, 2009 at Paschimbanga Bangla Academy.
- The First Netaji Memorial Lecture** was delivered by Professor Sobhanlal Dattagupta, formerly Surendranath Banerjee Professor of Political Science, University of Calcutta on 3<sup>rd</sup> March, 2010 at Paschimbanga Bangla Academy.

**Special Education programme for physically and mentally challenged**—The School offers B. Ed. (SEDE) course in three (3) areas of disability—**mental retardation, visual impairment & hearing impairment** since 2005. This year the number of enrolment is 264. A workshop on Orientation programme for Coordinators, B. Ed. (SEDE) Course was held at NSOU Headquarters on 8-9 April, 2009 which was attended by representatives of 13 study centres of this course.

### iii. School of Non-Conventional Courses

In its ceaseless venture to reach the unreached Netaji Subhas Open University also imparts knowledge in the area of vocational and non-conventional studies. This is an area where open and distance learning methods can be used extensively to provide need-based, vocation-centric education to build skilled workforce for the society. The University is providing vocational and non-conventional courses so that the learners can engage themselves in income-generating livelihood. Netaji Subhas Open University is providing the opportunity to the existing workforce to upgrade their skill by offering seamless vocational education training through its **84 vocational study centres** all over the State of West Bengal. Presently, there are **5000 learners** on roll in **37 courses** under this department. At present the University exploring the possibility of opening vocational centres at remote areas of the State. The University is also stressing upon the importance of **women empowerment** by imparting different courses exclusively for girls/women. The women empowerment programme “**Amra Pari**” of the University includes community health, infant care and ways to combat malnutrition and special needs of adolescent girls.

## UNIVERSITIES

iv. **Highlights of the important activities and achievements during the year including information on research, publications, patent earned, Ph. D. awarded, collaboration with foreign universities, etc.**

a. **Recent Developments**

- **Construction of a building** with latest facilities on 15 cottah land at Salt Lake, Kolkata. A major part of this building would be available for use in the current academic year.
- **Construction** of further buildings in the Kalyani campus of the University at Nadia district.
- Around 7000 sq. ft. of built up area in a building in Salt Lake has been offered for temporary use of the University by the Government of West Bengal.
- Steps have been taken by the University to take advantage of Satellite Based Education facility as it has been allowed to use a regional beam of EDUSAT. University's own Audio-Visual Studio (Teaching End) has been established to transmit educational programmes in audio-visual format to a number of study centres (Learning End) located at remote districts of West Bengal.
- Online publication of results of BDP and PG Courses from 2009.
- Review system for BLIS, BDP and PG results has been introduced.
- Introduction of Videoconferencing system as part of e-governance initiative.
- Setting up of a Students' Grievance Redressal Cell.
- Introduction of integrated software to process Student Registration, Examination, Grants, Inventory and Accounts using leased line.
- Recruitment of one Professor of Political Science and one IT Officer against substantive positions. Other positions sanctioned by the Government have also been advertised and are in the process of being filled up.
- Establishment of Quality Assurance Cell.
- Setting up of IT Cell.

**b. Research**

The new registration for Ph.D. has been postponed since June 2009 for finalization of the New Regulations which is at its advanced stage of preparation. Till date **327 candidates** have enrolled themselves for the Doctor of Philosophy (Ph. D.) Programme.

**c. Publications**

- *Proceedings of Arsenic Pollution : A Global Threat in the New Millennium*
- *Studies in Accounting Finance and Management : Contemporary Issues, Edited by Dr. Udaybhanu Bhattacharya.*

**d. Ph. D. Awarded**

In the 8<sup>th</sup> Annual Convocation of the University held on 13.05.2010 following twelve (12) scholars were awarded the Ph.D. degree —

**e. School of Humanities & Social Sciences**

- i. Kalishankar Bhattacharya (Bengali)
- ii. Khokan Jana (Bengali)
- iii. Sadhan Chandra Pandit (Bengali)
- iv. Notan Bhusan Kar (Sociology)
- v. Amit Majumder (Commerce)
- vi. Anindita Gangopadhyay (Management)
- vii. Swapan Kumar Maity (Management)
- viii. Jayato De Roy (Music)
- ix. Kankana Mitra (Music)
- x. Debasree Mitra (Journalism & Mass Communication)



## UNIVERSITIES

### f. School of Science

- i. Nibedita Mukhopadhyay (Environmental Science)
- ii. Sufia Zaman (Environmental Science)

As of now a total of 24 scholars were awarded Ph. D. degree.

- g. Distance Education**— Since this University is a State Open University all courses offered by this University are offered through Distance mode only.

### h. Central fund received during the year

Sl. No.	Funding Authority	Head of Account	Nature of Grant	Amount in Rs.
1	Higher Education Department, Govt. of West Bengal	Maintenance Grant (Non-Salary)	Regular	28,00,000/-
2	Higher Education Department, Govt. of West Bengal	Maintenance Grant (Salary)	Regular	76,44,000/-
3	Higher Education Department, Govt. of West Bengal	Salary Grant	Additional	98,73,806/-
4	Higher Education Department, Govt. of West Bengal	Construction of Urban Campus	Additional	45,49,218/-
Total				2,48,67,024/-
5	Distance Education Council, Govt. of India	Development Grant	Assigned	3,00,00,000/-
6	Distance Education Council, Govt. of India	Development Grant	Unassigned	4,00,000/-
<b>Grand Total</b>				<b>5,50,67,024/-</b>

### 5.12 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.

**This University has 3 (three) Schools :**

- 1) School of Engineering & Technology;
- 2) School of Biotechnology & Biological Sciences;
- 3) School of Management & Sciences

#### 1) **School of Engineering & Technology :**

**The School of Engineering & Technology consists of the Departments of Computer Science & Engineering (CSE), Information Technology (IT) and Industrial Engineering & Management (IBM).**

The **Department of Computer Science & Engg**, under the School of E.T. offers *B.Tech. in Computer Science & Engineering (CSE), M.E. in Computer Science and Engineering, M.Tech. in Software Engineering and M.Tech in Microelectronics & VLSI Designs*. All the courses are approved by AICTE. The PG courses are geared towards imparting higher level of qualification to existing and aspiring teachers of technological institutes, inspiring the spirit of research & development and providing skill upgradation for industries.

The performance of the students in curricular and extra curricular activities are excellent. Their performance in placement related interviews is praiseworthy. Direct interaction of leading industries with the students are encouraged through workshops, seminars etc. To cite a few such achievements it is worthy of mention that four B.Tech. students have been taken as ***interns in their final semester by Intel India Pvt. Ltd***, and after satisfactory performance, two have been recruited. Among other activities, the ***students of the School of ET, WBUT, have developed an innovative website for Metro Railway*** based on ideas which have the potential of developing into an ***IPR*** for the University. Not only the faculty, even the PG students have already published in reputed journals and have regularly participated in conferences, both in India and abroad. SET has ***organised seminars and workshops*** in collaboration with industries for skill upgradation.

## UNIVERSITIES

The University has a computational laboratory, initially developed by *IBM* as a potential **Centre of Excellence**, However, the **demand for more space and varied laboratories** are felt. **WBU7 actively supports the use of open source**. There is a very well developed *Microelectronic Characterisation laboratory* where PG students are learning skills of electrical characterisation. Two ex-students have joined as **Ph.D. scholars in VLSI designs in IIT Kharagpur and UT-Delhi**. **One other PG student has joined IIT-Mumbai as project scholar** in Microelectronics & Material research related laboratory. The Fabrication laboratory is being developed. Faculty members have managed to draw fund from Central Government funding agencies to develop the laboratories.

However, the Department **needs more faculty** to support the **courses which are being successfully run inspite of the adversities**. There is a **demand for starting a Department of Electronics** where B.Tech. & M.Tech. in Electronics & Communication engineering can be offered along with the already existing course of Microelectronics & VLSI Designs, presently run by the Department of CSE.

The **Department of Industrial Engineering & Management** under the School of Engineering & Technology offers M.Tech in Industrial Engineering & Management. This course is AICTE approved.

There is a proposal for opening up B.Tech courses in Electronics and Communication and Computer Science & Engineering in addition to the present B.Tech. courses in the near future.

### School of Biotechnology & Biological Science

The **Department of Biotechnology** was established in 2003 with a view to develop a center of excellence for education and research in biotechnology. In so doing, a four-semester AICTE-approved and DBT supported M.Tech. programme in Biotechnology was started with students qualifying in the All India level Combined Biotechnology Entrance Examination (CBFE) conducted by **Jawaharlal Nehru University, New Delhi**. It is pertinent to mention that WBUT and Annamalai University are the only two centers in the country in M.Tech Biotechnology supported by the Department of Biotechnology, Government of India.

The programme took off successfully in early 2003. A modest infrastructure has been developed with the financial support from WBUT and other national funding agencies viz.. DBT. BRNS. AICTE. CS1R and DST. In 2005. the Department of Bioinformatics was started with a four semester AICTE approved M.Tech programme (M.Tech. in Bioinformatics). The School of Biotechnology (recently renamed School of Biotechnology and Biological Sciences) was set up in 2006 for all round development of Biotechnology and Bioinformatics.

## CHAPTER - 5

The main focus of the School of Biotechnology & Biological Sciences is education and training of students in various facets of frontier Science. The post B.Sc. integrated Ph.D courses in Molecular Biology, Microbiology and Bioinformatics are the other important courses under this School. A Centre for Genetic Counseling is run where outreach activities in the form of diagnosing and counseling of patients suffering from genetic disorders is carried out.

We have also been able to set up a Transmission Electron Microscopy Laboratory in early 2007 which provides user facility to various sister organizations. Eventually in early 2008 a hands on training program on Prokaryotic whole cell visualisation was organized with eminent microscopists from all over the globe as instructors. 108 participants from different parts of the country attended the workshop. This occasion was used as a platform to name the Center as “N. N. Dasgupta Electron Microscopy Center”.

The Alumni of the School has recently established an Alumni Association (WBUT Biotech Alumni Association. WBAA) in order to promote good interaction among them and have been organizing events successfully since 2008. Recently another new milestone has been achieved by the WBAA collaborating with the School of Biotechnology and Biological Sciences in releasing its own official magazine called “BIOVARIANCE”.

### **School of Management Sciences**

The School of Management Science (SOWS) was set up by the West Bengal University of Technology (WBUT) in July 2006. The aim of the School was to function as a centre for advanced studies and research in Management and allied disciplines. The objectives of the School of Management can be broadly summarized as under :

1. Promote cutting edge research in different areas of management, economics and finance, and other social sciences with special emphasis on interdisciplinary research :
2. Introduce new and relevant programmes at the postgraduate levels which would foster an effective interface between industry and academics;
3. Support the different programmes running under WBUT in management and allied disciplines in terms of updating their course structure and syllabi, and also improve and upgrade the evaluation and examination process.

To fulfill these objectives, the School of Management started the M. Phil and Ph. D programmes in Management, is actively involved in executive and faculty development programmes, and regularly organizes seminars and workshops.

## UNIVERSITIES

The **Department of Natural Science** is also currently housed under SOMS and is headed by the Director, School of Management.

### Current Activities of the Management School

The activities undertaken by the School of Management to fulfill the afore-mentioned objectives can be grouped under two broad headings :

1. In-house activities which seek to promote research, train prospective researchers. and introduce high-quality academic programmes;
2. Supervisory activities which try to support undergraduate and post-graduate programmes in the affiliated colleges of the University. **In-house Activities**

#### (A) *Programmes offered in Management*

**M. Phil and Ph. D in Management** - WBUT has given approval to several institutes in the slate to offer a postgraduate degree programme in management. In most of these institutes there is dearth of quality management faculty in terms of both numbers and desired qualification. There is, therefore, an urgent need to initiate a programme to develop and train management faculty members. SOM is addressing this need by offering an M. Phil and Ph.D programme in Management. Armed with such a degree, students will be encouraged to take up academics as a career option.

The M. Phil in Management is a two semester program with an intake capacity of 15 students. The first two batches of M.Phil (Management) have been completed and many of the students have already initiated their Ph.D work. The third batch is currently in progress. The admission process to the M.Phil programme is extremely rigorous. SOM, WBUT conducts admission tests / interviews to judge the academic understanding and research potential of the applicants. Admission is based on past academic record, performance of the candidate in the selection process and orientation of the candidate towards research as judged by the panel of interviewers.

### Collaboration

There was a collaborative agreement in September 2006 between SOM, WBUT and School of Management, Southern Illinois University on faculty and student exchange.

### Grant received from UGC under XI Plan

The University Grants Commission has approved the tentative XI plan Allocation subject to availability of funds from Government of India, in respect of our University as under :

i) General Development Grant	Rs. 500.00 lakh
ii) Merged Schemes	Rs. 364.80 lakh
iii) Internal Quality assurance cell	Rs. 5.00 lakh

Out of which this University has got Rs. 2.5 Crores from the General Development Grant, Grant received from DBT - 65.96 lakh for the year 2008-09

### 5.13 THE BENGAL ENGINEERING AND SCIENCE UNIVERSITY (2004)

'In 1992 the union MHRD declared the Institute as a deemed University under Section 3 of the UGC Act 1956. With effect from 16.02,1993 its management was transferred to a registered Society. Subsequently in 2004 the Institute was transformed into a full fledged State University named Bengal Engineering and Science University, Shibpur through a State legislation.

Apart from being a front ranking national academic institute involved in carrying out cutting edge research, the University has a strong base of industrial research. Headed by the Director of Research the industry institute partnership cell oversees externally funded research projects and extension activities.

#### Research for Society :

1. A very important pilot project on 'Broadband Powerline Communication' (BPL) has been launched by the research group led by Professor Pabitra Kumar Ray, Department of Electronics and Tele-Communication Engineering, in collaboration with CESC, Kolkata. BPL installations were set up in two areas in the eastern part of the city of Kolkata. The investigations on the various aspects of BPL performance, viz., speed at the recipient's end, coverage area, stability, reliability of service and R.F. interference have been yielding consistently encouraging results.
2. The Civil Engineering Department helped build arsenic removal system and suitable sanitation system at fifteen high schools in the districts of Nadia and North 24 Parganas. Five community-based arsenic removal units have been installed in Nadia and North 24 Parganas districts; till date more than 200 such filters have been installed.

## UNIVERSITIES

3. The University has developed domestic fluoride removal unit for village applications. UNICEF and Dept. of Panchayat, Govt. of WB have taken up the technology of the filter to promote it in the affected districts of West Bengal through Rural Sanitary Marts.
4. Using a novel technology BESU has installed the first community-level defluoridation units in Rampurhat-I block of West Bengal; the unit is showing promising results.
5. The department of civil engineering, has been nominated as the project facilitating agency for the international project on “Development and Application of Potentially Important Jute Geo-textiles” funded by - “Common Fund for Commodities (CFC)”, the Netherlands.
6. The faculty and students in electronics and telecommunication engineering department have developed a novel sensor for detection of bacteria. Work on development of advanced steel for defence applications by the faculty of metallurgy department found applications in defence productions.

### **Sponsored Research and Industrial Consultancy**

A ‘Sponsored Research and Consultancy Cell’ has been created with Director (Research) and Associate Director (Sponsored Research and Industrial Consultancy) to enhance the sponsored research activities in the university. The Cell has been formed with a full fledged office, logistic support and more financial power to the Sponsored Research and Industrial Consultancy Cell. Consolidation of all discrete accounts under the research programme to a single account has ensured better control, visibility and management.

During the year under review, the faculty from different departments and schools have initiated many collaborative multi-disciplinary research programmes. During the last one year, the faculty have received thirty six sponsored research Projects with a total value of about Rs. 12 crore from the Sponsoring Agencies CSIR, CCRH, DST, UGC, AICTE, DRDO, MOEF, Ministry of Steel, UNICEF and also some private organisations like TISCO, HSCC, APS-MICHIGAN etc. Many more projects are in the pipeline. Govt. of West Bengal and Prof. Subimal Sen, Chairman, West Bengal State Council for Higher Education.

The C. K. Majumder memorial workshop for motivating senior undergraduate students from different colleges of West Bengal to go for innovative experiments in Physics was conducted by the Department of Physics during 16-23 July 2009.

A seminar on Darwin’s Legacy was held on 8<sup>th</sup> April, 2009 to commemorate 150 years of the tome ‘The Origin of Species’. Another seminar on Galileo’s work and development in Telescopes was held on 30<sup>th</sup> November, 2009 to observe the world year of Astronomy.

### **Central Library**

Having moved to the newly constructed library building “The Central Library’ has started functioning from there in August 2009. To facilitate use of e-resources like ASCE, ASME and IEL Online, the library has set-up an e-reading room. From January 2010, the Library is getting access of Springer’s LINK and JSTOR database through UGC-INFONET Digital Library consortium and Elsevier’s Science Direct from its own resources. Process is underway to enhance the authorised users of IEL Online by five times.

### **New Initiatives**

The importance of protecting and preserving the environment and ecosystem has been realised by the entire global population today. Keeping in view the urgency to act, the University has initiated the development of a green campus, where substantial amount of energy will be generated from Solar and other renewable forms of energy sources. The University has undertaken the task of energy auditing and would initiate energy management strategies in the academic and residential areas of the university.

The University has also initiated studies and research on green technology, including green energy education and research. A new interdisciplinary research Centre for Green Energy and Sensor Systems’ at BESU has been investigating non-polluting, non-fossil-fuel and environmentally friendly energy resources.

The water quality has considerably degraded due to the presence of pathogens, organic compounds, nitrate, and algae and so on. The Arsenic and fluoride contamination in water poses potential health hazard. The air is polluted due to the abundance of respiratory suspended particulate matter leading to lungs and cardio vascular diseases. From the city garbage disposal and waste management system to the conservation and management of biosphere reserve - there are plethora of areas which need immediate attention.

Several departments and Schools of the University have been actively engaged in research and development for the cause of the society in all these areas.

### **Green Building at BESU**

BESU is going to start a green energy efficient research building with green architecture and green material. CES, New Delhi has agreed to help BESU in having a green building for its research on ‘*Green Energy and Green Architecture*’. This multidisciplinary research building will house research



## UNIVERSITIES

activities on (a) Photovoltaic /solar cell, fuel cell devices/ biomass (b) green architecture and civil construction (c) green energy transfer to the electric grid (d) green material and (e) green IT.

BESU has also initiated a 'Centre of Health care Science and Technology', where faculty members from various departments and schools have initiated work on Telemedicine, Medical imaging, Bio Mechanics, Genetics and Biosensors.

### Students' Activities

During the period under review students of this university aptly organised two intercollegiate technical festivals, '*Instruo 2k09*' and '*Instruo 2k10*'. A large number of participants from many institutions and universities participated in these technology fetes. The focal theme for '*Instro-2k10*' was 'Go Green'. Through their wares the participating students demonstrated their creative talents in conceptualising and fabricating scientific models, designing intelligent software and proposing innovative solutions to various technological problems.

The spectacular array of brilliant photographs snapped by the students, - on display at the 'Students' Centre for Creative Expressions' at Slater Hall, and a large number of cultural programs presented by the students on many occasions, bore testimony of the brilliance of the creative young minds of BESU.

Students with literary inclinations have left a mark in the area of creative writing. They have introduced a students' publication "BE-tan" in 2009. Our student Shri Sonnet Mondal, who has already published three books have been bestowed the honour "Poet Laureate" from Italy.

Regular post-dusk reverberations at the "Students Centre for Creative Expression" make the university proud. Students regularly participate in dramatics, photography, music and scientific modelling. During a recently held cultural soiree a large number of students demonstrated their talents through fusion of eastern and western visual and musical arts. Finesse, inventiveness and love for beauty were visible in the horticultural mystic poetry that was presented in abundance during the inter- hostel gardening competition held in Feb 2010.

Students participated in several inter-collegiate tourneys including 'All India Inter Technical College Football Tournament', - Calcio Cup - at ISM University, Dhanbad and "Chetan Devraj Inter Technical Collegiate Cricket Tournament' at B.I.T. Meshra, Ranchi in both of these tournaments the BESU team reached Quarter Finals.

### Highlights of the Important activities and achievements during 2009-2010

#### New Collaborations

- a) Metalogic Systems Pvt Ltd Kolkata has created a Chair Professor in memory of Prof S S Baral, former Head and founder of Electronics and Tele communication Engineering Department. A 'Software Innovation Centre' has been launched jointly with Metalogic Systems Pvt. Ltd., Kolkata who will also undertake construction of a building for the purpose.
- b) As research collaboration, BESU, jointly with Queen's University, Belfast, (QUB), UK and IEMS (Jamshedpur), received the prestigious DelPHE project from British Council. Dr. Kalyan Bhar and Dr. Anirban Gupta visited QUB and one research scholar of QUB will work for six months at BESU for carrying out doctoral research. A team of Professors under the leadership of Vice Chancellor of QUB, UK visited BESU and inaugurated BESU-QUB collaborative research centre.
- c) In collaboration with Windsor University, Canada a postgraduate programme in Automotive Engineering is to be started shortly; A CIDA project for the same is under an advanced stage of consideration.
- d) As a part of collaboration with the University of Pennsylvania, USA, three Students of UPenn worked in an arsenic remediation project at the civil engineering department of this university and Dr. Anirban Gupta has been offered a visiting professorship by the UPenn.
- e) A collaborative research project on arsenic remediation has been taken up with the Lehigh University, USA. BESU and Lehigh University together shared three international awards on arsenic remediation and researchers of these two universities authored five technical papers jointly.
- f) International fundings have been received for arsenic removal projects from Water for People, Denver, USA and DFID, UK through DelPHE grant of British Council. A major grant for research on fluoride-removal has been received from UNICEF.
- g) The DST, Govt. of India, has granted an International collaborative project under the scheme "CP-STIO" (Collaborative Project with Scientists and Technologists of Indian Origin settled abroad) involving BESU, IIT-Roorkee, and University of Arizona, Tucson, USA, with Dr Subrata Chakraborty as its Principal Investigator. Under this scheme Prof. Achintya Haldar of the University of Arizona visited BESU during December 26,2009 to January 16,2010 and delivered a series of lectures on "Uncertainty and Reliability".

## UNIVERSITIES

- h) CEERI Pilani is going to set up a 'Microelectronics Fabrication Centre' at the Department of Electronics and Tele communication Engineering of this University.
- i) The School of Ecology, Infrastructure and Human Settlement Management has undertaken a collaborative Research project on "Implementing Sustainable Behaviour through Sediment Husbandry in West Bengal Sunderbans' with Queen's University Belfast, UK.
- j) The Ministry of Steel has granted a 'Steel Chair Professor' and also offered five scholarships to the students pursuing bachelor's programme in Metallurgy and Materials Engineering at BESU. Earlier Tata Golden jubilee Chair Professor was instituted by Tata Steel.

### SANCTIONED FACULTY STRENGTH

Sl. No.	Name of the Department	No. of faculty			Total
		Professor	Asst. Professor	Lecturer	
1	Applied Mechanics & Aerospace Engineering	04	09	15	28
2	Achitecture, T & RP	03	06	04	13
3	Civil Engineering	06	11	13	30
4	C.S.T.(incl. the posts for MCA)	03	06	11	20
5	Electrical Engineering	05	11	12	28
6	E&TC	02	05	06	13
7	Mechanical Engineering	05	09	12	26
8	Metallurgy & Materials Engineering	02	05	05	12
9	Mining Engineering	01	04	05	10
10	Information Technology	01	02	06	09
11	School of Material Science	01	-	-	01
12	Chemistry	03	05	05	13
13	Geology	01	03	03	07

## CHAPTER - 5

14	Humanities	01	04	02	07
15	Mathematics	03	08	06	17
16	Physics	02	03	06	11
17	HRM	01	-	-	01
18	PICSA	01	-	-	01
	TOTAL	45	91	105	

### Central fund received during the year

Year	Fund received from	Amount (in rupees)
2009-2010	AICTE	21242173
	CSIR	7603572
	DST	23901235
	UGC	25803137
	Others	26151375
	Total	104701492

#### 5.14 U.G.C. RECOMMENDATIONS FOR THE 11<sup>TH</sup> PLAN

University Grants Commission has recommended and released development grant for creation of 254 nos. teaching posts for the XI<sup>th</sup> plan period in respect various universities. The relevant files have been sent to Finance Department for their concurrence. Finance Department has already cleared the parts of Vidyasagar University and Kalyani University.

## **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***

**OTHER UNIVERSITIES**

## 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

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 Kudhram 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**

<b>Course</b>	<b>Eligibility criteria</b>	<b>Duration</b>
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

## CHAPTER - 6

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.

<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 :</b>			<b>1110</b>

## OTHER UNIVERSITIES

<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	
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
<b>Total : 170</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

## CHAPTER - 6

National Inst. of Orthopaedically Handicapped, Kolkata	B. Sc. Physiotherapy	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
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>

## OTHER UNIVERSITIES

### 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 : 033-2654-9999; Mobile : 98302-16636

E-mail : [rkmveri@gmail.com](mailto:rkmveri@gmail.com), [atmapriyananda@gmail.com](mailto: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.

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 ;

## OTHER UNIVERSITIES

A centre for realising both the external and internal features of India and fusion of Oriental and Western cultures.

## 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 years.

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 years.

M.A. — Two years.

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.

### **SIKSHA BHAVANA**

B. Sc. (Hons)–Three years.

Subjects: Physics, Chemistry, Mathematics, Botany, Zoology and Bio-technology.

M.Sc. – Two years.

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 Students' course in the same subjects as in (i).

## **OTHER UNIVERSITIES**

### **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 years.

M. Sc. (Ag.) in Agricultural Sciences – 2 years.

Ph.D.

### **PALLI SANGATHANA VIBHAGA**

B.S. W. – Three years.

M.S.W. – Two years.

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.

### 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)

## **OTHER UNIVERSITIES**

### **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.

### **6.2.2.6 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, MEDINIPUR**

**Main Campus at Kharagpur,**

**Dist. Paschim Medinipur, 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

## CHAPTER - 6

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	

## CHAPTER - 6

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



**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.

**The Institute offers courses of study leading to a M. Tech. Degree in the following disciplines :**

<b>Discipline</b>	<b>Sanctioned Intake</b>	<b>N.I.T. (DU - Status)</b>
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 Metallurgy)	19	
Master of Business Admn. (MBA)	60	
Master of Computer Application (MCA)	60	

## OTHER UNIVERSITIES

### 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

**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.

## OTHER UNIVERSITIES

### 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

## CHAPTER - 6

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:

- **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.

## OTHER UNIVERSITIES

### 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 THE 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.

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.

## **OTHER UNIVERSITIES**

### **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.

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.



## CHAPTER - 6

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 effect 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.

## OTHER UNIVERSITIES

- 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.

#### **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***

**COLLEGES**

## CHAPTER – 7

### COLLEGES

#### 7.1 GENERAL INFORMATION ON GOVERNMENT AND NON-GOVERNMENT COLLEGES:

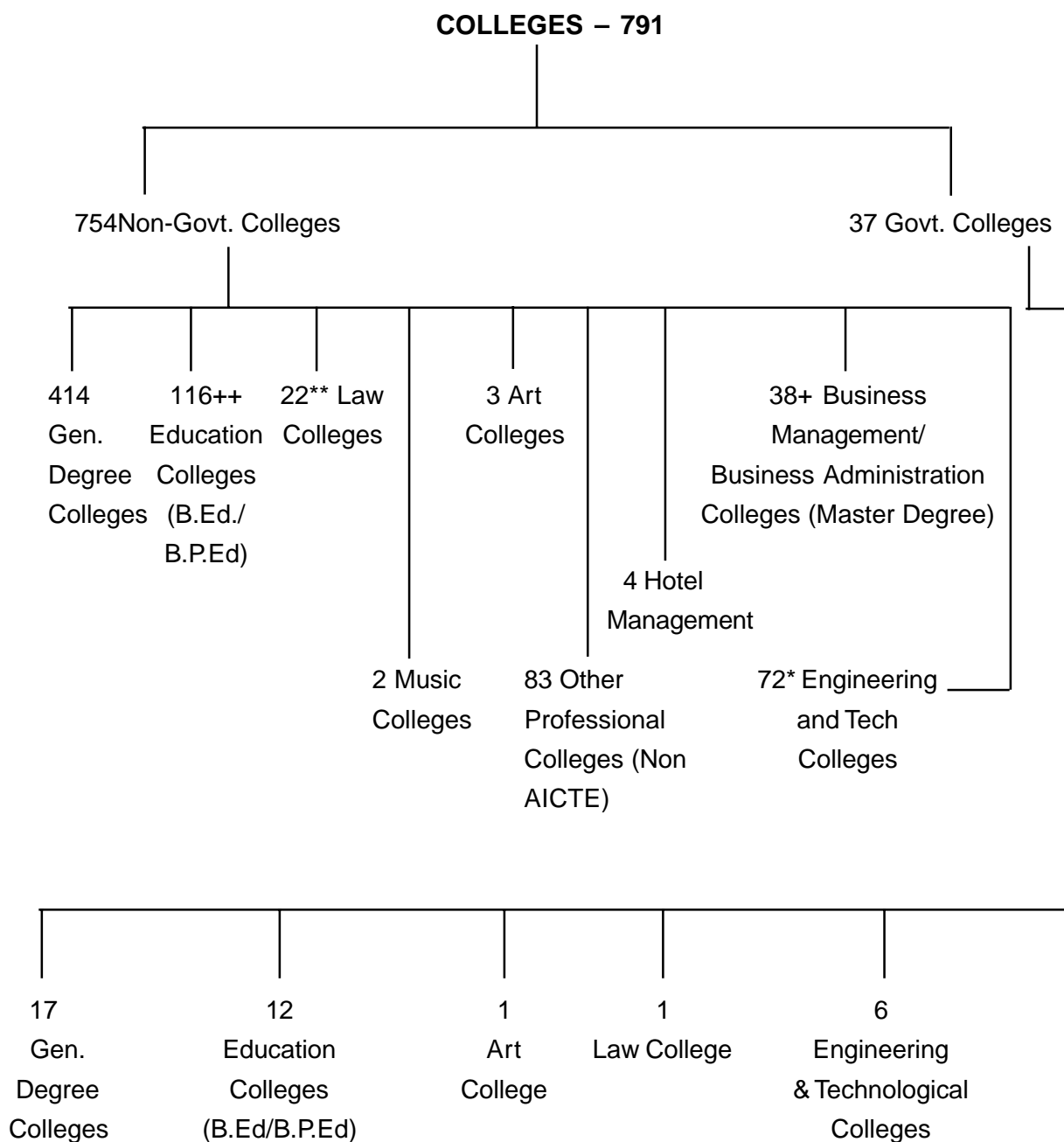
There are, different categories of Colleges in West Bengal like Govt. colleges, non Govt. colleges under pay packet scheme and private self financing colleges under the administrative jurisdiction of the Higher Education Department. They include General Degree Colleges and professional colleges like 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 controled 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



\* Excluding of University Colleges/Departments of JU,BESU, CU, BU& KU, WBUT

\*\* Excluding University Colleges/ Departments

+ Exclusive of University Management Deptts. and inclusive of Engg. Colleges with Management Deptts.

++ Excluding University Colleges/ Departments.

## CHAPTER - 7

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	19	15
Burdwan	30	27
Birbhum	17	11
Purulia	16	12
Calcutta	67	67
South 24-Parganas	38	29
North 24-Parganas	47	40
Coochbehar	12	10
Darjeeling	20	16
Hooghly	29	25
Howrah	18	17
Jalpaiguri	14	12
Malda	10	08
Midnapore (East)	18	15
Midnapore (West)	24	21
Murshidabad	23	17
Nadia	17	15
North Dinajpur	06	06
South Dinajpur	06	04
<b>Total :</b>	<b>431</b>	<b>367</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 2008-2009. 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 431 General Degree Colleges in West Bengal only 295 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	19	09	50.00	3.48
Burdwan	30	23	82.14	8.91
Birbhum	17	08	57.14	3.10
Purulia	16	10	71.42	3.87
Calcutta	67	58	86.56	17.82
South 24-Parganas	38	25	65.78	8.13
North 24-Parganas	47	34	72.34	13.17
Coochbehar	12	06	54.54	2.32
Darjeeling	20	11	55.00	4.26
Hooghly	29	21	75.00	7.75
Howrah	18	13	72.22	4.65
Jalpaiguri	14	07	53.84	2.71
Malda	10	06	60.00	2.32
Midnapore (East)	18	15	61.11	4.26
Midnapore (West)	24	18	66.66	6.20
Murshidabad	23	11	50.00	4.26
Nadia	17	12	54.94	3.48
North Dinajpur	06	05	66.66	1.55
South Dinajpur	06	03	50.00	1.16
<b>Total</b>	<b>431</b>	<b>295</b>	<b>61.57</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 5 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	19	07	38.88
Burdwan	30	18	64.28
Birbhum	17	08	57.14
Purulia	16	06	42.85
Calcutta	67	37	55.22
South 24-Parganas	38	20	52.63
North 24-Parganas	47	18	38.29
Coochbehar	12	04	36.36
Darjeeling	20	06	30.00
Hooghly	29	18	64.28
Howrah	18	15	83.33
Jalpaiguri	14	04	30.76
Malda	10	03	30.00
Midnapore (East)	18	09	50.00
Midnapore (West)	24	10	41.66
Murshidabad	23	08	36.36
Nadia	17	11	64.70
North Dinajpur	06	03	50.00
South Dinajpur	06	02	33.33
<b>Total</b>	<b>431</b>	<b>207</b>	<b>49.40</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 at next page :

## 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	18
Burdwan	7.91%	8.63%	921	985	28
Birbhum	5.12%	3.76%	949	663	14
Calcutta	0.22%	5.71%	828	24760	67
Coochbehar	3.82%	3.09%	949	732	11
Darjeeling	3.55%	2.00%	943	510	20
Hooghly	3.55%	6.28%	947	1601	28
Howrah	1.65%	5.33%	906	2913	18
Jalpaiguri	7.02%	4.24%	941	547	13
Malda	4.21%	4.10%	948	881	10
Midnapore (East)	7.75%	3.98%	953	464	18
Midnapore (West)	15.87%	12.01%	955	685	24
Murshidabad	6.00%	7.31%	952	1101	22
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	47
Purulia	7.05%	3.16%	953	405	14
South Dinajpur	2.50%	1.87%	950	677	06
South 24-Parganas	11.22%	8.61%	938	694	38

## CHAPTER - 7

### Districtwise distribution of different types of Colleges

District	General Degree (BA/BSc. B.Com)	B. Ed	Physical Edn.	Law	Music	Art	Engg. & Tech.	Business Management & Hotel Management	Total
Bankura	19	6	2	1	–	–	2	–	30
Burdwan	30 (1G)	12(1G)	–	4	1	1	14	7+2	71
Birbhum	17	5	1	1	–	–	2	1	27
Calcutta	67 (6G)	13 (2G)	3(1G)	4	1	1(1G)	17 (2G)	5	111
Cooch-Behar	12(1G)	2	1	–	–	–	–	–	15
Darjeeling	20 (1G)	3	–	2	–	–	2	2+1	30
Hooghly	28 (2G)	5 (2G)	1 (1G)	1 (1G)	–	–	7 (1G)	2	44
Howrah	18	7	–	–	–	–	6	2	33
Jalpaiguri	14	3	2	1	–	–	1 (G)	–	21
Malda	11	4 (1G)	1	–	–	–	1	–	17
Midnapore East	18 (1G)	12	2	1	–	1	2	1	37
Midnapore West	24 (1G)	6	2	1	–	–	1	1	35
Murshidabad	23	9	3 (1G)	2	–	–	3 (1G)	–	40
Nadia	17 (1G)	6	1	2	–	–	5 (1G)	2+1	34
Purulia	16	4	–	–	–	–	–	–	20
North Dinajpur	06	2	–	–	–	–	–	–	08
South Dinajpur	06	2	–	1	–	–	1	–	10
North 24 Pgs	47 (3G)	9 (1G)	1 (1G)	1	–	1	8	8	75
South 24 Pgs	38	7	–	4	–	–	5	7	61
<b>Total</b>	<b>431</b>	<b>117</b>	<b>20</b>	<b>26</b>	<b>2</b>	<b>4</b>	<b>77</b>	<b>38+4</b>	<b>719*</b>

**G – Indicates Govt. College**

**\* Excluding 83 Professional Colleges (Non-AICTE), Total Colleges : 802**

## 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.



## CHAPTER - 7

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).

Year	Provision of Fund (Rs. in lakh)
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
2008-2009	54,46.23
2009-2010	104,66.56

## COLLEGES

### B. Non-Government Colleges

Beside the Government Colleges, the State at present has 608 Non-Government Colleges of different categories of which 419 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.

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.

## CHAPTER - 7

- 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. Till 2009-10, 394 Nos, of State aided Degree Colleges in addition to 17 Govt. and 20 Self-Financing Colleges have been established. 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.

## COLLEGES

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
2008-2009	407,67.79
2009-2010	723,60.70

### 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.

## CHAPTER - 7

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.

During this financial year, as a result of very intense activities of the Cell, total number of accredited institutions at present stands at Accredited College / Dept: 249 (Art College-0); Tech. Coll-02; Teacher Education College / Dept. -15 ; General Degree College -231; Number of accredited Universities: 07 (all excepting the newly emerged ones) By that time, 6 Universities in the State had also been creditably re-accredited.

### ● **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.

- During 2009-2010 9(nine) non-government colleges under pay-packet scheme have 3 Degree College established. In the same period, 15(fifteen) B.Ed. colleges and 1(one) Law College have also been established.
- 1500 new teaching posts were created last year. Out of this, 920 posts have already been distributed to different colleges.
- College Service Commission has recommended 638 candidates for appointment as teachers and 90 candidates for appointment as Principals. 2820 vacancies have also been declared for teachers (including Training College Teachers) and Librarians.
- 249 colleges including 11 B.Ed./B.P.Ed. departments have been accredited so far by NAAC.

## **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. 10,000/- @ Rs.8000/-, Rs 7,000/- per month, depending on the tenure of assignment. An amount of Rs. 33,38,47,563/- has been Sanctioned during 2009-10 financial year towards payment of 5227 nos. of part time teachers as remuneration.

- **Sanction of Additional post of teachers for the Colleges**

During the year, 1500 teaching posts in non-Govt. colleges and 281 teaching posts in Govt. colleges have been created in addition 17 posts of Professor has been created especially for the Presidency College.

275 colleges have submitted their performance statement till date towards Assessment of their progress under incentive scheme for government aided general degree colleges (SLAC). Under this scheme, the State Government has released a grant of Rs.162,550,000 lakh to 185 colleges already assessed.

## **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***

**PROFESSIONAL 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	Music Science	Art	Total
Bankura	6	2	1	–	–	9
Burdwan	12(1 G)	–	4	1	1	18
Birbhum	5	1	1	–	–	7
Purulia	4	–	–	–	–	4
Calcutta	13 (2 G)	3(1G)	4	1	1 (1G)	22
Coochbehar	2	1	–	–	–	3
Darjeeling	3	–	2	–	–	5
Hooghly	5 (2 G)	1 (1 G)	1	–	–	7
Howrah	7	–	–	–	–	7
Jalpaiguri	3	2	1	–	–	6
Malda	4 (1 G)	1	–	–	–	5
Midnapore East	12	2	1	–	–	15
Midnapore West	6	2	1	–	1	10
Murshidabad	9	3	2	–	–	14
Nadia	6	1	2	–	–	9
North Dinajpur	2	–	–	–	–	2
South Dinajpur	2	–	1	–	–	3
North 24-Parganas	9 (1 G)	1 (1 G)	1	–	1	12
South 24-Parganas	7	–	4	–	–	11
<b>TOTAL</b>	<b>117</b>	<b>20</b>	<b>26</b>	<b>2</b>	<b>4</b>	<b>169</b>

**G - Indicates Govt. College**

## PROFESSIONAL COURSES

### 8.1 TEACHERS' TRAINING

#### Secondary Teacher Education Programme in West Bengal :

The total number of teacher education (B.Ed.) institutions is 117 in this state as up to March 2009.  
[List is furnished below]

In these Training Colleges there are :

- i) Seven (7) Govt. Training Colleges
- ii) Eighteen (18) Non- Govt. Aided Colleges,
- iii) Six (6) University B,Ed,Department,
- iv) Fifteen (15) B.Ed.Department in General Degree Colleges
- v) Seventy-one (71) Self-financing Colleges

At present 95% of the Teacher Education Institutions/ colleges are recognized by the National Council for Teacher Education (NCTE). In the achievement, the responsibility of compensatory money was born by the The Govt. of West Bengal.

However, with this status in almost all the Teacher Education Colleges 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, Hooghly

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.

## CHAPTER - 8

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. The DHTC is also conducting Master of Philosophy (M.Phil.) in Education in Distance Mode under Netaji Subhash Open University.

The Teachers' Training Colleges fall into categories : (a) B.Ed Colleges and (b) physical Education Colleges.

### LIST OF SECONDARY TEACHERS' TRAINING COLLEGES IN WEST BENGAL WITH THEIR AFFILIATING UNIVERSITIES AND NCTE STATUS

<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, Kolkata –700 019 Ph. 2486-4848	Calcutta	B. Ed., M.Ed., IASE, & M. Phil in Dist.
2.	Institute of Education for Women, Hastings House, Alipore, Kolkata –700 027. Ph. 2479-7034	Calcutta	B. Ed., M.Ed. CTE, M.Phil. Proposed
3.	Government Training College, Hooghly, P.O.& Dist. Hooghly, Pin-712103 Ph. 2680-2085	Burdwan	B. Ed. Up graded to CTE
4.	Institute of Education for Women,(P. G.), Chandernagore, Khalishani, Dist. Hooghly., Pin-712138, Ph. 2680-6040	Burdwan	B. Ed.
5.	Government Teachers' Training College, P.O. & Dist-Malda., Pin-732101, Ph. (03512) 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

## PROFESSIONAL COURSES

7.	Government College of Education, Kazirhat, 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, 27, Gandhi Road, Darjeeling, Pin-734101, Ph. (0354) 2257135	North Bengal	B. Ed.
3.	Sevayatan Shiksha Mahavidyalaya Vill. - Jhargram, P.O. Sevayatan, Dist – Medinipur (West). Pin-721507	Vidyasagar	B. Ed.
4.	R. K. M. Sikshan Mandir, B.Ed. College, P.O. Belurmath, Dist – Howrah. Pin-711202 Ph. 2654-4412, NAAC Accredited “A”	Calcutta	B. Ed.
5.	Sponsored Teachers Training College, Deshbandhu Road 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. Simurali, Dist-Nadia, Pin-741 248, Ph. (03473) 225035	Kalyani	B. Ed.
9.	Sri 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 Medinipur, Pin-721101 Ph. (03222) 275-479	Vidyasagar	B. Ed.

## CHAPTER - 8

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,Prafullanagar, 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. Narayanpur, 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.
<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.

## PROFESSIONAL COURSES

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.
<b>B.ED. DEPARTMENT IN GENERAL DEGREE COLLEGE</b>			
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. (03228) 252222	Vidyasagar	B.Ed. Dept.

**CHAPTER - 8**

11.	P. K.College, P.O.-Contai, Dist-Midnapore.*	Vidyasagar	B.Ed. Dept.
12.	Tamralipta Mahavidyalaya, P.O.—Tamluk,Dist—Midnapore,Pin-721636, Ph. (03228) 266054	Vidyasagar	B.Ed. Dept.
13.	Katwa College, P.O. –Katwa, Dist-Burdwan, Pin- 713 130	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.ED. COLLEGES (SELF-FINANCING).**

SI.No.	Name of the Secondary Teachers' Training College	Affiliating University	Course Conducted
1.	Mohananda College, Rajbandh, Durgapur, Pin-713201 Ph. (0342) 2555428	Burdwan	B.Ed.
2.	Institute of Education, Haldia, Hatiberia; ICARE Complex, Purba Medinipur	Vidyasagar	B.Ed.
3.	Athena B.E.College, Vill-Churamonipur, P.O.-Sonamukhi,Dist. Bankura, PIN-722207. Ph. (03211)- 244228	Burdwan	B.Ed.
4.	Santiniketan Bonaid B. Ed. Training College, Rabindra Pally,Santiniketan, Birbhum Pin- 731235 Ph.(03463)264031	Burdwan	B.Ed.
5.	Coochbehar B. Ed. College, Vill. Tangonmari (Rajarhat), Pin- 736165, Coochbehar Ph.( 03582) 241490, Secy : (M) 9434704028	North Bengal	B.Ed.
6.	Gangarampur B. Ed. College, P.O- Kaldighi, (Gangarampur), P.S.Gangarampur, Pin- 733124, Dakshin Dinajpur	North Bengal	B.Ed.
7.	Prabharani B. Ed. College, Berhampore 2, No.Banjetia, Berhampore, Murshidabad, WB-742101.	Kalyani	B.Ed.

## PROFESSIONAL COURSES

8.	Balurghat B. Ed. College, Mongalpur, P.O. Balurghat. Dist. Dakshin Dinajpur; Pin- 733101 Ph.(03522)-259179	North Bengal	B.Ed.
9.	Falakata B.Ed. College, Muktipara, Falakata-735211 Jalpaiguri, Ph. (03563) 261987	North Bengal	B.Ed.
10.	Malda Satish B.E. College, P.O. Maliha, Malda, Pin-732102. Ph. (03512)278863 Secy : (M) 9434000470	North Bengal	B.Ed.
11.	Saltora B.Ed. College, P.O. Saltora, Bankura, Ph. (03241) 273231	Burdwan	B.Ed.
12.	Swarajnagar Teachers' Training College, Bankura, PO.-Khatra sub division, Dist. Bankura, Pin-722146	Burdwan	B.Ed.
13.	Eastern Dooars B.Ed. Training College, Dakshinayan, P.O. Bhatibari (Alipur Duar). Pin- 736121. Jalpaiguri Ph.(03564) 222413	North Bengal	B.Ed.
14.	Sammelani Teachers' Training College, 4, Santoshpur Avenue, E.M. Bye Pass, Kolkata- 700 075 Ph. 2562 7656	Calcutta	B.Ed.
15.	Vivekananda Teachers' Training College, Vill. Chandipur,P.O-Kazigram,Malda Pin= 732103, Ph. (03512) 296779	North Bengal	B.Ed.
16.	Kabi Sukanta Secondary Teachers' Training Institute, P.O.Reapara, P.S.. Nandigram, Dist. Purba Medinipur, Pin- 721650	Vidyasagar	B.Ed.
17.	Krishnagar B.Ed. College, 56, Ramsey Road, Chasapara,Krishnanagar, Nadia Ph. (03472) 654583	Kalyani	B.Ed.
18.	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.
19.	Maulana Abul Kalam Azad Teachers' Training College, Vill-Bagbari, P.O- Itahar, Dist. Uttar Dinajpur Ph.(03523)-277938	North Bengal	B.Ed.



**CHAPTER - 8**

20.	Jagadish Chandra Basu Sikshak Sikshan Mahavidyalaya, 113/1, Garfa Main Road, Kolkata- 700 075 (South 24-Pargs)	Calcutta	B.Ed.
21.	Galsi Rabindra Nazrul College of Education, Galsi, Burdwan Ph.(0342)3293574	Burdwan	B.Ed.
22.	Jalangi B.Ed. College, Dumkal, Vill. Narasinghapur, P.O. Sagarpara, P.S. Jalangi, Pin-742306 Murshidabad Ph. (03481) 250307	Kalyani	B.Ed.
23.	Bijoy Pal Memorial B.Ed. College, Burnpur, Burdwan, Ph.(0341) 6459895	Burdwan	B.Ed.
24.	Raidighi B.Ed. College, South 24-Pargs.	Calcutta	B.Ed.
25.	Dr. B.R. Ambedkar College, Vill. & P.O. Malighati, P.S.Debra, Pin.-721211, Paschim Medinipur	Vidyasagar	B.Ed.
26.	Pandit Raghunath Murmu Teachers' Training College, P.O. Palsanda More, Pin-742184, Murshidabad	Kalyani	B.Ed.
27.	Manbhum Institute of Education & Social Science, Dulmi P.O-Manbazar, Purulia, Pin-723 131. Ph. (03253) 255632	Burdwan	B.Ed.
28.	Kolkata Teachers' Training College, Panpur, P.O. Narayanpur, North 24-Parganas, Pin- 743126.	Calcutta	B.Ed.
29.	Ratulia Secondary Teachers' Training Institute,* Panskura,P.O. Naranda, Dist. Purba Medinipur, Pin-721139	Vidyasagar	B.Ed.
30.	Shyamaprasad College of Education & Training, 5/B.R. Dasgupta Road, Alipore, Kolkata-700 026, South 24-Prgs	Calcutta	B.Ed.
31.	Basantapur Education College, P.O. Basantapur, P.S. Dumkal, Pin- 72406 Murshidabad, Ph. (03481) 231201	Kalyani	B.Ed.
32.	Aurangadabad B.Ed. Training College P.O. Aurangabad, Pin-742201	Kalyani	B.Ed.
33.	EI Bethel College for B.Ed, P.O. Rasapunja, P.S. Bishnupur, Kolkata- 700104, South 24-Prgs	Calcutta	B.Ed.

## PROFESSIONAL COURSES

34.	ABS Academy, J.P. Avenue; Sagarbhanga, Burdwan; Pin-713211 in 2008-2009	Burdwan	B.Ed.
35.	Deben Mahato Teachers' Trg. Institute; Paharigora, P.O. Deoli, P.S- Santaldi, Pin- 723146	Burdwan	B.Ed.
36.	Subhash Chandra Bosu B.Ed. Training College, Vill. Jararnagar, P.O. Heria, Dist.Purba Medinipur, Pin. 721430.	Vidyasagar	B.Ed.
37.	Vivek Jyoti College; VIII- Mechagram, Vill-Mechagram, P.O.-Uttar Mechagram,P.O.-Panskura, Pin- 721139	Vidyasagar	B.Ed.
38.	Bengal College of Teacher Education, Vill-Dhurabilqa, Dhamkuria, Chandrakona Town Paschim Medinipur,	Vidyasagar	B.Ed.
39.	Tara Sankar Bandopadhyay B.Ed. Institution, Ahmedpur, P.O. Kuchighata, Pin.-731201, Ph.(0343)231232	Burdwan	B.Ed.
40.	Rabindra Nazrul Smriti B.Ed. Educational Institute, Hetampur, Birbhum- 731124, Ph. 9434195611	Burdwan	B.Ed.
41.	Madhyamgram B.Ed. College, 20/3/A Nadibhag, Madhyamgram, Badu Road, Kolkata- 700128 (in 2008-2009)	Calcutta	B.Ed.
42.	Parameswar Mahavidyalaya (B.Ed.), Vill. & P.O.-Namkhana, Block- Namkhana, Dist. South 24 Parganas, Subdivision Kakdwip, Pin-743357.	Calcutta	B.Ed.
43.	Bankura College of Education, Katjuridanga, Purulia Main Road, Bankura, Ph. 9434250641	Burdwan	B.Ed.
44.	Gangadharpur Sikshan Mandir, Vill. & P.O. Gangadharpur,P.S. Panchla, Howrah, Pin-711 302	Calcutta	B.Ed.
45.	Surendralal Das Teachers' Training College, Vill & P.O. Ananda Nagar, P.S. Bally, Pin-711227	Calcutta	B.Ed.
46.	Sammelani Teachers' Training College, Santoshpur	Calcutta	B.Ed.
47.	Sundarban Asuthosh B.Ed. College for Women, Kakdwip	Calcutta	B.Ed.
48.	Uttaran College of Education, Sabrapone	Burdwan	B.Ed.

## CHAPTER - 8

49.	Mahula Sri Ramkrishna Teachers' Trg. Inst, PO & Vill Kanchi, Rampurhat	Burdwan	B.Ed.
50.	B.Ed. College , Asansol	Burdwan	B.Ed.
51.	Vidyapati Bachelor of Edn. College, Rahamatnagar, Asansol, PO Burnpur- 713 325	Burdwan	B.Ed.
52.	Vidyasagar Teachers' Training College.	Burdwan	B.Ed.
53.	Vidyasagar College of Education, Phansidewa	Darjeeling	B.Ed.
54.	Pandua College of Education	Burdwan	B.Ed.
55.	Kharmargachi B.Ed. College	Calcutta	B.Ed.
56.	Vivekananda R.K.Mission B.Ed.College.	Calcutta	B.Ed.
57.	Komala Devi Sohanraj Singhvi Jain College of Education	Calcutta	B.Ed.
58.	Holy Child B.Ed. College, Malda	GBU	B.Ed
59.	Malda Satish B.Ed. College, Secy : 9434000470	GBU	B.Ed.
60.	Pandit Raghunath Murmu Teachers' Trg. College, Paschim Medinipur	Vidyasagar	B.Ed.
61.	Medinipur B.Ed. College, Purba Medinipur	Vidyasagar	B.Ed.
62.	VTIPES's Kadambini Women's College of Education, Purba Medinipur	Vidyasagar	B.Ed.
63.	Purba Medinipur B.Ed. College, Vill& PO: Chaitanyapur, PS : Sutahata, 721 645	Vidyasagar	B.Ed.
64.	Jakir Hossain B.Ed. College, Vill Srikanta Bati, PO Raghunathganj- 742 225, Murshidabad	Kalyani	B.Ed.
65.	Sagardighi Teacher's Trg. College, Vill & PO. Morigram Murshidabad, Pin- 742 237	Kalyani	B.Ed.
66.	Chaitanya College of Education, Nadia	Kalyani	B.Ed.
67.	JRSET College of Education, Panchpota, Nadia	Kalyani	B.Ed.
68.	Renuka Debi B.Ed. College, Palashi Road	Kalyani	B.Ed.
69.	Vidyasagar Foundation School of Edun & Trg. Shimulia, Purulia	Burdwan	B.Ed.
70.	Deben Mahato Teachers' Trg. Institute; Paharigora, Purulia	Burdwan	B.Ed
71.	Hope Institute of Bengal, Howrah	Calcutta	B. Ed

## PROFESSIONAL COURSES

### 8.2 PHYSICAL EDUCATION

A list of institutions providing undr-graduate and post- graduate education in physical education are given below.

#### A. GOVERNMENT PHYSICAL EDUCATION COLLEGES

Sl. No.	College No.	Telephone	Affiliating University	District	Course Offered	N.C.T.E. Status	Intake Capacity
1.	Post-Graduate Govt Institute for Physical Education, Banipur North 24 Parganas	(033) 237032	W.B.S. Univ Barasat	North 24pgs.	B.P.Ed (Co-ed) M.P.Ed. (Co-ed) M.P.Ed. (Co-ed.)	Recognised	120 60 15
2.	State Institute Physical of Education For Women, Hastings House, Alipore, Kolkata,	(033)-2479-6824	Calcutta	Kolkata	B.P.Ed. (Co-ed.) (Women) M.P.Ed. (Co-ed.) (Women)	"	50 60
3.	Government Physical Education College for Women, Hooghly.	(033)-2683-083	Burdwan	Hooghly	B.P.Ed. (Women)	"	50
4.	Government College of Physical Education for Women, Dinhata, Coochbehar.	(03581)-255154	North Bengal	Cooch-Bihar	B.P.Ed. (Women)	"	50

**UNIVERSITY DEPARTMENTS (State University/Central University)**

Sl. No.	College No.	Telephone	Affiliating University	District	Course Offered	N.C.T.E. Status	Intake Capacity
1.	Department of Physical Education Kalyani University, Kalyani, Nadia	(033)-25828750	Kalyani	Nadia	M.P.Ed. (Co-ed.) B.P.Ed. (Co-ed)	Recognised	50 60
2.	Department of Physical Education Jadavpur University, Jadavpur	(033)-24136786	Jadavpur	Jadavpur Kolkata	B.P.Ed. (Co-ed)	"	50
3.	Department of Physical Education Viswabharati University, Santiniketan	(03463)264005	Viswabharati	Birbhum	B.P.Ed. (Co-ed) M.P.Ed. (Co-ed.)	"	50 50

**B. NON-GOVERNMENT COLLEGES WITH PHYSICAL EDUCATION DEPARTMENT**

1.	Nikhil Banga Sikshan Mahavidyalaya, Bishnupur, Bankura (under pay packet scheme)	(03324)-2050924	Burdwan (P.P.S)	Burdwan	B. P. Ed. (Men)	"	50
2.	Union Christian Training College, Berhampore, Murshidabad (under pay packet scheme)	(03482)-250254	Kalyani (P.P.S)	Murshidabad	B. P. Ed. (Men)	"	50

## PROFESSIONAL COURSES

### UNIVERSITY DEPARTMENTS (State University/Central University)

Sl. No.	College No.	Telephone	Affiliating University	District	Course Offered	N.C.T.E. Status	Intake Capacity
3.	Seva Bharati, Mahavidyalaya Kaggari, West Midnapur (under pay packet scheme).	(03226)-263295	Vidyasagar (P.P.S)	Paschim Midnapur	B. P. Ed. (Co-Ed)	Recognised	50
4.	Panskura Banamali College (Purba Midnapur) (Self financing scheme).	(03228) 252222	Vidyasagar (S.F)	(Purba Midnapur)	B. P. Ed. (Men)	"	50
5.	Mugberia Gangadhai Mahavidyalaya, Bhupatinagar, Purba Midnapur (Self financing scheme)	(03220) 270236	Vidyasagar (S.F)	(Purba Midnapur)	B. P. Ed. (Co-Ed)	"	50
6.	Ananda Chandra College, Jalpaiguri, (Self financing scheme)*	(03561)-255294 College, North	North Bengal (S.F)	Jalpaiguri,	B. P. Ed. (Men)	"	50
7.	Garbeta College, West Midnapur (Self financing scheme)	(03227)-265143	Vidyasagar (S.F)	Paschim Medinipur	B. P. Ed. (Men)	"	50
8.	J.C. Bose Sikshan Sikshika Mahavidyalaya, Garfa, Kolkata (Self Financing)	(033)-2418-5325 2418-5326	Calcutta (S.F)	Kolkata	B. P. Ed. (Co-ed)	"	50
9.	Sunil Dhar Memorial B.P. Ed. College, Panchtupi, Murshidabad (Self Financing)	(0348)-4271882	Kalyani (S.F)	Murshidabad	B. P. Ed. (Co-Ed.)	"	50

## CHAPTER - 8

Sl. No.	College No.	Telephone	Affiliating University	District	Course Offered	N.C.T.E. Status	Intake Capacity
10.	Prabharani B.P.Ed. College, Beharampur, Murshidabad.	(0348)-3270002	Kalyani (S.F)	Murshidabad	B. P. Ed. (Co-Ed.)	"	50
11.	Dept. of Physical Education, Bankura Christian College	(03244)-252001	Bankura (S. F.)	Bankura	B. P. Ed. (Co-Ed.)	Recognised	50
12.	Model College, Jalpaiguri.	(03561) –645294	N. B. U. (S. F.)	Jalpaiguri	B.P.Ed. (Co-Ed)	„	50
13.	Uttar Banga B.P.Ed,College. Malda	(03512) –311839	Gour Banga (S. F.)	Malda	B.P.Ed. (Co-Ed)	„	50

### COLLEGES OFFERING PHYSICAL EDUCATION AS AN ELECTIVE SUBJECT

Sl. No.	Name of the College	District	Affiliating University
1.	A. P. C. College, New Barrackpore	North 24 parganas	W.B.State Univ.
2.	Aghorekamini Prakash Chandra mahavidyalaya	Hooghly	Burdwan
3.	Ananda Chandra College, Jalpqaiguri	Jalpaiguri	North Bengal
4.	Asannagar M.M.T.College	Nadia	Kalyani
5.	B. B. College, Asansol	Burdwan	Burdwan
6.	B. N. Dutta Smriti Mahavidyalaya	Burdwan	Burdwan
7.	B.R. Ambedkar College, Betai	Nadia	Kalyani
8.	Bajkul Milani Mahavidyalaya, Bajkul	Purba Midnapore	Vidyasagar
9.	Banipur Mahila Mahavidyalaya	North 24 Parganas	W.B.State.Univ.
10.	Belda College, Belda	Paschim Midnapore	Vidyasagar
11.	Berhampur Girls' College	Murshidabad	Kalyani
12.	Bhairab Ganguli College	Kolkata	Calcutta

## PROFESSIONAL COURSES

Sl. No.	College	District	Affiliating University
13.	Chandrakona Vidyasagar Mahavidyalaya, Chandrakona	Paschim Midnapore	Vidyasagar
14.	Chandrapur College	Burdwan	Burdwan
15.	Chapra Bangaljee Mahavidyalaya	Nadia	Kalyani
16.	Chatra Ramai Pandit Mahavidyalaya	Burdwan	Burdwan
17.	Contai P. K. College	Purba Medinipur	Vidyasagar
18.	Cooch Behar College, Cooch Behar	Cooch Behar	North Bengal
19.	Dhrubachand Halder College	South 24 Parganas	Calcutta
20.	Dr. Meghnad Saha College, Itahar	Uttar Dinajpur	Gour Banga
21.	Dukhulal Nabaran Chandra College	Murshidabad	Kalyani
22.	Durgapur Govt. College	Burdwan	Burdwan
23.	Fakir Chand College	South 24 Parganas	Calcutta
24.	Falakata College	Jalpaiguri	North Bengal
25.	Garhbeta College	Paschim Medinipur	Vidyasagar
26.	Guskura Mahavidyalaya, Guskura	Burdwan	Burdwan
27.	Haldia Government College	Purba Medinipur	Vidyasagar
28.	Indus Mahavidyalaya	Bankura	Burdwan
29.	Jhargram Raj College	Paschim Medinipur	Vidyasagar
30.	Joypur P. Roy College	Howrah	Calcutta
31.	Kabi Nazrul College	Birbhum	Burdwan
32.	Kalyani Mahavidyalaya	Nadia	Kalyani
33.	Kandi Raj College	Murshidabad	Kalyani
34.	Kandra Radhakanta Kundu Mahavidyalaya	Burdwan	Burdwan
35.	Khejuri College	Purba Medinipur	Vidyasagar
36.	Kharagpur College	-Do -	Vidyasagar
37.	Khatra Adibasi Mahavidyalaya, Khatra	Bankura	Burdwan
38.	Kidderpore College	Kolkata	Calcutta



## CHAPTER - 8

39.	Maharajadhiraj Uday Chand Women's College	Burdwan	Burdwan
40.	Mahatma Gandhi College	Purulia	Burdwan
41.	Mahishadal Girls' College, Mahishadal	Purba Medinipur	Vidyasagar
42.	Memari College	Burdwan	Burdwan
43.	Medinipur College	Paschim Medinipur	Vidyasagar
44.	Mugberia Gangadhar Mahavidyalaya	Purba Medinipur	Vidyasagar
45.	Nagar College	Murshidabad	Kalyani
46.	Nahata Jogendranath Mondal Smriti Mahavidyalaya	24-Parganas(N)	W.B.State Univ.
47.	Narazole Raj College	Paschim Medinipur	Vidyasagar
48.	Netaji Satabarshiki Mahavidyalaya	North 24 Parganas	W.B.State Univ.
49.	P. N. Das College	North 24 Parganas	W.B.State Univ.
50.	Panskura Banamali College	Purba Medinipur	Vidyasagar
51.	Pingla Thana Mahavidyalaya	Paschim Medinipur	Vidyasagar
52.	Prabhu Jagat Bandhu College, Jhorhat	Howrah	Calcutta
53.	Prof. Syed Nurul Hasan College	Murshidabad	Kalyani
54.	Rabindra Mahavidyalaya, Chapadanga	Hooghly	Burdwan
55.	Raiganj Surendranath Mahavidyalaya	N. Dinajpur	Gour Banga
56.	Raja Birendra Chandra College	Nadia	Kalyani
57.	Raja Rammohan Roy Mahavidyalaya, Radhanagar	Hooghly	Burdwan
58.	Ramananda Centenary College	Purulia	Burdwan
59.	Ramsaday College	Howrah	Calcutta
60.	Rani Dhanya Kumari College, Jiaganj	Murshidabad	Kalyani
61.	Sabang Sajani Kanta Mahavidyalaya	Pachim Medinipur	Vidyasagar
62.	Saheed Anurup Chandra Mahavidyalaya	24-Parganas (S)	Calcutta
63.	Saltora Netaji Centenary College	Bankura	Burdwan
64.	Santipur College	Nadia	Kalyani

## PROFESSIONAL COURSES

65.	Sarat Centenary College	Hooghly	Burdwan
66.	Scottish Church College, Kolkata	Kolkata	Calcutta
67.	Seva Bharati Mahavidyalaya	Pachim Medinipur	Vidyasagar
68.	Shyam Sundar College	Burdwan	Burdwan
69.	Siliguri College	Darjeeling	North Bengal
70.	Srikrishna College, Bagula	Nadia	Kalyani
71.	Sudhiranjan Lahiri Mahavidyalaya	Nadia	Kalyani
72.	Sukanta Mahavidyalaya, Dhupguri	Jalpaiguri	North Bengal
73.	Sushil Kar College	24-Parganas(S)	Calcutta
74.	Tamralipta Mahavidyalaya, Tamluk	Purba Medinipur	Vidyasagar
75.	Tarakeswar Degree College	Hooghly	Burdwan
76.	Vijoygarh Jyotish Roy College	Kolkata	Calcutta
77.	Vivekananda Mahavidyalaya, Haripal	Hooghly	Burdwan
78.	Vivekananda Mission Mahavidyalaya	Paschim Medinipur	Vidyasagar

### Highlights of the achievement of Physical Education during 2009-2010

1. Like previous year, the Govt. have sanctioned fund for Organizing the following events for promotion of games and sports during the year 2009-10.
  - a) XXI-Inter Govt. College Sports Competitions held on and from 3<sup>rd</sup> January to 10<sup>th</sup> January, 2010 at Yuba Bharati Krirangan and S.A.I. Complex, Salt Lake, Kol.
  - b) XI-Inter Non Govt. College District and State level Athletic Meet and Football Championship, 2010 held at Yuba Bharati Krirangan and S.A.I. Complex, Salt Lake.
  - c) XXI-Inter Physical Education Institutes Cultural Meet and Athletic Championship held at Phy. Edn. Department, Mugberia, West Midnapore.
  - d) 1<sup>st</sup> Inter Govt. Physical Education College Basket ball Championship for Women, 2010 held at S.I.P.E.W., Hastings House, Alipore as a part of Physical Education week for Women.
  - e) National Conference on "Modern Trends in Physical Education and Sports Sciences" were held at Post Graduate Govt. Institute for Physical Education, Banipur on 19<sup>th</sup> & 20<sup>th</sup> March, 2010.

- f) Celebration of Physical Education Week at State Institute of Physical Education for Women, Hastings House, Alipore and “State Level Workshop on Physical Education and Sports” were organized.
- 2. Development grants for purchase of Books, Equipments, Laboratory equipments etc. for all the Govt. Physical Education institutes for B.P.Ed. and M.P.Ed. course were sanctioned.
- 3) Funds have been placed for construction of Swimming pool and development of play Facilities at Banipur.
- 4) Funds have been placed for construction of new campus for Govt. College of Physical Education, Hooghly.
- 5) Funds have been placed for construction of Multipurpose hall, Basket ball Court, Administrative building etc. for Govt. College of Physical Education, Dinhat.
- 6) Funds have been placed for development of infrastructural facilities for N.A.A.C. preparation to Banipur and Hastings House Phy. Edn. College.
- 7) Funds have been placed to “Bengal Brotochari Samity and Manimala Mahakendra” Kolkata for encouraging Physical Education, Health and Sports activities for Children.
- 8) One post of Professor and two Lecturers in Physical Education for M.P.Ed. Streams were created for Hastings House, Alipore.

### 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.

## PROFESSIONAL COURSES

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>						
College	Intake					Duration
	M.	F.	S.C.	S.T.	TOTAL	
(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>				
Sl. No.	Institutions	Affiliating University	Intake	Remarks
1.	Burdwan University Law Deptt.	-	80	University Law Deptt.
2.	Hooghly Mohsin College	Burdwan University	80	Afternoon classes
3.	Haldia Law College	Vidyasagar University	80	Self financing

**CHAPTER - 8**

<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. : 2275-1766/5801	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
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	"

## PROFESSIONAL COURSES

11.	Balurghat Law College, Balurghat	North Bengal University	80	"
12.	Midnapore Law College, Midnapore West	Vidyasagar 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.	Bimal 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	"
20.	Bankura Samhati Law Collge, Natunchari	Burdwan University	80	Self-financing
21.	J.R.S.E.T. College of Law, Chakdah	Kalyani University	80	Self-financing
22.	Indian Inst. of Legal Studies, Matigara, Darjeeling	North Bengal University	80	Self- financing
23.	Jyotirmoy School of Law, Kalikapur, South 24-Parganas	Calcutta University	80	Self -financing

## 8.4 COMPUTER AND IT RELATED PROGRAMME 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.

## PROFESSIONAL COURSES

### 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 institute are College of Art & Design, Krishnasayer, Burdwan and Medinipur Art College (4yr BVA), Medinipur Paschim.

#### 8.5.1 GOVERNMENT COLLEGE OF ART AND CRAFT

28, Jawharlal 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. 466-2692

(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.

## PROFESSIONAL COURSES

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.

## 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			✓											

'✓' indicates the course available in the centre.

## PROFESSIONAL COURSES

	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.		✓												✓

‘✓’ indicates the course available in the centre.

## 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 *West Bengal District Gazetteers*
- 9.7 *West Bengal State Archives*
- 9.8 *West Bengal State Book Board*
- 9.9 *West Bengal State Council of Higher Education*
- 9.10 *West Bengal College Service Commission (WBCSC)*
- 9.11 *Day Students' Homes*

**ACADEMIES AND ORGANISATIONS**

## CHAPTER – 9

### ACTIVITIES OF WINGS OF THE GOVERNMENT, ACADEMIES AND INSTITUTES / ORGANISATIONS

#### 9.1 INSTITUT DE CHANDERNAGOR

Strand Road, Chandannagar, Hooghly, Phone-(003) 2683-9661

The Indo – French Cultural Centre and Museum (Institut de Chandernagor) is a centre for Promotion of Culture and Education of two countries, India and France. The museum was established at the Former French Governor's Residency, Dupleix Place at Chandernagor in 1952 by the Government of India, Department of External Affairs to honour the Article no. IX of the Treaty of Cession between India and France. The museum was then taken over by the State Government. The Higher Education Department added two wings Library and French Language study Centre since 13<sup>th</sup> January, 1966.

#### **Objectives:**

The activities of the Indo – French Cultural centre and Museum are to fulfill its three objectives : 1) Proper preservance of the history, archives and heritage of two countries, 2) Promotion of culture and research,3) Promotion of French Language study as a foreign language for the benefit of the young generation.

#### **ACTIVITIES DURING THE YEAR :**

60<sup>th</sup> anniversary of merger of Chandernagore with Indian Union was observed 5<sup>th</sup> to 8<sup>th</sup> February 2010 .

In this connection, a Seminar was organised at Institute where eminent Historian and Scholar. Ex. Prof. Sailendra Nath Sen and Ex. Prof. Anniruddha Ray delivered lecture on the History of Chandernagore, Colonial History and Freedom struggle of India.

#### **Different Cultural competitions were held during the festival period**

1. Quiz (School students of Chandernagor)
2. Native boating competition (By the Fishery community of Chandernagore)

## ACADEMIES AND ORGANISATIONS

3. Sit & Draw Competition
4. Every evening open air cultural programmes were held at Rashbehari Mancha,
5. Different exhibitions were held during the festival period at Institute Campus.
  - a) Archival document on Merger of Chandernagore by the Institute.
  - b) 100 years Getanjali - Rabindranath Tagore organized by Information and Cultural Affairs, Govt. of West Bengal.
  - c) Works and Life of Jagadish Chandra Bose organized by Bose Institute.
6. On the Closing day, prizes and Mementos were distributed among the winners.

### Coordination committee for improvement of French Language teaching

A Coordination Committee was formed for Improvement of French Language teaching under the chairmanship of the Principal Secretary Higher Education Department.

**Museum :** Open : - 11 a.m. to 6 p.m. (March to November)  
11 a.m. to 5.30 p.m. (December to February)

Museum helps people to gain a respective knowledge about French and others colonial history, Freedom Struggle of India, Folk Art, Art and Crafts, Manuscripts, Coin, Textile, Early and Medieval terracotta, Cire perdue casting (metal casting) and Antic French Furniture etc. which have been displayed in the several galleries.

For the spread of knowledge in respect of the colonial history of Bengal, a gallery of European settlement in Bengal, 17<sup>th</sup> Century was reoriented with different dioramas (Fort of Orleans at Chandernagore (1696 – 1757), Port of Saptagram (16th century), Topological landscape of River Saraswati, Hooghly – depicted European settlement), different category of venial printing of photographs and antiquities. There are displays the history of **a) Royal port of Saptagram and Prosperous Bengal, b) Portuguese trade and Settlement, c) History of British East India Company (established 1600), d) History of Dutch East India Company (1602), e) Danish East India Company (1616), f) French East India Company (1664).**

### Visitors:

Visitors record book is maintained for security point of view. In the year, 2009 approx 35 schools (Kolkata and South 24 Pgs, Hooghly & Howrah) visited with their students as an educational tour programme. Institute arranged guide service for broad information on colonial history and History of Chandernagore to the students. Assam Bengal Navigation Co. and Vivada Inland Waterways Limited arranged to visit of Foreigners .



## CHAPTER - 9

The Museum organized two temporary exhibitions on Second World War and Indian Freedom struggle and national integration to observe the date of Independence and Republic.

### **Library :**

Officially the library was established on 13<sup>th</sup> January, 1966 by the Higher Education Department, Government of West Bengal. The library has a total collection of books of about 18000 (eighteen thousand) in three languages, 6300 in French, 5800 in English and the rest Bengali. The collection in French language is very rich, especially the part donated by the French Government, which consists of works of French Authors-a series of publications from 16<sup>th</sup> to 20<sup>th</sup> centuries, Corneille, Racine, Ronsard, Molière, Rousseau, Emile Zola , Gerard de Nerval, Balzac, Andre Gide, Albert Camus, Lamartine, Madame de Sevigne, Gustave Flaubert, Montaigne, Mousset, Marcel Proust, Spinoza, Tolstoi, Sainte Beuve, Victor Hugo, Voltaire, Saint Simon, Plutarque, Paul Claudel, P. L. Courier, Baudelaire, Paul Verlaine, Jacques Prévert and others.

### **Documentation project**

A project has been taken to digital preservation of archival documents and rare books for the facilities of research.

### **French Language Study**

In 1966, the Higher Education Department, Government of West Bengal, introduced adult French Language Courses. The courses are comprised of two levels viz. Certificate and Diploma with duration of one (1) year each and comprising of two semesters.

### **Admission criteria**

Minimum eligibility is a pass in Higher Secondary Examination.

### **Fees structure**

Tuition fee is Rs. 65.00 (Rupees sixty five) only per month collected at a time for six (6) months viz. one semester. Admission fee is Rs. 60.00 and Examination fee Rs. 60.00 for the Certificate Course, and Rs. 70.00 for the Diploma Course.

### **Affiliation of Course**

In 1979, the Burdwan University Council has decided that a student who would pass the B.A. Examination and also obtain the French Certificate and Diploma from the Institut de Chandernagor would be treated as having passed the B.A. Examination with French as a combination subject.

## ACADEMIES AND ORGANISATIONS

### Scope of Higher Education

The students who pass the B.A. Examination and also pass the Diploma Part-II Examination from the Institut de Chandernagor can get admitted in the pre-M.A. in French language under Calcutta University.

### STUDENTS STATISTIC : 2009

Certificate Part - I	Certificate Part - II	Diploma Part - I	Diploma Part - II
ENROLLED	ENROLLED	ENROLLED	ENROLLED
87      38	31      22	15      14	12      10

### 9.2 INSTITUTE OF ENGLISH

119, S.P. Mukherjee Road, Kolkata –700 026, Phone (033) 2246-3535.

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. No. 3945 - Edn(D) dt 3.10.1962) in 1963. Since the inception the Institute is effectively handling the task of teacher training in the field of ELT (English Language Teaching) entrusted to it both for in-service teachers and freshers. The Institute provides the teachers of English at the primary and secondary level with necessary knowledge and understanding skills and aptitudes as well as necessary academic support in various forms. The Institute is unique, as it is not affiliated to any University and enjoys full autonomy in framing courses, devising syllabi and conferring Diploma and Certificate. The institute is always in close touch with British Council, USIS, and the English and Foreign Languages University, (Hyderabad), WBBPE, WBBSE and WBCHSE.

## CHAPTER - 9

### Academic programmes at the Institute :

#### Regular Programmes :

Name of the Programme	Seats	Duration	Eligibility
Diploma in English Language Teaching (DELT)	100	4 months	1. Teachers of English at Secondary and Higher Secondary level 2. Graduates with English(Hons) / Vocational /Communicative English
Computer Use in Teaching of English (CUTE)	30	6 weeks	Incorporated into the DELT Course
Improved Communication in English (ICE)	50	3 months	+2 Level and above
Certificate ELT Course (CELT)		3 months**	1. Teachers of English at Secondary and HigherSecondary level 2. Graduates with English(Hons)/ vocational/Communicative English

\* Admission notifications are published in some of the leading English and Bengali Daily Newspapers.

\*\* A three-month Evening Course was designed and advertised during the year 2009-2010. No response was received.

#### Short Programmes/ workshops/Seminars during the academic session 2009-2010

Title	Duration	No. of Participants
Crash ELT Programme for Higher Secondary and Tertiary Level Teachers	3-11 Dec'09	09
UGC sponsored Seminar in collaboration with Charuchandra College, Calcutta	18-19 Jan'10	160
Role of The Institute of English & The Teaching of English in West Bengal	19 Mar 10	34

#### ELT Material Produced :

1. Doorstep Training Manual : a training handbook for Secondary level teachers of English
2. Learning English : A Resource Book and Interactive CD
3. Improved Communication in English : A Resource Book and Interactive CD
4. Active Listening Series I and II : Resource Book and Audio Cassette.

## ACADEMIES AND ORGANISATIONS

### 9.3 WEST BENGAL JOINT ENTRANCE EXAMINATION BOARD

AQ-13/1, Sector-V, Salt Lake City, Kolkata-700 091

Ph. : (033) 2367-1148, Fax : (033) 2367-1198

The West Bengal Joint Entrance Examinations Board was formed as West Bengal Board of Examination for admission to Engineering Degree Colleges in the year 1962, born out of a concept of holding a common admission test for the Engineering Colleges of the State of West Bengal. The basic purpose was to select candidates for consideration for admission to the State Colleges 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 had functioned from 'Slater Hall' in the campus of Bengal Engineering and Science University, Shibpur (erstwhile known as "Bengal Engineering Collage, Shibpur") till January, 2008. From February, 2008 the office of the Board has been functioning at AQ13/1, Sec-V, Salt Lake City, Kolkata-700091.

Following Entrance Examinations are conducted by the Board at present for admission to different professional courses.

**JEM –** Joint Entrance Examination for admission to Engineering Degree Colleges started from 1962 and Technological Degree Colleges from 1971. Presently Govt. Engineering Colleges, Private Engineering Colleges and Universities in West Bengal admit their students for Engineering and Technological courses through Joint Entrance Examination. The admission of all Medical/Dental Colleges in West Bengal is made through Joint Entrance Examination since 1972.

**JECA –** The Joint Entrance Examinations Board started the Joint Entrance Examination for admission to Master of Computer Application Course (MCA) of Bengal Engineering and Science University, Shibpur (erstwhile B. E. College) and Jadavpur University from 1989. Presently, 34 Govt. and Private Engineering Colleges and Universities in West Bengal admit students of MCA Course through Joint Entrance Examination.

**JELET –** The admission under lateral entry scheme to 2nd year of the four years course of Bachelor Degree in Engineering / Technological courses in private and Govt Engineering/ Technological Colleges/Universities in West Bengal has been made through Joint Entrance Examinations Board.

## CHAPTER - 9

**JENPARH** – The following Govt. and Private Colleges are admitting their students in bachelor courses through Joint Entrance Examinations conducted by West Bengal Joint Entrance Examinations Board from the under mentioned years :

Ayurvedacharya	-	1992
Homoeopathy	-	1997
B.Sc.Physiotherapy and Unani	-	1999
B.Sc.(Hons.) Nursing	-	2006

**JEHOM** – West Bengal Joint Entrance Examinations Board also has been conducting the joint Entrance Examination for admission to the Bachelor Degree Course of Hotel Management.

**EVETS** – The Degree Courses of Veterinary Sciences & Animal Husbandary awarded by the West Bengal University of Veterinary Sciences admit their students through Joint Entrance Examination w.e.f. 2004.

**A brief outline of different Entrance Examinations conducted by the Board during the year 2009-10 for admission of students to different professional courses in Universities/Colleges in West Bengal is given below.**

Sl. No.	Name of the Exam.	Name of the Degree Courses	No. of Colleges/ Universities
1	<b>JEM</b>	i) Engineering/Technological (BE/B.Tech)	88
		ii) Medical + Dental (MBBS +BDS)	10 + 5
2		<b>JECA</b> Master of Computer Application (MCA)	34
3	<b>JELET</b>	Engineering / Technology (through Lateral Entry)	75
4.	<b>JEPARH</b>	i) Ayurvedacharyya(BAMS)	2
		ii) Homoeopathy (BHMS)	12
		iii) B.Sc. Physiotherapy	11
		iv) Unani	1
		v) B.Sc (H) Nursing	9
4	<b>JEHOM</b>	Bachelor Degree in Hotel Management	4
	<b>EVETS</b>	Veterinary Sc. & A.H and (B.V.Sc. & A.H)	1

## ACADEMIES AND ORGANISATIONS

### 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](mailto:nias@cal2.vsnl.net.in)

Netaji Institute For Asian Studies was established in 1981 as a social science research institute, sponsored in the Department of Higher Education, Government of West Bengal. A regular maintenance grant from the state government and mobilization of additional resources has enabled NIAS to pursue 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 :

1. Dr. Suranjan Das, Vice-Chancellor, University of Calcutta, who is functioning as the Honorary Director of the Institute.
2. Dr. Mamata Desai is Professor, Department of Ecology and Environment.
3. Professor Apurba Mukhopadhyay is Professor in the department of Political Science and Political Studies.
4. Dr. Salma Sultana currently is a Lecturer in the Department of Ecology and Environment.
5. Dr. Ramkrishna Chattopadhyay is Honorary Fellow of the Institute.

#### II. On-going Research Projects of the Institute :

1. 'Netaji Subhas Chandra Bose and Nation Building in India', coordinated by Girish Maity, and funded by the Department of Higher Education, Government of West Bengal.
2. 'Terrorism in India-conceptually Speaking', coordinated by Professor Apurba Mukhopadhyay and funded by the Department of Higher Education, Government of West Bengal.
3. 'Dynamics of Syncretistic Traditions in Colonial and Post Colonial Bengal', coordinated by Professor Suranjan Das and Dr. Amit Dey and funded by the Department of Higher Education, Government of West Bengal.
4. 'Sacred Groves and Biodiversity conservation Birbhum District, West Bengal', coordinated by Professor Mamata Desai and funded by the Department of Higher Education, Government of West Bengal.
5. 'Broadening the comprehensive security agenda in South Asia: Linking Traditional and Non-Traditional Security', coordinated by Professor Suranjan Das and Dr. Shantanu Chakraborti and sponsored by the Department of Higher Education, Government of West Bengal.

6. 'Review of the Development of Technical Manpower, Matching the Demand of Market Industry, coordinated by Professor Mamata Desai and sponsored by West Bengal Technical Education.

### III. Important Seminars/Workshops organised by the Institute :

1. Seminar on 03.09.2009 on 'Civil Society and Political Change: The South Asian Scenario' in which Professor Surajit Mukhopadhyay and Professor Anjan Ghosh of Centre for Studies and Social Sciences, Kolkata and Professor H. S. Vasudevan, Director, MAKAIAS, Kolkata, spoke.
- 2) An interactive session in collaboration with the Department of History, University of Calcutta, on 'Asian Economic Integration' on 14.09.2009. Dr. Prabir De of Research and Information System for Developing Countries, New Delhi, initiated the discussion.
- 3) Lecture delivered by Professor Harsh V. Pant, on 'India and the Changing Global Balance Power' on 30.10.2009.
- 4) A discussion session in collaboration with the Centre for Social Sciences and Humanities, University of Calcutta, on the launch book on Journey to the Holy Land: A Pilgrim's Diary (translated by Prof. Mushirul Hasan and Rakhshanda Jalil of Jamia Millia Islamia) on 20.11.2009.
- 5) The Annual Sarat Bose Lecture 2009 was delivered by Professor Aswini Ray, New Delhi on 01.12.2009.
- 6) A two-day workshop on 'Man and Ecology in Indian Perspectives' on 8th and 9th January 2010, which was attended amongst others like Prof. Swapan Kumar Pramanik, Vice-Chancellor, Vidyasagar University, Dr. Utthasani, Principal, Mahishadal College, Dr. M. K. Raha, Ex-Joint Director, A.S.I, Prof. Ranjana Ray, Emeritus Fellow, Department of Anthropology, Calcutta University.
- 7) Annual Netaji lecture was delivered on 23rd January 2010 by Professor Bharati Ray, Vice-President, Indian Council of Cultural Relations.
- 8) A seminar on 'Loksabha Elections 2009: Challenges of Continuity or Change' on 11.02.2010 which was addressed by Prof. Sobhan Lal Dattagupta, formerly of the Department of Political Science, University of Calcutta and Prof. Rakhahari Chatterjee, formerly of the Department of Political Science, University of Calcutta.
- 9) Lecture on 'International Studies in India' and International Relations Teaching: Problems and Challenges' on 22.02.2010 by Prof. Muthiah Alagappa, University of Hawaii.
- 10) The Junior Scientists Meet 2010 on 'Disaster Management in West Bengal and Sustainable Management Approaches' on 26.02.2010.

## ACADEMIES AND ORGANISATIONS

- 11) A workshop on 'Geo-Hazards in the Sub-Himalayan North Bengal' on 06.03.2009 in which Prof. S. R. Jog, formerly of University of Pune, delivered the Keynote Address.
- 12) Seminar on 'Climate Change and Coastal West Bengal' on 22.03.2010, which was addressed amongst others by Prof. Sugata Hazra of Jadavpur University and Prof. Pranabesh Sanyal, Jadavpur University.
- 13) Lecture on 'The Tarkhadkar Brothers: Early Rebels Against Every Form of Servitude' on 26.03.2010, was delivered by Prof. J. V. Naik, formerly of Mumbai University, organized jointly with Calcutta Historical Society.

### IV. Recent Important Publications of the Institute

- Chitra Ghosh, Giddhapaharer Basu Bari (Kolkata: 2009)
- Mamata Desai and Salma Sultana, Digha Coastal Zone Natural Hazards and Livelihood Development,(Kolkata, 2009)
- Asian Studies (Institute's biannual journal).
- Suranjan Das and Basudeb Chattopadhyay (ed.), On the Banks of River Hooghly (forthcoming).

### V. 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. The books in Library have also been cataloged, both author-wise and subject-wise.

### VI. 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. Between 1933 and 1935 Sarat Chandra was interned in this house for two years. Netaji himself was interned in this house for seven months in 1936. He again spent a few days in this house in October 1937. In 1996 the Department of Higher Education, Government of West Bengal, initiated the process of acquiring the house. restored and renovated the house and handed it to Netaji Institute For Asian Studies, Kolkata. Under the aegis of Netaji Institute For Asian Studies the historic house was converted into Netaji Museum and Centre For Studies in Himalayan Languages, Society and Culture, which was formally inaugurated on 23 April 2000.

The Hon'ble Chief Minister of West Bengal, laid the foundation-stone of the Guest House of the Centre on 3 November 2001. The Museum has a bust of Subhas Chandra Bose, Sarat Chandra Bose and a picture gallery designed and developed by the Indian Museum, Kolkata.



**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 N.S.S. 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 on the whole are important. NSS activities are multipurpose as well as multidimensional in their nature. 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 dehumanized materialistic civilization has been neglecting human values. And, it is only the NSS activities which can lead young one to become more meaningful and fruitful to the society which is an extended sense encompasses the entire humanity. As NSS has launched the movement of Awareness, Sensitization, Motivation, Dedication, Community 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 like Environment Enrichment and Conservation, Women's Development and Gender Justice, Production orientated programmes, Education and Recreation, Health, Family Welfare 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 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. For last three years, it has gained momentum and NSS in West Bengal is now one of the leading states in its activities and educational programme. All most every degree college have introduced NSS, the Govt. Technological colleges have also started its journey and plan to introduce at Medical Colleges also.

## ACADEMIES AND ORGANISATIONS

Allotment of N.S.S. volunteers for the year 2009-2010 :

Sl. No.	Name of the University/Institution	Allocation of N.S.S. volunteers	
		Regular activities	Special camping
01.	Jadavpur University	3,000	1,500
02.	Burdwan University	22,000	11,000
03.	Viswabharati University	1,200	600
04.	North Bengal University	10,000	5,000
05.	Vidyasagar University	15,000	7,500
06.	W.B.H.S.Council (+2)	17,302	8,151
07.	Kalyani University	6,000	3,050
08.	Calcutta University	10,100	5,050
09.	Bidhan Chandra Krishi Viswavidyalaya	500	250
10.	W.B.University of Technology	2,000	1,000
11.	Uttar Banga Krishi Viswavidyalaya	100	50
12.	I.I.T., Kharagpur	800	400
13.	West Bengal University of Animal & Fishery Sciences	100	50
14.	Rabindra Bharati University	500	250
15.	N.I.T., Durgapur (D.U.)	200	100
16.	Gour Banga Viswavidyalaya, Malda	3,000	1,500
17.	W.B.State University, Barasat.	2,700	1,350
		<b>93,702</b>	<b>46,851</b>

The fund for NSS Regular Activities & Special Camping Programme State Share for the year 2009-2010 has been released by the Government. The Budget provisions for N.S.S. is now Rs.4 (Four) crore for the State share during the financial year 2010-2011. The State Govt. has claimed to enhance the Volunteer Strength upto 1 Lakh 20 thousand to acute demand but the Govt of India, could not enhance as such for the year 2009-10.

**Highlights of the achievements of N.S.S. in West Bengal (2009-10) :**

- i) The State level advisory committee meeting were held successfully at Bikash Bhavan on Monday, dated the 14<sup>th</sup> September,2009.
- ii) University level advisory committee of different state University were held during the session 2009-10 and State Liaison Officer attended the meeting.
- iii) State level workshop for N.S.S. were held and the State Govt. provided fund for conduct of the programme :-
  - a) State level workshop and celebration of “Human Rights day” were held on 10<sup>th</sup> December,2009 at Burdwan University.
  - b) State level workshop and felicitation of N.S.S. officers were held at Calcutta University on 24<sup>th</sup> September,2009.
  - c) State level workshop for Higher Secondary Schools (10+2) on the theme “National Integration and Roll of N.S.S.” were conducted by W.B.Higher Secondary Council at South 24 Parganas, Kolkata.
  - d) World Aid’s Day were celebrated by Calcutta University and a great Rally in which students and teachers of all affiliated colleges took part at Calcutta.
- iv) West Bengal contingent of N.S.S. participated in various National programme during the year 2009-10, as requested by the P.A. Cell, Govt. of India from time to time and gained recognition and rewards.
- v) Several workshop for N.S.S. programme officers, volunteers and also Principal / Head of the Institution were conducted by Colleges / Universities for proportion of the theme “Healthy Youth for Healthy India”.
- vi) State Liaison Officer, Programme Co-ordinator and programme Officers participated in various National workshop of N.S.S. at R.G.N.I.Y.D., Chennai.

## ACADEMIES AND ORGANISATIONS

vii) Calcutta University contributed for AILA Relief,2009 to the Chief Minister Relief fund through the Department of Higher Education as follows :-

Sl.No.	Name of the College/University	Amount
01.	Netaji Nagar Day College (N.S.S. Unit)	Rs. 7,501/-
02.	Vidyasagar College for Women ,,	Rs. 5,500/-
03.	Gurudas College ,,	Rs. 3,501/-
04.	Sreerampur College ,,	Rs. 3,001/-
05.	W.B.Govt. College of Nursing ,,	Rs. 2,500/-
06.	Bagnan College ,,	Rs. 2,150/-
07.	Bhairab Ganguly College ,,	Rs. 2,000/-
08.	Raja Ram Mohan College ,,	Rs. 2,000/-
09.	Uluberia College ,,	Rs. 1,650/-
10.	Lady Brabourne College ,,	Rs. 1,320/-
11.	A.J. C. Bose College ,,	Rs. 1,301/-
12.	Bethun College ,,	Rs. 1,100/-
13.	Naba Balliguange Mahavidyalaya ,,	Rs. 1,001/-
14.	Joypur Panchanan Roy College ,,	Rs. 500/-
15.	Rishra Bidhan Chandra College ,,	Rs. 1000/-
16.	Dr. Kanailal Bhattacharya College ,,	Rs. 3,575/-
17.	Vidyasagar College ,,	Rs. 1,550/-
18.	Netaji Nagar College for Women ,,	Rs. 1,110/-
19.	Bijoygarh Jyotish Roy College ,,	Rs. 2,000/-
20.	Netaji Nagar College ,,	Rs. 1,120/-
21.	Jogesh Chandra Chowdhury College ,,	Rs. 1,504/-
22.	Nabagram Hiralal Paul College ,,	Rs. 500/-
23.	Presidency College ,,	Rs. 5,000/-
		<b>Rs. 52,383/-</b>

### **I. Contribution of Jadavpur University towards AILA Relief**

The N.S.S. team of Jadavpur University rushed to the spot and handed over relief's such as medical, food, cheated clothes etc. for worth 50 thousand and they stayed over seven days and worked in collaboration with other N.G.O. The Vice Chancellor of Jadavpur University released grant for Rs. 1.50 thousands towards Aila Relief. The contribution made by N.S.S. contingent of Jadavpur university were remarkable for such voluntary work.

West Bengal Govt. is optimistic that N.S.S. will be more effective through qualitative improvements in the programme activities and wider coverage in all the educational institutions in the forthcoming year.

### **9.6 WEST BENGAL DISTRICT GAZETTERS**

Bikash Bhavan, North Block, 8th floor,  
Salt Lake City,  
Kolkata-700091.

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.

Since the research compilation and publication of Gazetteers has been invoked for long periods. Thereupon many original district reports for making Gazetteers were published. Besides that worth which reprints written by different personalities like Hunter, F.D. Ascoli, F.E. pergiter's reports were also published.

## **ACADEMIES AND ORGANISATIONS**

The year saw a gamut of remodelling exercises in the office space for employees enhancing the library area to fivefold, furnishing the library with new racks.

West Bengal District Gazetteers sold books in the Kolkata Book fair to the tune of Rs.53,000/- besides its regular sales at office and through B. G. Press and Bangla Akademi.

W.B. District Gazetteers offered support services for the researchers, scholars, students, teachers and authors even as it continued amassing books and journals on Bengal.

Editing, researching and collecting documents and maps of and on Major James Rennell have matured to a finishing stage which will finally produce the 4<sup>th</sup> Volume of Rivers of Bengal in 2010-11 as Gazetteers next Publication.

Researches on TULAIPANJI, an exotic variety of paddy of Uttar Dinajpur have straddled quite far awaiting the publication of a monograph on this subject in 2010-11.

Gazetteers are making efforts to communicate with different academic institutes to widen its arena of documentation, research followed by publication.

### **9.7 WEST BENGAL STATE ARCHIVES**

43, Shakespeare Sarani, Kolkata -700017 (Ph.No. 2281-0661)

6, Bhowani Dutta Lane, Kolkata -700073 (Ph.No. 2241-3966/2241-1044)

Writers' Buildings, Block II, Ground Floor, Kolkata -700001 (Ph.No. 2214-1339).

#### **1. INTRODUCTION :**

The West Bengal State Archives is the oldest repository of Government records in the country and the custodian of non-current records created by all Government offices in the State. Besides its primary function of preservation of records, it caters to the needs of bonafide scholars and, as such, plays an important role in generating public awareness about archival source material. At present, it functions from three wings, viz. a) Historical Section at 6, Bhowani Dutta Lane, Kolkata- 700073, which houses records upto 1900. b) Current Section at Writers' Buildings, Kolkata- 700001, where post-1900 records are preserved and c) New functional building at 43, Shakespeare Sarani, Kolkata 700017, which possesses the Intelligence Branch (I.B.) and P.W.D. records. A photo archives and a photo gallery have been created in the same premises. A Police Archives wing, led by two senior officials, specially devoted to the tasks of accession and preservation process of I.B. records, is functioning as part of the West Bengal State Archives.

#### **2. ORGANISATIONAL STRUCTURE :**

Till 11.02.09, the West Bengal State Archives functioned as a branch office under Higher Education Department of Government of West Bengal, headed by the Director of Archives. On 23.12.2008, a Cabinet decision was taken by the Government of West Bengal in favour of conservation of the West

## CHAPTER - 9

Bengal State Archives to a separate Directorate under the Higher Education Department, and on 11.02.2009, a Government Order was issued by Higher Education Department in this regard. Historical section of State Archives at 6, Bhawani Dutta Lane has been declared as the main office of the Directorate.

As mentioned in the Extra Ordinary Gazette Notification dated 24.07.2009, this newly created Directorate of State Archives has been functioning with 27 (twenty seven) Group 'A' archival officers, 36 (thirty six) Group 'B' posts for establishment functions and 88 (eighty eight) number of Group 'C' and Group 'D' posts belonging to archival cadre.

### **EXHIBITION :**

For archival awareness among the common people, the West Bengal State Archives regularly organizes archival exhibition every year. This year, the State Archives is going to organize archives week celebration to commemorate 150th anniversary of Indigo Revolt on 28.04.2010 which will remain open till 05.05.2010.

### **PUBLICATION :**

Two publications entitled 'The Great Revolt of 1857 in Bengal' and 'Growth and Urbanisation of 19th century Calcutta' are forthcoming.

### **TRAINING COURSE :**

West Bengal State Archives imparts specialized training and guides the students of different institutions on conservation of rare paper documents. Three months' training on conservation was organized from 4th January, 2010 to 31st March, 2010. Six trainees from different institutions participated in this training programme and certificates were issued on their successful completion of the training course.

### **COMPUTER AND DIGITAL UNIT :**

Digitization of glass slides is in progress in the photo archives. Broadband connection has been installed in the State Archives. A heavy-duty face-up scanner has been purchased for digitization of century-old records lying in the custody of West Bengal Directorate of State Archives.

### **CONSERVATION UNIT :**

Conservation of age-old priceless documents is a primary function of State Archives. The work of repairing the records of Home (Political), Municipal Department and Report on Native News Papers are going on.

## **ACADEMIES AND ORGANISATIONS**

### **Inspection of libraries**

The State Archives is the recommending authority regarding applications of different libraries and institutions for Central Government Scheme of Financial assistance for preservation of manuscripts and rare books. This year the archival officers have inspected the holdings of the following institutions and State Level Screening Committee has forwarded their applications to the National Archives of India with their recommendations.

1. Belur Sadharan Granthagar
2. Academy Theatre
3. Centre for Archaeological Studies
4. Kansabatee Shilabatee Upalyaka Sangrahasala
5. Dr. Ramcharan Chakraborty Heritage Museum, Mograhat, South 24 Pgs
6. British Indian Association
7. Bangiya Kala Vidyalaya
8. Bangiya Sahitya Parishad
9. Manimela Mahakendra
10. Personal holdings of Dr. Asim Bardhan

### **LIBRARY :**

West Bengal State Archives library has a rich and unique collection of books. The number of new books accessioned (during 2009-2010) amounts to 145.

### **PARTICIPATION IN SEMINARS/WORKSHOPS ETC. :**

The archival officers have attended and participated in seminars and workshops in different parts of India in order to enrich and update their knowledge in respect of development of archival methodology and the new areas of historical research.

### **MISCELLANEOUS: ACADEMIC ACTIVITIES OF THE DIRECTOR (PROFESSOR ATIS DASGUPTA) :**

#### **(i) Lectures :**

1. As an invited speaker, delivered a lecture on the occasion of 125 years of Bally Sadharan Granthagar, where Hon'ble Governor Shri Gopal Krishna Gandhi was the Chief Guest, on 4<sup>th</sup> July, 2009.



## CHAPTER - 9

2. As the Chief Guest, delivered a lecture on the historical importance of the writings of Harish Chandra Mukherjee, Editor of Hindu Patriot, at Kolkata Information Centre in November, 2009, which was presided over by Shri Krishna Dhar, eminent journalist.
3. As an invited speaker, delivered a speech in the national seminar organized by the Asiatic Society on 100 years of martyrdom of Prafulla Chaki, Khudiram Bose, Kanailal Dutta and Satyendranath Bose, in December, 2009.

### (ii) Functioning as Member of the learned bodies/institutions/editorial committee.

1. Member of the Council and the Academic Committee of the Asiatic Society
2. Member of the Governing Body of the Institute of Development Studies, Kolkata
3. Member of the West Bengal Heritage Commission
4. Member of the Governing Body of Kolkata Museum Society at Town Hall
5. Member of the Executive Council of the State University in North 24 Parganas, West Bengal
6. Member of the Governing Body of Netaji Institute for Asian Studies
7. Contributing editor of *Social Scientist*

### (iii) Publication

Published an article "Century of martyrdom of four militant nationalists of Bengal" in *Social Scientist*, Vol.38/Nos.1/2, January-February, 2010.

## 9.8 WEST BENGAL STATE BOOK BOARD

6A, Raja Subodh Mallick Square 'Arya Mansion'(8th Floor),  
Kolkata-700013.

Telephone : 2236-7854 Tele Fax : (033) 2225-3223

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 Board 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; 838 in 2006-2007, 845 in 2007-2008 and 855 in 2008-2009 and 863 in 2009-2010.

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 4(four) new books and 14(fourteen) re-edition/reprint are now under the process of printing and will shortly be published by the Board.

In order to reach to the students directly, basically for whom books are published by the board, this year, WBSBB has organised a book exhibition cum sale at Barasat Govt. College. The response of this exhibition cum sale is very encouraging. Board will take further measures to organise this type of exhibition cum sale in future in different colleges of West Bengal.

The Board participates in the Book Fairs in different places both within and outside the State and gets good response there.

### 9.9. WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

147-A, Rashbehari Avenue, Kolkata-700 029

Ph : 033-23466 1005, 2463 3712 Fax : 24660209, 24659566

The West Bengal State Council of Higher Education, established under West Bengal Act XXXVII of 1994 and started functioning in April 1995, at 147A Rashbehari Avenue, Kolkata 700029, in a building owned by the Government. Functions of the Council, as as per said Act are as follows :

1. Planning and Co-ordination in the area of higher education in the State like formulation of (i) perspective plans for development of higher education in the State in consultation with the State Government (ii) principles as per guidelines of the State Government and the University Grants Commission for starting new educational institutions.
2. Academic functions like (i) updating of syllabi for Undergraduate and Postgraduate courses (ii) developing programmes for greater academic cooperation and interaction among University and College teachers.
3. Advisory functions like (i) preparation of draft act for new Universities and suggesting necessary modifications in the existing Acts and Statutes of the State Universities (ii) suggesting principle for providing grants to the Universities.

#### Highlights of relevant activities of the Council during financial year 2009-10

- (a) Formulation of Draft Acts of the forthcoming universities in the State as well as Uniform Leave Rules for the teachers serving in the Colleges under Pay-Packet Scheme throughout the State.
- (b) Acted as Advisory body to the H.E. Department regarding establishment of General Degree / B.Ed, and Law Colleges following the latest guidelines / Regulations of the appropriate Regulatory authority like UGC /NCTE / BCI.
- (c) Acted as a consultative body -
  - (i) to suggest necessary steps for implementation of recent UGC Regulations for conducting M. Phil / Ph.D. programmes in the State-aided Universities.
  - (ii) to review the proposed legislations like draft bill on NCHER in the field of Higher Education and suggest necessary changes / modifications.

Through constant efforts of the State Quality Assurance Cell (SQAC), functioning under the Council, the present NAAC scenario in the State stands at —

- Number of accredited Universities : 07 (all excepting the newly emerged ones)
- Number of Re-accredited Universities : 06

## ACADEMIES AND ORGANISATIONS

Number of Accredited College / Dept : 249 (Art College-0); Tech. Coll-02; Teacher Education College / Dept. -15 General Degree College - 231 Number of Re-accredited College / Dept. : 05

Altogether 371 recommendations were made covering 40 subjects in Arts & Commerce and 25 subjects in Science disciplines, towards new affiliation of subjects in UG Colleges. 10 proposals for opening of PG courses in different colleges were also recommended.

29 on-site inspections had been undertaken for recommending 12 General Degree Colleges (including 3 Self-financed Pvt. Colleges), 15 Self-financed B.Ed. Colleges and 2 Self-financed Law Colleges. An updated Data Bank on Higher Education in the State has been developed. The Website of the Council has also been launched.

### 9.10 WEST BENGAL COLLEGE SERVICE COMMISSION (WBCSC)

6, Bhawani Dutta Lane (4th floor)

Kolkata – 700 073

Ph. No. Chairman : 2241-2800/2257-2653, Secretary : 2241-6675,

Office : 2241-2920, Fax No. : 2257-2800,

The West Bengal College Service Commission came into existence on November 02, 1979 in terms of Act LXII of 1978, the four 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, West Bengal State University, Burdwan University, Kalyani University, Vidyasagar University, Gour Banga University and North Bengal University and recommend candidates for appointment as Lecturer as well as Principal.
- 2) To conduct University Grants Commission (UGC) Accredited State Eligibility Test (SET), formerly known as SLET for Lectureship in Universities and Colleges of West Bengal as a State Agency.

#### **There shall be five zonal units of the Commission :**

i) Calcutta University Zone; ii) West State University Zone; iii) The Burdwan University Zone iv) The Kalyani University Zone; v) The Vidyasagar University Zone; v) Gour Banga University ; vii) North Bengal University Zone.

- 1) The State Govt. may, by order will determine the jurisdiction of every Zonal Unit of the Commission.

## CHAPTER - 9

- 2) Every Zonal Unit of the Commission shall consist of the Chairman and two members of the Commission.
- 3) The members of the zonal unit of the commission shall render advice to the Chairman in preparing a Merit 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. (Smt.) Sumitra Chaudhuri<br>2. Dr. Nasrin Jahan                             |
| W.B.S.U. Zone | – | 1. Dr. Biswanath Roychoudhury<br>2. Dr. Mrinal Kanti Santra                    |
| B.U. Zone     | – | 1. Shri Swapan Roychoudhury<br>2. Shri Sushil Ranjan Roy (Rtd. on 04.01.2010)  |
| K.U. Zone     | – | 1. Dr. Dwijendra Nath Samanta<br>2. Dr. Asish Kr. Ganguly (Rtd. on 28.11.2009) |
| V.U. Zone     | – | 1. Dr. Jibes Ch. Nayak<br>2. Shri Balaram Bandyopadhyay                        |
| G.B.U. Zone   | – | 1. Dr. Pratip Bagchi<br>2. Dr. Dilip Kumar Nandy                               |
| N.B.U. Zone   | – | 1. Dr. Shyamaprasad Bhattacharya<br>2. Vacant                                  |

### **Office set-up of the Commission :**

1. Shri Dulal Hari Sahoo, WBCS(Exe.) – Secretary
2. Shri Debabrata Ghosh – Assistant Secretary

## ACADEMIES AND ORGANISATIONS

The Commission recommended 42 Principals against advt. no.2/2008. The Commission recommended 638 candidates for Lectureship against advt. no. 2/2007 and 1365 Candidates for Lectureship against advt. no. 3/2008 through Counselling Session which was introduced first time from the year 2010.

A total Number of 127 candidates qualified in 23 Subjects in 14th SET-2009. The Result of 14th SET -2009 was published on 27th November, 2009. The Result was approved by Steering Committee in its Meeting and in presence of U-CAT Member & Dy. Secretary, NET Bureau, UGC, New Delhi.

As a Public Undertaking WBCSC introduced a Complaint & Suggestion Box from the year 2007 for direct dealings and best service to the people.

### 9.11 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.

### 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>	:	20
<b>Status</b>	:	Co-Education from 1st March, 2005
<b>Books acquired</b>	:	No. of Books 18,613 also available two newspapers and magazines of 7 titles
<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>	:	600 Boys & Girls of local schools & colleges are holding their Library Cards

## CHAPTER - 9

- Students Attendance** : 150 students are attending Library every day between 8 a.m. to 8 p.m.
- Special programmes** : Cultural programs like debate, quiz, musical programmes and competitions are organized for the students.

### 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

- Staff Strength** : 28
- Staff at present** : 16
- No. of Students** : 1,755
- Home remains open** : 8 a.m. to 8 p.m.
- Books acquired** : 23,189 (14 journals & periodicals subscribed in the Library)
- Reading Room Space** : Sitting arrangement for 125 students at a time
- Other programmes** : Free Computer teaching & Practice, Internet Surfing, Free Coaching in all subjects offered to students of H.S., U.G. and P.G. seminar, symposium on academic subjects. Career guidance, cultural competitions of the students.

### 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.

## **ACADEMIES AND ORGANISATIONS**

### **SRI RAMKRISHNA DAY STUDENTS' HOME**

**9, Pasupati Bose Lane, Kolkata-700 003; Phone : 2555-3143**

**Established : 1956**

<b>Staff Strength</b>	:	28 (11 post vacant)
<b>Books acquired</b>	:	33,702 (Text & Reference Books)
<b>Reading Room Space</b>	:	350 students at a time
<b>Average daily attendance of Student Members</b>	:	250 per day
<b>Other programmes</b>	:	Observance of Foundation Day, Prize distribution to the student members on their examination results and other programmes conducted are debates, story writing, Essay writing etc.

### **BANKURA INSTITUTE (DAY STUDENTS' HOME)**

**Pratapbagan, P.O. Bankura, Dist. Bankura, Pin-722101, Phone : 03242-40388**

**Established : 1998**

<b>Staff Strength</b>	:	7 (Seven)
<b>Books acquired</b>	:	1800 and three daily newspapers
<b>Reading Room Space</b>	:	300 students at a time
<b>Other programmes</b>	:	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 *Institute of Historical Studies*
- 10.5 *Paschim Banga Itihas Samsad*
- 10.6 *Ramkrishna Mission Institute of Culture*
- 10.7 *Socio-Economic Research Institute*
- 10.8 *Sri Sri Sitaramdas Omkarnath Samskrita Siksha Samsad*
- 10.9 *Calcutta Mathematical Society*
- 10.10 *Institute of Science, Education and Culture (ISEC)*
- 10.11 *Institute of Development Studies Kolkata*
- 10.12 *Bangiya Sahitya Parishad*

**RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS**

## 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

Fax : 0332581 9933

E-mail : bankim.bhavan@gmail.com

bbgk\_naihati@rediffmail.com

Director : Dr. Satyajit Chaudhury M.A, D.Litt (C.U)

Bankim-Bhavan Gaveshana Kendra (B.B.G.K.) 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. B.B.G.K. was established in 1999 as an autonomous society administered by a General Council

#### The Aims and Objectives of this Research Centre include

1. Restoration and renovation of the heritage building where Bankim Chandra Chattopadhyay was born and brought up and created most of his immortal literary works including the National Song Vande Mataram.
- 2) Preservation of the huge collection of manuscripts, letters, land deeds and other paper documents, textiles and various items of personal effects collected here.
- 3) Research on life and time of Bankim Chandra Chattopadhyay and on different aspects of social and cultural history of Bengal with a focus on the period of high renaissance of Bengal during late 19th century.
- 4) To build up an educative Museum and a scholarly Library having as its section a rich Archive and Puthishala.

## **RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS**

### **Activities of this Research Centre**

The State Govt. in the Dept. of Higher Education acquired this heritage premises in 1984 and took up restoration work segment wise. Presently the total area of this establishment measure 24, 664.06 Sq. ft. and the mansion comprises of three segments, housing the Museum, the Library, the Archive, Puthishala, Digital unit with necessary equipments etc. Presently the Bhavan regularly attracts visitors from far and near. They include students, the academics from different universities and colleges and general public.

### **Affiliated to West Bengal State University**

In this year Bankim-Bhavan Gaveshana Kendra has been affiliated by The West Bengal State University as its Autonomous Centre (Chapter II 4 (4) of the W.B.S.U Act). The university will extend approval of the academic programs on recommendation by the Academic Council of the university. The university will also assist the B.B.G.K holding examinations, award diploma and degree to the successful students. The university may also recommend and forward on the recommendation of the Academic Council any proposal for assistance in respect of academic programs and financial support for such proposals to the UGC or any authority.

Presently the Academic Council of B.B.G.K has been formulating the syllabus of the M.Phil courses on 19th century studies.

### **The Museum**

Around 1873-74 Bankim Chandra himself built a small Baithakkhana (parlor) comprising of two rooms and a hall just 40 ft. south the ancestral mansion. While staying in Naihati he used this Baithakkhana for his creative activities, editing Bangadarshan Patrika and meeting his friends from the world of literature. This Baithakkhana has been converted into a museum displaying very rare photographs, personal effects of Bankim Chandra, Mm. Haraprasad Shastri and others. His exclusive study in the Baithakkhana is decorated with replicas of his writing table, chair and such others historic materials. In this study he composed the famous song Vande Mataram and penned most of his epoch making literary works. In the adjacent hall Bankim's music teacher Jadu Bhatta the famous Dhrupadiya for the fast time sung the Vande Mataram lyric setting it to tune. For such historic events this museum is considered a sacred place in our country.

### **The Puthi Collection And Puthi Management**

An important component of this Research Centre is the collection of Puthi, hand written Sanskrit manuscripts. Approximately 800 (Eight hundred) very rare puthis could be collected so far. Most of these manuscripts originally belonged to the family of Mm. Haraprasad Shastri and used in their family Tol established in 1760. Subjects of these manuscripts are Nabya Naya, Smriti Shastra, Vyakaranaya, Kabya etc. Written between approximately 1633-1838, interestingly the materials of

the manuscripts are palm leaf, brich-bark, Handmade paper. Some Sanskrit scholars of different universities regularly use these manuscripts for their research.

Presently this unit of B.B.G.K is a Partner Centre of Calcutta University Manuscripts Recourse and Conservation Centre under the agies of Indira Gandhi National Centre for the Arts, National Mission for Manuscripts, Ministry of Culture Govt. of India. With the help of C.U.M.R.C this puthi- collection being documented, processed and catalouged.

### **The Archive**

The Archive of B.B.G.K contents nearly Seventy Five thousand hand written and printed old documents, Letters, Land deeds, Literary manuscripts, Diaries written in Bengali, English and Arabic (Quran) and also some early 19th century printed text books used in schools and colleges. Processing of these invaluable materials is a major academic exercises in this centre. Highly brittle paper documents are cleaned and preserved in digital format using very powerful scanner and other equipments. Till date nearly Twenty Six thousand documents have been processed out of total Seventy Five thousands. All these are source materials for research of our social history.

### **Gramophone Record Collection**

**Vande Mataram Song :** One of the most valuable acquisitions of Bankim-Bhavan Gaveshana Kendra is old records of Vande Mataram song numbering 41 (Forty One) sung by eminent singers like Rabindranath Tagore, Pandit Omkarnath, M.S Subbulaxmi, Maghubai Kurdikar, Dilip kumar Roy and others representing all India perspective. It appears that different Ragas were used for setting the lyric to tune and sung in different styles.

One in-depth research has been done on the origin and verity of the tunes used in Vande Mataram by late Prof. Ananta Kumar Chakroborty a scholar in the music and published by Bankim-Bhavan Gaveshana Kendra in a monograph namely 'The Source and Variations of Vande Mataram-tune' (Vande Mataramer Sur Utsa O Baichitra). The monograph is also available in Hindi and English.

### **Library**

The Library started with a significant small collection received from the family of Bankim Chandra Chattopadhyay and gradually developed into a valuable research oriented library with contributions from the families of eminent academics. Presently the number of the books and journals stand at nearly ten thousand comprising of very rich collection particularly in History, Literature and Social Sciences. Some 19th centaury old journals are very rare possession of this library.

This non-lending library is mainly used by scholars from universities and colleges. The library also provides research materials in digital format to the scholars.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### Publications

From the very inception of this Research Centre it was contemplated that the renowned journal Bangadarshan once published by Bankim Chandra from this house should be revived. The journal was revised in the year 2000 and already 12th portly volumes have been published.

Besides Bangadarshan the research and publication wing of B.B.G.K has established itself in the area of editing old texts, handling materials relevant to the objectives of this institution. The important projects already accomplished are :

- ❖ **Haraprasad Shastri Rachana-Samgraha**
- ❖ **Bangadarshan Parampara**
- ❖ **Rabindranather Bankim Chandra**
- ❖ **Sri Sri Radhaballavjiu Rath O Rather Mela**

**Other on-going projects are –**

- ❖ Bankim Prosanga in Prabasi Patrika
- ❖ Compilation of Bankim Avidhan
- ❖ Bankim Chandrer O Bankim Paribarer Patrabali
- ❖ Selected English works of Mm. Haraprasad Shastri

### Seminars and Workshops

Bankim-Bhavan each year observes anniversary seminars on Bankim Chandra Chattopadhyay and Mm. Haraprasd Shastri. This year the elaborate Bankim Jayanti was held on the 28th June 2009. On the 6th December 2009 a seminar was organized on Mm. Haraprasad Shastri. This year Bhavan observed the Birth centenary occasion of three eminent littérateurs Ashapura Devi, Bishnu Dey and Arun Mitra in collaboration with Ekuse Samsad, Kolkata.

## 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 : [surajit@cssscal.org](mailto:surajit@cssscal.org) [info@cssscal.org](mailto:info@cssscal.org) [cssscal@vsnl.net](mailto:cssscal@vsnl.net)**

**Website : <http://www.cssscal.org>**

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.

**ACTIVITIES DURING 2009-2010**

**Ongoing research activities by individual Faculty Members**

1. What explains differences in human development outcomes across space
2. Human Capital Formation, Occupational Choice and Migration of Labor
3. Informal Sector in General Equilibrium
4. The Chishti Sufis of the Delhi Sultanate
5. Historical writing in vernacular by Sri Jadunath Sarkar.
6. Durga Puja in Contemporary Calcutta
7. images for the Mysore Modern volume.
8. The Colonial Chronotope
9. âstika and nâstika
10. Embedding Poor People's Voices in Local Governance
11. The Black Hole of Empire
12. Tocqueville in India and America
13. Nineteenth century Bengali poetry
14. Postcolonial Studies
15. The Body in Third World Feminisms
16. Sexual Difference in Literary Historiography: Writing the Nation in My Life
17. Not for a Place of Her Own: Beyond the Topos of Man
18. The Fetus in a Divided Planet
19. Embodied Knowledges: An Intimate Critique of Positional Objectivity and Standpoint
20. Participation and Urban Governance in India and South Africa
21. National Tea research Foundation and IPPG projects
22. Politics of Urban Services Provisions in Kolkata
23. Rumour and Communal conflict in Bengal 1946-1992
24. Participatory Irrigation Management in Kumari dam command area in the Purulia district, West Bengal
25. Ecological assessment of small and medium dams in the Purulia district, West Bengal
26. Primary schooling in West Bengal
27. Discourses of Water and Development and Sector Reforms in Water in Maharashtra

## **RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS**

### **Ongoing projects sponsored by external agencies**

CUTS-CITEE Pilot Project on Mainstreaming International Trade into National Development Strategy Minorities Concentration Districts (MCD), West Bengal, Project, sponsored by the Ministry of Minority Affairs, Government of India.

Institute of Pro-Poor Growth (DFID-UK) Project

West Bengal Industrial Development Corporation (WBIDC) by West Bengal Industrial Development Corporation.

A Quantitative Study of Tea Industry: Market, Pricing and Organisation by Tea Board of India.

UNICEF – Social Inclusion Cell, CSSSC-UNICEF partnership.

### **Ph.D Programme**

Sixteen scholars are pursuing their doctoral work under the Centre's Ph.D programme. Apart from this, 20 scholars in different universities are doing their doctoral work under the supervision of the Centre's faculty members in their individual capacity.

### **Research Training Programme (RTP)**

Three international and twelve Indian students have completed their RTP course in the year 2008-09.

The first batch of M.Phil in Social Science, affiliated under the Jadavpur University has begun from August 2009. Two international students and fifteen Indian students were registered under the M.Phil course.

### **Articles**

The faculty members published fifty-five articles in edited volumes and nine book reviews.

### **Books :**

Five books by the faculty members were published during the year under report. One Occasional Paper under CSSSC Occasional Series was published and three Occasional Paper was published under CSSSC-SEPHIS Occasional Paper Series.

### **Seminars/ Workshops/ Conferences.**

Sixteen seminars by the visiting scholars and Seven Staff seminars by the faculty of the Centre were presented including two film screening. The Centre also organized eight workshops during the year under report.



### Library and Archives :

The main library in the Patuli Campus has undergone major restructuring over the year. With the completion of the second floor of the building, the Library now is spread along three floors, with adequate reading and storage space and room for expansion for subsequent years. Provision has been made for a larger Reading Arena. Each floor is equipped with a photocopier. Air Conditioners will be in place soon for the full space of the Library.

A total of 852 books were added to the Centre's main library at Patuli, of which 692 books were purchased and 159 books received as gifts. No new journals have been included during this year. Institutional subscriptions for Indiastat.com; CMIE-Prowess & JSTOR have been paid. As one of the full Depository Libraries of the World Bank, the CSSSC Library received all requisite Publications of the World Bank. During the year 83 e-mail based enquiries were attended and over 1800 pages of Xerox materials of World Bank publications were provided to users. A Comprehensive database of World Bank materials is in the making.

### 10.3 JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH

1300, Rajdanga main Road, Kasba, Kolkata - 700 107

Telephone: 2442-8270, 2442-8267, 2441 7542, 2442-8269 (Director) Fax: 2442-8267

E-mail: jbnsts@vsnl.com , Website: www.jbnsts.org

Estd. 1st July ,1960

**JBNSTS** was conceptualized in the year 1958 to commemorate the Birth Centenary of Acharya J. C. Bose, India's first modern scientist. The program was inaugurated by Pandit Jawaharlal Nehru. JBNSTS is an autonomous Registered Society under West Bengal Societies Registration Act XXI of 1860 (No. S/4353 of 1960-61), promoted by the Government of West Bengal and administered by a Governing Body with representatives from the Government, Academics and Industry. Dr. Purnendu Chatterjee, industrialist and a senior scholar of JBNSTS (1966) is the Chairman of JBNSTS.

### 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.

## **RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS**

### **PRESENT ACTIVITIES**

At the out 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 12 states of Eastern and Northeastern Region. JBNSTS is now engaged in a number of projects in collaboration with Different departments of State Govt. as well as the Central Govt. A brief detail of the programs is given hereunder :

#### **Programs undertaken by JBNSTS in collaboration with Dept. of Higher Education, Govt. of West Bengal**

##### **a) Senior Scholarship Scheme**

This is the core program of JBNSTS. The undergraduate students of Pure Science, Medicine and Engineering appear in a multiphase selection procedure and those who are selected are awarded this prestigious scholarship. The selected scholars are motivated and nurtured throughout their M.Sc/ M.B.B.S./ B.E./ B.Tech. level.

The students, who passed Higher Secondary examination or its equivalent in 2009, appeared in the written test on September 20, 2009. A total of 1156 students applied for the test in 11 centers in West Bengal. On the basis of merit, 100 students were called for the interview and 61 students among them were selected for Scientific Creativity Test. Finally, 32 students were selected for this prestigious award. The selected scholars get a monthly scholarship of Rs.1,000/- and book grant of Rs.1000/- per year during the period of the scholarship. Besides, they are invited to take part in various follow-up Programs like seminars, talent enrichment programs, and educational tours, project works etc.

##### **b) West Bengal District Scheme**

The main focus of this program is on the underprivileged but meritorious students of remote areas of the State. This year JBNSTS has focused on Jalpaiguri, Malda, Uttar Dinajpur, Dakshin Dinajpur, Paschim Midnapore, Purba Midnapore, Murshidabad, South 24 Parganas and Kolkata. A number of science workshops were organized in different schools for the students of those areas. It gives a great opportunity to the students of those areas to get an exposure to the world of science and interact with experts from different fields of science.

#### **Programs undertaken by JBNSTS in collaboration with Dept. of Science & Technology, Govt. of West Bengal**

##### **Teachers' Training Program for Middle School Science Teachers of West Bengal**

Since 2004, initially with support from Sir Ratan Tata Trust, Mumbai and subsequently support from Department of Science & Technology (DST), Government of West Bengal several Teachers'

Training Programs have been conducted with middle school science teachers to motivate teachers towards improved teaching methodologies in science. This is a program for “Innovative Science Teaching” for middle school science teachers of West Bengal, and has entered the 3<sup>rd</sup> year of operation. 5 Districts and Kolkata have come under the ambit of this project and several groups of motivated middle school science teachers have been trained.

### **OTHER PROGRAMS OF JBNSTS INVOLVING 12 OTHER STATES SUPPORTED BY CENTRAL GOVT. DEPARTMENT**

#### **a) Council for Scientific and Industrial Research (CSIR), Government of India**

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 to JBNSTS to cater to undergraduate science students from Bihar, Orissa, Jharkhand and Chhattisgarh. Under this program, the selected scholars of JBNSTS and 1st year undergraduate science students from the mentioned states are taken to different research/educational institutes for educational visit. They also visit research laboratories under CSIR wherever possible.

#### **b) Department of Science & Technology (DST), Government of India**

Since 1999, **Department of Science & Technology (DST), Government of India** has been contributing to a range of Contact Programs for undergraduate science students of the Northeastern States as well as students from Bihar, Orissa, Jharkhand and Chhattisgarh. Under this program, science workshops are organized for undergraduate science students of mentioned neighboring states.

#### ***Activities under the SEATS – INSPIRE Scheme***

Department of Science & Technology, Government of India has started a very innovative program called “Innovation in Science Pursuit for Inspired Research” or “INSPIRE”. The basic objective of INSPIRE is to attract talented students to the study of science at an early stage and help to build the required critical human resource pool for strengthening and expanding the study of science and technology and consequently develop research and development base. Under this INSPIRE program, a very important component is the “Scheme for Early Attraction of Talents for Science” or “SEATS”. It aims to attract young talented students of higher secondary level through summer/winter camps for them in various locations for top performers in Class X Board Examinations.

#### ***DST–FIST Program***

A major effort by the Government of India is being made to understand, support and encourage the study of science in the northeastern region. As a part of this, Department of Science & Technology, Government of India has introduced a program “Fund for Improvement in Science & Technology (FIST)” for infrastructural support to various Universities/ institutions in NE States as well as fellowships for

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

faculties/experts and postgraduate science students. JBNSTS has been nominated to act as the nodal agency for managing this program including the disbursement of fellowships to the participants. Fellowships are under the following categories :

- Visiting professor /faculty to NER: Professor / Faculties of the level of Associate Professor or equivalent from reputed institutions from other parts of the country shall visit one university/institute for one month. They shall share knowledge and experience with the students / faculties of the NE Institute.
- Visiting professor / faculty from NER: Professors/Faculties from universities/institutions from NE region shall visit one university/institute for one month at other parts of the country. They shall gather knowledge and experience from there and share the same on his return at his/her own institute.
- Visiting students from NER: The selected students of NE universities/institutions shall visit one university/institute for three months at other parts of the country. They shall take part in research and other academic activities during their stay.

### c) Department of Development of North-Eastern Region (DONER)

A project was undertaken with the financial assistance from Ministry of Development of North Eastern Region (DONER) to motivate, identify and nurture young talented students of science of all the Northeastern States namely Assam, Tripura, Arunachal Pradesh, Nagaland, Manipur, Mizoram, Meghalaya and Sikkim. Under this scheme, science workshops were organized to motivate the school students to pursue science as their future career selected students were also given scholarships and nurtured during their period of study. **This program has been discontinued since April 2009 due to a change in policy of the Ministry of Development of North-Eastern region.**

### ACTIVITIES OF JBNSTS TOWARDS MOTIVATION, IDENTIFICATION AND NURTURE OF TALENTED SCIENCE STUDENTS

**27/05 - 30/05/09 Mathematics Teachers' Training Program** for teachers from Kolkata, South 24 parganas, Birbhum, Burdwan, Hooghly and Nadia (~31), held at JB-Centre of Excellence.

**01/06 – 07/06/09 DST— JBNSTS Science Camp : “Science and You : Possible Milestones”** for High School students (~57) of Kolkata, held at JB-Centre of Excellence, Kolkata. Science books were distributed during the workshop to the participating students.

**19/06 – 02/07/09 Talent Enrichment Program** : For Senior JB-Scholars (22). Visit to the following Science & Technology Centres in Bangalore : (1) National Aerospace Limited, (2) Indian Space Research Organization (ISRO), (3) Super Computer Education & Research Centre (IISc.), (4) Centre

## CHAPTER - 10

for Artificial Intelligence & Robotics, (5) Poornaprajna Institute of Scientific Research (6) Raman Research Institute, (7) Hindustan Aeronautics Limited, (8) Indian Institute of Astrophysics, (9) CREST Campus (IIAP), (10) Jawaharlal Nehru Centre for Advanced Scientific Research, (11) National Centre for Biological Sciences, (12) National Institute of Mental Health & Neuro-Sciences(NIMHANS).

**07/07 - 10/07/09 Biology Teachers' Training Program** for teachers' from Kolkata, South 24 parganas, Birbhum, Burdwan, Hooghly and Nadia (~35), held at JB-Centre of Excellence.

**13/07- 15/07/09 WBDS Interactive Science Workshop :** For middle School Students (~45) held at Jalpaiguri Meherunnisa High School, Jalpaiguri.

**15/07/09 WBDS Interactive Science Workshop :** For middle School Students (~61) held at Nandanpur Junior High School, Jalpaiguri.

**01/08 – 07/08/09 DST- JBNSTS Science Camp : “In Search of Nature’s Truth”** for students (~42) of West Bengal who are among the first 1% performers under ICSE Board in Class X Board Examination 2009 and are presently studying class XI in science held at JB-Centre of Excellence, Kolkata. Science books were distributed during the workshop to the participating students.

**01/08 –21/08/09 Awareness Program** at the different Institutes in West Bengal including Kolkata for Senior Talent Search Test.

**08/08–09/08/09 Seminar Series & Interaction Sessions:** With Senior JBNSTS-Scholars(~21), held at JB-Centre of Excellence.

**22/08 – 24/08/09 WBDS Interactive Science Workshop :** For middle School Students (~61) held at Hamilton High School, Tamruk, Midnapore.

**05/09 – 06/09/09 Seminar : “On a Blood Trail – An Insight to Haematology”** for undergraduate science students (~58) & for Medical Students (~34), held at JB-Centre of Excellence.

**12/09 – 16/09/09 DST— Inspire Internship Science Camp in association with JBNSTS : “Science and You”** for undergraduate science students (~78) of West Bengal held at JB-Centre of Excellence, Kolkata. Science books were distributed during the workshop to the participating students.

**20/09/09 Senior Talent Search Test :** 1156 undergraduate science students applied for TST(A) Examination and 941 students appeared for the test from West Bengal at the following 11 examination centers :

(1) JB-Centre of Excellence, (2) Presidency College, Kolkata, (3) Narendrapur R K Mission Residential College, Narndrapur, Kolkata, (4) R K Mission Vidyamandira, Belur Math, Howrah, (5) Burdwan Town School, Burdwan, (6) Krishnanath College, Behrampore, Murshidabad,(7) Indian Institute of

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

Technology, Kharagpur, (8) Siliguri College, Siliguri, (9) Rashtraguru Surendranath College, Barrackpore, 24 Parganas (N), (10) Narula Institute of Technology, Agarpara, Kolkata, (10) National Institute of Technology, Durgapur, Burdwan.

**06/10 - 10/10/09 WBDS Interactive Students' Follow-up Science Workshop :** For middle School Students (~31) held at JB-Centre of Excellence. Science books were distributed during the workshop to the participating students.

**12/10 – 16/10/09 DST— Inspire Internship Science Camp in association with JBNSTS : “Science and You”** for undergraduate science students (~86) of West Bengal held at JB-Centre of Excellence, Kolkata. Science books were distributed during the workshop to the participating teachers.

**25/10/09 – 29/10/09 Talent Enrichment Program – “Exposure to Front Line Research in Science”** for (~47) undergraduate science students from Bihar, Orissa, Jharkhand and Chhattishgarh visited the following Science & Technology Centers in Kolkata : (1) Birla Industrial & technological Museum, (2) Central Glass & Ceramic Research Institute, (3) Saha Institute of Nuclear Physics, (4) Variable Energy Cyclotron, (5) Indian Association for the Cultivation of Science, (6) Science City, (7) Statistical Institute, (8) Bose Institute (9) Garden Research Shipbuilders & Engineers Ltd.

**03/11 - 05/11/09 WBDS Interactive Students' Science Workshop :** For middle School Students (~71) held at Kalash High School, Magrahat, South 24Parganas. Science books were distributed during the workshop to the participating students.

**12/11/09 “One day Science Program : In memory of Late Prof. Amarnath Bhaduri,** for middle School Students (~52) in Kolkata, jointly organized by JBNSTS and A N Bhaduri Foundation held at JB-Centre of Excellence, Kolkata.

**16/11 – 20/11/09 DST— Inspire Internship Science Camp in association with JBNSTS : “Why Science”** for undergraduate science students (~88) of West Bengal held at JB-Centre of Excellence, Kolkata. Science books were distributed during the workshop to the participating students.

**25/11 - 28/11/09 Physics Teachers' Training Program** for teachers' (~39) from Kolkata, South 24 parganas, Birbhum, Burdwan, Hooghly and Nadia held at JB-Centre of Excellence.

**05/12/ - 06/11/09 Final Interview (2<sup>nd</sup> Phase) :** For short listed (100) students of West Bengal for the award of Senior JBNSTS Scholarship, held at JB - Centre of Excellence, Kolkata.

**12/12 – 16/12/09 DST— Inspire Internship Science Camp in association with JBNSTS : “Fascinating Science”** for Class XI science students (~86) of West Bengal held at JB-Centre of Excellence, Kolkata. Science books were distributed during the workshop to the participating students.

## CHAPTER - 10

**16/12 – 18/12/09 WBDS Interactive Students' Science Workshop :** For middle School Students (~61) held at Sujata Devi Vidyamandir, Kolkata.

**19/12 – 20/12/09 Scientific Creativity Test (3<sup>rd</sup> and final Phase):** For short listed (61) undergraduate science students of West Bengal for the award of Senior JBNSTS Scholarship held at JB - Centre of Excellence, Kolkata.

**21/12 – 24/12/09 Talent Enrichment Program :** For (23) Senior JB-Scholars. JBNSTS Scholars visited the following Science & Technology Centers in Kolkata : (1) Indian Association for the Cultivation of Science, (2) Indian Institute of Chemical Biology, (3) SN Bose National Centre for Basic Sciences, (4) CHEMBIOTEK Research International Private Limited, (5) Indian Statistical Institute, (6) Bose Institute, (7) Saha Institute of Nuclear Physics, (8) Variable Energy Cyclotron Centre.

**30/12/09 Annual Award Ceremony :** Held at JB-Centre of Excellence. An Orientation Program for Senior JBNSTS Scholars (2009)

*Scientific Session* : Lecture delivered by Prof. Soumya Chakraborty, California University, USA and Prof. Dipankar Das Sarma, Solid State and Structural Chemistry Unit, Indian Institute of Science, Bangalore. Prof. Dipankar Das Sarma and Prof. Tapan Raychaudhuri, Emeritus Fellow, St. Antony's College, Oxford University, UK, graced the occasion. Prof. Raychaudhuri gave away certificates to JBNSTS Senior Scholars 2009 and Best School Award (Senior 2009) to Hindu School, Kolkata.

**12/01/10 Seminar : "Mathematical Modeling" :** Held at JB-Centre of Excellence (~30).

**27/01 – 31/01/10 DST— Inspire Internship Science Camp in association with JBNSTS : "Creative Science"** for Class XI science students (~55) of West Bengal held at JB-Centre of Excellence, Kolkata. Science books were distributed during the workshop to the participating students.

**31/01/10 Project Evaluation and Discussion – Phase – II (final) for Senior JB-Scholars, 2007**

**07/02/10 Seminar :** Held at JB-Centre of Excellence for Senior Scholars (~45) of JBNSTS.

**Project Presentation and Discussion – Phase – I for Senior JB-Scholars, 2008**

**20/02 – 24/02/10 Students' follow-up Workshop (WBDS) :** For middle School Students (~ 67) held at JB-Centre of Excellence, Kolkata.

**20/03 – 24/03/10 DST— Inspire Internship Science Camp in association with JBNSTS : "Science Beyond School"** for Class XI science students (~72) of West Bengal held at JB-Centre of Excellence, Kolkata. Science books were distributed during the workshop to the participating students.

**27/03 - 28/03/10 Seminar : "Those who make us proud":** for Senior JB-Scholars (~27) held at JB-Centre of Excellence.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### 10.4 INSTITUTE OF HISTORICAL STUDIES

**'Pooja Apartment', 1st Floor,  
Flat No. 1-C, 8/1, Loudon Street,  
Estd : 1961; Kolkata - 700 017  
Telephone : 2287-5236  
Email : institute.h.s@gmail.com  
Website : www.ihs-kolkata.org**

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-eighth year of its fascinating history of sustained growth to attain a phenomenal high in the academic world. The Institute which has an all-India membership is governed by an **Executive Committee** of 20 members excluding the **Government Nominee** and a **Director**.

#### **Academic Activities of the Institute**

The different facets of the academic activities of the Institute as a body of higher studies and learning are (i) to organize seminars, lectures (including memorial and endowment lectures), (ii) to hold an all-India Annual Conference with well-chosen general and local themes of academic discussion, (iii) to undertake research projects, open courses on relevant aspects and publication programmes and (iv) to publish a Quarterly journal.

#### **THE FOLLOWING LECTURES WERE ORGANIZED DURING THE YEAR**

The Institute celebrated the Founder's Day Anniversary on 8<sup>th</sup> and 9<sup>th</sup> June, 2009.

On July 25, 2009 Sri Ramananda Bandyopadhyay, an eminent artist delivered the Artist Bhunath Mukherjee Memorial Lecture (2009-2010) on **Making of Indian Art**.

The Professor H.K. Barpujari Endowment Lectures (2009-2010) were delivered by Prof. Nikhiles Guha, retired Professor of History, Kalyani University on 29<sup>th</sup> August and 5<sup>th</sup> September, 2009. He spoke on **Reconstructing History in the Swadeshi Era**.

On September 19, 2009 Dr. Atri Chatterjee, Retired Principal, B.K.C. College delivered the Professor Sunil Kumar Sen Memorial Lecture (2009-2010) on **Age of Consent at 12 : Bengal – A Hot Plate of Public Debate**.

On November 27, 2009 Swami Atmapriyananda, Vice-Chancellor, Vivekananda University, Belur Math delivered the Professor A.P. Mathur Endowment Lecture (2009-2010) on **Religion and Reason**.



## CHAPTER - 10

The Professor Nisith Ranjan Ray Centenary Lecture (2009-2010) was delivered by Professor Saugato Roy, Honorable State Minister for Urban Development, Government of India on **Calcutta's Urban Growth**.

On December 12, 2009 Dr. Nupur Dasgupta, Department of History, Jadavpur University delivered the Justice Binayak Nath Banerjee Memorial Lecture (2009-2010) **on Asokan Edicts : Literacy, Management and Cultural Hegemony**.

The Biplabi Nagendra Sekhar Chakraborty Memorial Lecture (2009-2010) was delivered by Dr. Kabita Roy, Department of History, Sivnath Sastri College on 9<sup>th</sup> January, 2010. She spoke on **Revolutionary Ideology in Bengal : A Peep into the Press, 1905-1918**.

The Professor N. Subrahmanian Endowment Lecture (2007-2008) was delivered by Prof. Ranjan Chakrabarti, Department of History, Jadavpur University on 27<sup>th</sup> March, 2010. He spoke on **George Perkins March and Rabindranath Tagore: The Philosophy of Early Environmental Activism in the U.S. and India**.

### DISCUSSION MEETING

The Institute observed the birth centenary of Dr. Pratul Gupta on 24<sup>th</sup> October, 2009. The Institute celebrated the birth centenary of Dr. Anil Chandra Banerjee on 21<sup>st</sup> November, 2009.

### SEMINAR

The Institute organized a two-day seminar on the birth centenary of Smt. Ashapura Devi on 18<sup>th</sup> and 19<sup>th</sup> December, 2009. About 19 papers were presented at the Seminar.

### ANNUAL CONFERENCE

The 46<sup>th</sup> Annual Conference of the Institute was held at Mumbai under the auspices of L.J.N.J. Mahila Mahavidyalaya between 9<sup>th</sup> and 11<sup>th</sup> October, 2009. The principal theme of discussion was : History in Literature, and the local theme, Local History of Maharashtra.

### LIBRARY

The Institute specializes in historical journals and has most well-known historical journals of the world. The foreign journal include journal of the Royal Asiatic Society, Pacific Affairs, Journal of Asian & African Studies, Journal Asiatique, SHIGAKU – ZASSHI and THE TOYO GAKUHO etc. Some of the Indian journals include Indian Quarterly, Indian Horizons, Journal of Sikh Studies, The Sikh Review, Jayasree, Praci Jyoti, Span, Vishveshvaranand Indological Journal, Journal of Oriental Research, Annals of the Bhandarkar Oriental Research Institute and Journal of the Institutional Dayanand Vedapeetha etc.

## **RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS**

### **JOURNAL AND OTHER PUBLICATIONS**

The Institute publishes from time to time books containing selections of important papers presented and discussed at the seminars and the annual conferences. It has brought about a good number of research publications for the promotion and advancement of historical knowledge. The most important publication of the Institute is the Dictionary of National Biography, the first of its kind in India.

During the year 2009-2010 the Institute brought out a book entitled 'Agrarian Bengal under the Raj', Ed. by Dr. Chittabrata Palit (Reprint Edition). Books titled 'Netaji Subhas Chandra Bose in Historical Perspective' and 'Indian Historiography, Vol. II', are at the press.

The Quarterly Review of Historical Studies, the mouthpiece of the Institute is widely acclaimed as the prestigious journal of international standard. It has been enriched over the years, with contributions from reputed scholars, Indian and foreign. The journal is running the 47<sup>th</sup> year of its publication.

### **COURSE**

The Institute has planned to introduce one year P.G. Diploma Course on Heritage Tourism. The syllabus for the course has been prepared. It will be launched on receipt of its affiliation from the university.

### **OTHER ACTIVITIES**

The Institute provides assistance to scholars on projects of historical research.

### **FINANCE**

The Institute as an autonomous body is financed by the Department of Higher Education, Government of West Bengal and the Ministry of Culture, Government of India, the entire maintenance cost being borne by the Government of West Bengal and the Government of India on a 50 : 50 basis.

### **10.5 PASCHIM BANGA ITIHAS SAMSAD**

**Sarat Bose Bhavan,**

**1, Woodburn Park, Ph : (033) 2289-2165/2290-2927(O)**

**President : Ph :(033) 2281-4151,2287-4420, M:99036-68757**

**Secretary: Ph :(033) 2472-7171,2429-6537, M:94333-53349**

**E-mail : pbitihas\_sansad@yahoo.co.in**

**Kolkata – 700 020**

Paschim Banga Itihas Samsad (Founded in 1978 in Kolkata) is one of the largest regional associations of professional historians and history- inclined people in West Bengal. It has maintained close links with the Indian History Congress for more than two decades, as an organisation of historians,

teachers, research scholars and history loving people from every districts of West Bengal as well as other parts of India and abroad. It has more than 3000 members ranging from the age of 18 and they are categorized as Life. As a matter of fact, the Samsad is the largest professional organization of the Historians and the Social Scientist committed to the writing of History on secular and scientific basis.

### Objectives of Paschim Banga Itihas Samsad

- (1) Promotion to the cause of teaching and social relevant research in history and allied areas through the Bengal language and cultivation of linkages with other regional associations pursuing historical research in the mother tongue of their respective regions;
- (2) Initiation and consolidation of efforts aimed at upholding the secular and scientific values in matters of teaching and research in history and allied areas;
- (3) Initiation and consolidation of efforts aimed at resisting and eradicating the menace of communalism;
- (4) Rendering assistance to academic bodies involved in rationalising and updating history curricula followed in various schools/ colleges/ universities of West Bengal;
- (5) Publication of books and compilation of documents emerging from the academic activities of the Samsad.

### Activities in 2009-2010

#### Seminer/Conference

1. Organised the **Ashin Das Gupta Memorial Lecture 2009** which was delivered by Professor Ranabir Chakraborty on "Sagar Shasan:Sambhabana O Samasya - Bharat Mahasagarer Prekshit" on 25th April 2009 at Sisir Mancha, Kolkata.
2. Organised the **Susbodhan Sarkar Memorial Lecture 2009** which was delivered by Professor Jasodhara Bagchi on 'Paschimer Samhati, Prachyer Pragati:Bangali Narir Adhunikata' on 19th August 2009 at Presidency College, Kolkata.
3. **The 26<sup>th</sup> Annual Conference** of the Samsad was held from 24<sup>th</sup> to 26<sup>th</sup> January 2010 at North Bengal University. Professor Jayanta Bhusan Bhattacharya. Former Vice Chancellor, Assam University inaugurated the Conference and Prof. Subimal Sen, Vice-Chairman of West Bengal Council of Higher Education was present to grace the occasion as Chief Guest, Prof. Arunabha Basu Majumder, Vice-Chancellor, NBU was present as the Guest-in-Honour in the inaugural ceremony. In academic session, the Keynote address had been given by the

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

eminent writer Prof. Sumanta Bandyopadhyay. The Sectional Presidents were: Prof Tapati Mukhopadhyay (Ancient India), Prof. Himmagshu Kumar Sarkar (Medieval India), Prof. Nirban Basu (Modern India) & Prof. Lipi Ghosh (Countries Other than India). On this occasion, the Samsad organised the Abdul Wahab Mahmood Memorial Seminar on ***Itihase Uttarbanger Samaj O Sanskriti*** which was held in the afternoon of January 24, 2010.

More than three hundred delegates from different schools, colleges, universities and learned institutions of West Bengal attended the conference. A number of delegates from Bangladesh participated in the conference. The Proceedings Volume of previous conference (*Itihas Anusandhan-24*) and a souvenir was published on this occasion.

4. Organised the **Ashin Dasgupta Memorial Lecture** 2010 which was delivered by Professor Lakshmi Subramaniyan on 'Bharat O Bharat Mahasagar: Purono Prasanga, Natun Prekshit' on 6<sup>th</sup> March 2010 at the Paschimbanga Bangla Academy Auditorium.
5. Seminar on **Science ami Nationalism in Bengal** in collaboration with Kshudiram Bose Central College held on 19-20 February, 2010.
6. Seminar on **Technology of Revolution: Society, Polity and Economy** in collaboration with Barasat Govt. College held on 4-5 March, 2010.
7. Workshop on **History Teaching** in collaboration with Netaji Institute for Asian Studies, U.G Board of Studies in History, University of Calcutta and Scottish Church College on 27-28 March, 2010.

### Publications in 2009-2010

1. **Sagar Shasan : Sambabana O Samasya- Bharat Mahasagarer Prekshit** (Ashin Dasgupta Memorial Lecture, 2009) by Ranabir Chakraborty.
2. **Paschimer Samhati, Prachyer Pragati: Bangali Narir Adhunikata** (Susobhan Chandra Sarkar Memorial Lecture, 2009) by Jasodhara Bagchi.
3. **Bharat O Bharat Mahasagar: Purono Prasanga, Natun Prekshit** (Ashin Dasgupta Memorial Lecture, 2010) by Lakshmi Subramaniyan .
4. ***Itihash Anusandhan Vol. 24*** ( Proceedings of Annual Conference & Seminar held in 2009 at Rabindra Bharati University); Ed.by Manju Chattopadhyay.
5. **Banglar Renaissance** Ed. by Nirmal Bandyopadhyay
6. **Banglay Biplabbader Shatabarsa** Ed. by Nirmal Bandyopadhyay

## 10.6 THE RAMKRISHNA MISSION INSTITUTE OF CULTURE

**Gol Park, Calcutta - 700 029**

**Telephone : 2464-1303, Fax : (91-33) 2464-1307, E-mail : rmic@vsnl.com**

**Website : www. Sriramkrishna.org**

**Estd. 1938**

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. A brief account of the activities undertaken by the Institute during 2009-2010 is given hereunder.

### **Vivekananda Medal 2009**

The prestigious Vivekananda Medal Award was instituted by Nivedita Vrati Sangha an eminent women organization in 1955 by making a corpus donation with the stipulation that out of the income of the endowment, a gold medal named Vivekananda Medal would be awarded to a person or an institution/organization for outstanding work for the dissemination of the ideals of Sri Ramakrishna and Swami Vivekananda for uplifting the conditions of rural and tribal people. The Medal is awarded zone-wise between a gap of 2/3 years. Till 2008, 4 eminent persons/organization representing 4 zones have been awarded the Medal. In 2009, Prof. Brij Nath Kaul of Srinagar, Jammu & Kashmir representing Northern Zone of the country has been recipient for the Gold Medal and Cash Award of Rs.50,000/-.

### **Foundation Day Celebration**

With a day-long programme the Institute celebrated its 72<sup>nd</sup> Foundation Day on 29 January 2010. The Foundation Day Oration was delivered by Dr. Srikumar Banerjee, Chairman, Atomic Energy Commission, Mumbai on “**Using Science and Technology as Instruments of Nation Building**”.

### **Anniversary Celebration of Sri Sri Thakur, Sri Sri Ma & Swamiji**

To mark the 147<sup>th</sup> Birth Anniversary of Swami Vivekananda, a Grand Music Festival was organized on 12 January, 2010. As in previous years, this year too the Institute celebrated birth Anniversary of Sri Ramakrishna, Sri Sri Sarada Devi and Swami Vivekananda, on Sunday, February 7, 2010.

### **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,

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

symposia, discourses, public lectures, music programme etc. 287 Public functions including Musical Programmes and screening of Films/Documentaries were also held throughout the year.

The Institute also conducted an All-India Elocution Competition on Swami Vivekananda in which there were 465 contestants from various Schools and Colleges and 75 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 1798 readers. The Library which now functions with the added space of the new extension building is one of the popular and well-serviced libraries in the eastern part of India. 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 6339 raising the stock to 244925 (General 221417., Junior 7791, Children 15717. Besides, three world renowned E-journals consortiums viz. **JSTOR**, **J-GATE** and **Oxford University Press** have been introduced in the library with effect from January, 2010. JSTOR offers multi-disciplinary collections and currently there are 1102 titles, including previous titles, available through their collections of the JSTOR archive. OUP is publishing well over 200 journals. The OUP collections cover Sciences, Mathematics, Social Sciences and Humanities. The J-GATE offers multi-disciplinary collections viz. 21,500 E-journals (6000 free downloadable) which cover Basic Sciences, Technology ; Management Sciences, Arts-Humanities, Agriculture-Biological Sciences & Biomedical Sciences, Databases, Union list linkage etc.

### Value Education Programme

The objective is to help understanding basic concept of Education and its sustained Values for implementing to build a healthy society by their inherent skill through theoretical and practical lessons.

**Methodology** : Followed by Meditation and 5-day long Class-room lectures by eminent scholars, and thereafter question-answer session were under theoretical aspect where no. of participants were Boys 144 and Girls 152. As a practical exposure in contrast to their theoretical lessons students had undergone in 2-day long different Village-projects where no. of participants were Boys 131 and Girls 136.

### Academic Counselling

The objective is to help unfocussed students, mainly standing outside medical purview, to become right chooser in their life by identifying their inherent potential to explore and thus minimizing problems in life.

**Methodology** : People like Psychoanalyst, psychologist and Psychiatrist pay visit to these needy clients and undertake couple of counselling by process of talks and works as a tool or by prescribing medicines wherever required treatment is continued.

Total 6 people as counsellors are in this project and no. of clients joined during the year is 32.

### **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. Among other publications brought out this year by the Department, mention may be made of the **Great Thinkers on Ramakrishna Vivekananda, Great Sayings with Illustration, Subjectivity in Science, Understanding Consciousness and Comparative Religion**, all in English, **Swami Vivekananda aur Unka Sandesh and Biswabarenya Sri Ramakrishna**, both in Hindi and **Suktiratnamanjusha** in Bengali. Another notable publication was that of a book entitled "Sachitra Swami Brahmananda." A good number of the Institute's earlier publications were reprinted during the year

### **Museum and Art Gallery**

As a Cultural Ambassador of Indian Heritage, the Museum and Art Gallery of the Institute of Culture is a place of interest where Education and Enjoyment are being provided to the visitors. Its manifold activities are the following — it displays diverse forms of Indian Culture through its permanent Exhibition; arranges noteworthy Annual and other temporary Exhibitions; runs an Art School for Children and conducts a P G Diploma course on 'Appreciation of Indian Art'.

The Museum and Art Gallery possesses a good number of Antiquities and Works of Arts which are categorized as paintings, Sculptures, manuscripts, Folk Arts, Ivory Paintings, Textiles, Pata Paintings, Litho Prints, Silver Ornaments, Terracottas and Laminated Photographs. There are altogether 1255 Art Objects in its collection.

Like previous years, this year too, 4 Fragile Sculptures and relief works of late Artist Pramatha Nath Mullick have been transferred into Bronze.

During the year the Museum and Art Gallery has organized three exhibitions under its fold, viz. Annual Exhibition of the Museum and Art Gallery, Annual Exhibition of the Sarada Devi School of Fine Arts and crafts for children and one Temporary Exhibition of the students of 'Appreciation of Indian Art' course.

The Annual Art Exhibition of the Paintings, Sculptures and other Art Works of late artist Lalit Mohan Sen (1898-1954) (retrospective exhibition) was opened on Saturday, 20 March 2010 and continued till 17 April 2010.

The annual Art Exhibition for the session 2009-2010 of the Sarada Devi School of Fine Arts and Crafts for children was held on 29 January 2010. For the academic session 2010-2011 total 280 students got admitted.

Like previous years this year also department of museum and Art Gallery conducted a 10-month Post-Graduate Diploma course on 'Appreciation of Indian Art' as a major Academic Programme of

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

the Institute. The course comprised 75 modules and was affiliated to Kavikulaguru Kalidas Sanskrit

University, Nagpur. More than 30 people as Art historians, Art Critics, Artists and Museologists are attached as faculty members in the course. In the current academic session 2009-2010, 44 students got admitted in the course.

Number of Visitors to the Museum and Art Gallery during the year were approximately 3000.

### 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 2009-10 research work with scholars of the country and abroad. The Centre conducted, very successfully P. G. Diploma Courses in Indology, Functional Sanskrit and Appreciation of Indian Art. A ten-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, 14 Pre-doctoral and 4 Post-doctoral scholars and 6 Research fellows and project scholars are working in various projects.

For dissemination of ideas and thoughts the CISR conducts **Seminars** every year.

- i) An International Seminar was organized by the CISR on 8-10 January 2010 on ‘Spirituality and Science of Consciousness’ in which 17 eminent speakers all over the world participated in the Seminar and presented their papers.
- ii) A 2-day **Workshop** on ‘*Creativity in Education*’ was organized on 14 & 15 November 2009. Total number of participants in the Workshop was 28 with 58 invitees and observers.
- iii) To assess the progress of each pre-doctoral scholar and to open alternate thought avenues, CISR conducts **intra-departmental Seminar** for the pre-doctoral scholars every six months and 2 such Seminars were held during the period.

The **Convocation** of the Centre was held on Monday, 7 September 2009. Two research scholars Dr. Manwara Khatoon and Dr. Anuradha Gupta who completed their thesis were felicitated.

**Convocation** for the IUHU course was held on 24 July 2009. The **Vivekananda Archives** is an important section of the Institute with around 3800 books and more than 700 journals on the Ramakrishna-Vivekananda Movement.

Recently a new Chair named after Sister Nivedita has been instituted at the CISR with Prof Sankari Prasad Basu as its first Chair holder



**School of Languages**

The School of Languages teaches 18 languages : 5 Indian and 13 foreign which includes English. The Indian languages are Bengali, Hindi, Sanskrit, Tamil and Urdu. The foreign languages are Arabic, Chinese, English, French, German, Italian, Japanese, Korean, Latin, Persian, Portuguese, Russian and Spanish. The number of students enrolled in 2009 was 24,862.

Under a request from the directorate of Census Operations, West Bengal, a tailor-made Bengali course was offered to a group of 23 non-Bengali officers who would be doing field work under the Census Programme.

The Tulsi-Beena Goswami debate competition was held in October 2009. The topic was, “In the of the House, India is the most successful democracy in the world.” 109 students participated in the debate

The Convocation of the School of Languages was held on 27 March 2010. 67 students received prizes and medals. 1437 students received their certificates after the Convocation. Students, who stood first in the languages they learnt, spoke in those languages at the Convocation. The School has 7756 students on the roll at present.

**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 about 1000 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. 23,61,120/-.

**Charitable Work among Slum Children**

During the year under Report the Institute served 1 liter milk and 200 gm bread, or 4 pieces of biscuits everyday, excepting Sundays and holidays, to each poor slum child up to 6 years of age and also to each poor, expectant mother belonging to the locality of the Institute of this area. They were given Puja garments and blankets as well. Besides, 600 pieces of blankets were given to the poor, old destitutes for 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 1390 guests stayed at this International House of which 894 were from India and the rest came from various other countries like U.S.A., U.K., Germany, Canada, Japan, Australia, Bangladesh, China, Korea, Italy, Nigeria, Romania, Thailand etc.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### 10.7 SOCIO-ECONOMIC RESEARCH INSTITUTE

**Date of establishment : 7th July 1959**

**Temporary Site : J2/5,J2/6, L1/13, Marcus Square,  
Kolkata - 700 007**

**Temporary Address : 20A, Ram Mohon Saha Lane,  
Kolkata - 700006**

**Ph. : 033-23504873/033-23608601.**

The Institute is devoted to the study of social and economic problems of India, past and present. Prof. Suranjan Das, Vice-Chancellor, Calcutta University is the President, Dr. Subir Banerjee is the present Secretary and Prof. Subhas Dutta, Mr. Jahar Sen are the Joint 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 to 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.

**2. Title of the Project**

**BHARAT SANDHAN, Rammohun theke Rabindranath Quest for a New India, From Rammohun to Tagore :**

Aim of this project is to assess / estimate the emergence of conception of being Indian, including all out zeal and effort towards construction of new integrated India irrespective of caste, creed or religion that has evolved since the days of Rammohun, the first Renascent man in the history of Modern India. The topic of discussion has included phase-wise thoughts and works of Rammohun, Debendranath, Vidyasagar, Keshab Chandra, Shibnath Shastri, Ramkrishna Vivekananda, Aswini Kumar Dutta, Aurobindo and particularly of Rabindranath Tagore with reflections of the historical development of our mind looking at the confluence of feeling for a new India and modernization. The discussion hints at also, though in a nutshell at the aspirations and complications of our hurdles in respect of casteism and communalism, calamities or

devastation resultant upon hatred and carnage of neighbours, the ultimate message of renascent India remain unaltered.

The discussion has highlighted all these aspects from historical points of view aiming simultaneously to substantiate also that in spite of the crude presence or massive resistance of communalism and parochialism quest for an enlightened India enriched with universal values has never been dislocated or gone out of the track till now. That is perhaps the most glorious output of the great representatives of awakened India.

### **10.8 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 Governments; it is progressing slowly but steadily towards attaining the status of centre of excellence. With a view to achieving its aforesaid objectives, the Samsad undertook the following activities.

#### **Activities during the year 2009-2010 :**

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 Parishad, a wing set up by the Government of West Bengal to monitor Sanskrit learning in the State. Along with these courses students are also being taught in modern subjects and Computer Application. During the year in question, the Samsad had been maintaining 65 students in its five units.

During the year, eight students of the Samsad appeared in the final 6th year Vedic examination held by Maharshi Sandipani Rashtriya Vedavidya Pratishthan at Allahabad.

The Samsad has a publication wing and thirteen books on Indology, Sanskrit and Bengali literature have already been published and few others are in the process.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

The following books have been 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 sei diner Katha by Dr. Arati Mukherji
6. Vaisnav Sristi Samiksha by Professor Debranjana Mukherji
7. Saktapadavali O' Sakti - darsan by Professor Debranjana 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. Sngs That Bridge The Gulf by Prof. Tarapada Bhattacharya
13. Meghadutam edited by Mahadev Chandra Pal

The Institute is extending facilities to research scholars to carry out research on diverse problems of Indology under the guidance of experts in respective fields. The Samsad has already established itself as a premier institute in the country in the field of research. 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
- (vi) Status of Tista-Brahmaputra Valley in Sanskrit Literature
- (vii) Translation of Kavyadarsha and Sahitya Darpan

The Samsad has already completed some of the above projects and carrying on with the rest in a most satisfactory manner.

## CHAPTER - 10

The Samsad had already set up a cultural unit, which holds such cultural programmes that would promote Indian culture. Besides, research works in different areas of Indian culture and arts performance being carried out in the said Unit.

The Foundation Day of the Samsad was duly observed on August 14, 2009. On this occasion a Wall-Magazine titled, "Sura-Sristi" with contributions from the students only was inaugurated.

This year the students of the Samsad achieved success in the debate competition organized by Ramkrishna Mission Institute of Culture, Golpark, Kolkata on December 2, 2009 and December 9, 2009.

As in previous years, this year also Samsad held its own Examination at Kolkata on December 4, 2009 - December 7, 2009 in 'Adya', 'Madhya' and 'Upadhi' in accordance with syllabus drawn by the topmost scholars in the country and Maharshi Sandipani Rashtriya Veda Vidya Pratishthan's annual examination was also organized in this time. The Examinations evoked keen interest and as many as 740 candidates from various districts appeared in the said examination.

### **Voluntary Services During Aila, 2009 :**

The Samsad recieved various materials of daily use (Like Clothes, Sarees etc.) from Rashtriya Sanskrit Samsthan (Deemed University), New Delhi for distribution amongst Aila effected victims. Same was handed over to Sri Ramakrishna Mission Institute of Culture, Golpark, Kolkata - 700 029 for distribution amongst the needy. In this regard, the voluntary job done by the Samsad was honoured by "Ekla-Nao", a voluntary organisation itself.

### **10.9 CALCUTTA MATHEMATICAL SOCIETY**

**AE-374, Sector-I, Salt Lake City**

**Kolkata - 700 064**

**Phone : (91) (033) 2337-8882**

**Fax : (91) (033) 2337-6290**

**E-Mail : cms@cal2.vsnl.net.in**

The Calcutta Mathematical Society (CMS) undertook various activities during the year 2009-2010, 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 with the financial support from the Government of India and Government of West Bengal. It is one of the oldest Mathematical Society of the World and is now recognized as International Center of Excellence.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### Major activities and achievements during 2009-2010 :

**Publication of Journals :** The Society published all its four internationally recognized series of journals namely “Bulletin of the Calcutta Mathematical Society”, “News Bulletin of the Calcutta Mathematical Society”, “Review Bulletin of the Calcutta Mathematical Society” and “Journal of the Calcutta Mathematical Society” for the year 2009 in time.

### Other Publications of the Society :

- Silver jubilee volume of the Calcutta Mathematical Society
- Golden jubilee volume(Part I & 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 2008
- Some Geometry of Euclidean  $n$ -space  $E_n$  including Curves and Hypersurface in it/ A. K. Roy

**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, China, Yugoslavia, Korea, France, 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 Bibhuti Bhusan Dutta,. Several valuable research papers of the eminent mathematicians of the world like Henry Poincare, W. H. Young, H. Lamb, G. H. Hardy, A. R. Forsyth, D. Smith, Meghnad Saha, C. V. Raman, S. Chandrasekhar, S. N. Bose and many others had been published in the Bulletin of the Calcutta Mathematical Society, which were bound and kept in the library.

### Academic activities

**Seminar & Symposia :** Society organized the following seminars during this period.

- ❖ 3-day National Seminar on “Mathematics Education and Research in India” was held during 6-8 September, 2009 to celebrate the 101st. Foundation day of the Society.

## CHAPTER - 10

- ❖ One –day Seminar to celebrate the birth anniversary of S. Ramanujan on 2<sup>nd</sup> January, 2010.
- ❖ One –day Seminar dedicated to the memory of Late Professor Prafulla Prasoon Chattopadhyay, former President , Calcutta Mathematical Society on 27<sup>th</sup> February,2010
- ❖ Two-day National Seminar on “Frontier of Mathematics and applications” (NSFMA-2010) was held during 27-28 March, 2010 with the financial support of Government of West Bengal and Govt. of India. More than one hundred mathematicians from different states of India participated in the seminar.

### Special lectures

Society organized special lectures by the renowned mathematicians for the benefit of the researchers and students. A special lecture was given by Professor T. Q. Binh (Univ. of Debrecen, Hungary) on 17.1.2010. The topic was “How is the Space Curve”.

### Awards & Scholarships

Different awards and scholarships from school level to research level were given during this period. Different training programmes were undertaken on a regular basis throughout the year to motivate and stimulate the students.

### 10.10 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

Institute of Science, Education and Culture is devoted to development and propagation of science, science education and science-based culture. **Science** embracing all facets of science such as pure science, technological science and medical science. (ISEC) functions with the broad objective of spreading awareness about education and science in general and scientific education in particular. Major goal of ISEC is the development and propagation of culture of science in India.

### Activities during the year 2009-2010

ISEC conducted various categories of science-related activities. Among these a few are enumerated below :

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### a) **Publication of the journal : Indian Science Cruiser :**

The journal **Indian Science Cruiser** – has earned a place of distinction amongst the scientific community of India and abroad. Indian scholars get the opportunity to publish their research work in India itself and they do not require to depend on other countries. At present Indian Science Cruiser is published five times a year in January, March, May, August and November. The content area of the matter is Feature Articles, Research Articles, Opinion of the Readers, News, Views, Conference Reports, Book Reviews, Survey Reports and healthy Editorial from a scholar, scientist and the like. Achievement and discovery of great scientists are also celebrated by ISEC and a report is published in Indian Science Cruiser.

National/International events are covered by way of articles in this journal for a wide circulation. The year 2009 was the International Year of Natural Fibres and for this ISEC has published one volume containing the articles on polymers and natural fibres. The following 5 issues have been published in this financial year :

**Indian Science Cruiser, Vol 23, No. 3, May 2009**

**Indian Science Cruiser, Vol 23, No. 4, August 2009**

**Indian Science Cruiser, Vol 23, No. 5, November 2009**

**Indian Science Cruiser, Vol 24, No. 1, January 2010**

**Indian Science Cruiser, Vol 24, No. 2, March 2010**

ISEC invites all to send their thought-provoking articles, news, etc for Indian Science Cruiser.

### **Seminar/Symposium/Lecture**

ISEC organizes at least three seminars on important topics at a suitable distribution throughout the year.

ISEC always celebrates the national/international important events by way of organizing seminars, special volume of journal etc. These following events have been covered during the year 2009-2010 :

- A full day lecture session was organized by ISEC on 20<sup>th</sup> June 2009 on a current and most valuable topic: “**Rainwater Harvesting**”. Several experts in this field participated as speakers and audience.
- To observe the year 2009 as the International Year of Natural Fibres – ISEC organized a full day national seminar on “**Developing Trends in Natural Fibres and their Applications**” on 21<sup>st</sup> November 2009.
- The year 2009 was the bicentenary of the great scientist Charles Darwin's birthday and 150 years of his great publication “The Origin of Species”. To pay homage to this great scientist, ISEC organized one full day national seminar on “**150 years of the Origin of Species – Looking back and ahead**” on 26<sup>th</sup> March 2010.



**Publication of Books**

Like previous years, this year also ISEC has published a book on “**Gems of Human Heritage: Our Scripts**” – authored by Dr. J P Chaudhuri.

**ISEC Library**

A modest technical library is under development with the books on Engineering, Education, Encyclopedia on diverse fields, and scientific magazines etc

**10.11 INSTITUTE OF DEVELOPMENT STUDIES KOLKATA**

**Calcutta University Alipore Campus,**

**1, Reformatory Street, 5th Floor,**

**Kolkata - 700 027**

**Tel : 91 (033) 2448-8178/2225, Fax : 91 (033) 2448-1364**

**Website : [www.idsk@edu.in](http://www.idsk@edu.in)**

**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.

**Important Activities during 2009-2010 :**

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 University Grants Commission(UGC) has sponsored the setting up of the Rabindranath Tagore Centre for Human Development Studies(RN Tagore CHDS) under the auspices of the IDSK through the University of Calcutta. The academic scheme of the Centre includes a programme for Ph.D students, post doctoral fellows and visiting academics at various levels.

In 2009, the RNTCHDS organized an international seminar on *China and India : Innovation, transformation, displacement and growth* between 21 and 23 December. Professor Sir James Mirrlees, Fellow of Trinity College, Cambridge and Nobel Laureate in Economics, 1996 delivered the inaugural address on *India and China: Economy class versus business class ?*

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

The RNTCHDS, in collaboration with the International Standing Conference for the History of Education (ISCHE), organized an international workshop on *Learning in the Past, Research Agendas for the Future: Connecting Histories of Education 1700-2000* from 3-5 February 2010.

### Research Programmes :

#### A. The programme on 'Gender, Empowerment and the State' funded by the Rosa Luxemburg Stiftung, Berlin

The project on **Gender, empowerment and the state** sponsored by the Rosa Luxemburg Foundation, Berlin and implemented by the scholars of IDSK in 2009 focussed on the role of the state in providing employment to women in West Bengal. To what extent this employment has promoted empowerment among women was also examined in detail. The scholars guided by Dr. Zakir Husain evaluated Group Based Poverty Alleviation Programmes, examined the question, 'Do Self Help Group really empower women?' and concentrated on the nature and utility of state sponsored development programmes. As the emphasis was on the role and functioning of the Self Help Groups, the research listed a number of measures in the conclusion which could improve the overall situation. Some such measures are (a) guarantee for marketing the products (b) pre-financing of unit purchase (c) quality management through appropriate injection of human and physical capital and (d) branding to provide assurance of product quality. The project report was submitted in December 2009.

The IDSK is at present engaged in the project **Improving health status of women in rural West Bengal** sponsored by the Rosa Luxemburg Foundation, Berlin.

#### B. The project on 'Documents on the economic history of British Rule in India 1858-1947

The Indian Council of Historical Research (ICHR) has appointed Professor Amiya Kumar Bagchi as General Editor of the project of compiling the basic documents on the economic history of India under British rule and Professor Arun Bandyopadhyay, Nurul Hasan Professor of History, Calcutta University, as Associate Editor of the project. Under the joint direction of the General and Associate Editors and the work of a team of research assistants of the project, the documents for Eastern India covering the period 1860s-1870s have been collected in a volume that was published by Manohar and released at IDSK on 31 March 2009. A second volume containing documents related to Eastern India during the 1880s and 1890s will be published by the middle of May 2010. The third volume, containing documents relating to Madras Presidency under British Rule during the 860s and 1870s is expected to be sent to the ICHR by the end of March 2010.

Dr Bhubanes Misra had compiled four volumes of railway documents pertaining to the period and these had been published by the ICHR. Under the revived project, Dr Misra was appointed as Editor in charge of the further volumes of railway documents, working under the guidance

of the General Editor. The fourth volume of the railway construction in India during 1858-1947 has been published in October 2009 and at present collection of documents for the forthcoming volumes from different archives and libraries is going on.

**C. MDG-based Poverty Reduction Strategy for West Bengal**

To help the planning processes in the states, UNDP, through the Indira Gandhi Institute of Development Research (IGIDR), Mumbai, as the nodal agency, commissioned MDG-based poverty reduction strategy papers for different Indian states. The present paper on West Bengal, prepared by Professor Achin Chakraborty and Dr. Subrata Mukherjee of IDSK, was submitted to IGIDR, and IGIDR shared it with the Department of Planning and Development, Government of West Bengal. The paper examines the poverty and deprivation situation in West Bengal in a multidimensional framework and explores possible strategies towards reduction of poverty in the state, keeping in view the Millennium Development Goals(MDGs). The MDGs consist of eight objectives within which there are specific targets to be achieved by 2015, covering income poverty, hunger, primary education, gender equality, child and maternal mortality, HIV/AIDS and other diseases, and environment sustainability. The MDG-based poverty reduction strategy therefore encompasses multiple dimensions of deprivation which include income poverty as only one of the dimensions of deprivation. Based on the analysis of recent trends in various indicators of poverty, food adequacy, health and health care, education and rural employment generation, a number of policy suggestions have been made.

**D. Possibilities of closer economic ties between India and Australia in capital goods Industries in the WTO regime**

The Institute has taken up a project on **Possibilities of closer economic ties between India and Australia in capital goods industries in the WTO regime** sponsored by Macquarie University, Sydney, Australia. Dr. Uttam Bhattacharya of IDSK is coordinating the project along with other researchers in India. Dr. Pundarik Mukhopadhyay of Macquarie University and Dr. P.K. Basu from the Charles Stuart University are in charge of the project at the Australian end. The objective of the project is to analyze the existing trade and industrial scenario of India and Australia since 1991. The possibilities of further economic collaborations in manufacturing areas between India and Australia have also been pointed out. This study has also tried to focus on the attitude of the manufacturers and traders towards foreign collaboration with special focus on Australia. As a part of the study the data and other information have been collected from manufacturers and traders working in and around Kolkata, West Bengal, Delhi, Mumbai, Maharashtra, Bangalore, Karnataka, Chennai, and Tamilnadu. The final report will be submitted by March 2010. There is a possibility of extending the project on bilateral economic relations..

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### **E. A Study Report on Mid-Term Appraisal of the 11<sup>th</sup> Five Year Plan of West Bengal**

The Planning Commission, Government of India assigned to the Institute of Development Studies Kolkata the task of preparing a Report on the performance of monitorable targets and flagship programmes for Mid-Term Appraisal of the 11<sup>th</sup> Five Year Plan of West Bengal. Dr. Panchanan Das has prepared the report under the guidance of Professor Amiya Kumar Bagchi. The report comprises of two studies. The first one, consisting of three chapters deals with the trends in monitorable indicators of West Bengal since the 9<sup>th</sup> Plan period and the second study, consisting of six chapter analyses the performance of flagship programmes in West Bengal. The report has been sent to Planning Commission in the first week of March 2010.

### **F. A Study Report on Mid-Term Appraisal of the 11<sup>th</sup> Five Year Plan of Tripura**

The Planning Commission, Government of India assigned to the Institute of Development Studies Kolkata the task of preparing a Report on the performance of monitorable targets and flagship programmes for Mid-Term Appraisal of the 11<sup>th</sup> Five Year Plan of Tripura. The study report has two parts. The first part traces the growth in the State Domestic Product and its various components in the recent years, analyses the progress that different sectors of the economy have made, and identify the problems they face. Besides the performance of the economy, the study also specifically deals with the health and education sectors. The second part analyses the progress in implementation of various central and centrally sponsored programmes.

## **III Collaborations**

### **a. Collaboration with the University of Calcutta**

In 2006, IDSK launched a multidisciplinary M.Phil programme in Development Studies, in collaboration with the Centre for Social Sciences and Humanities (CSSH), University of Calcutta. The M.Phil degree is conferred by the University of Calcutta. The first and second batch of M.Phil students (2006-08 and 2007-09) successfully completed their course and obtained their degrees. The third batch is busy in completing their dissertations and the fourth batch will complete their coursework very soon. The teaching faculty mainly consists of the IDSK faculty and the University faculty associated with CSSH.

### **b. 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

**c. Collaboration with Monash Asia Institute, Monash University, Australia**

The IDSK has entered into active collaboration with Monash Asia Institute in areas of public health and environmental studies with particular reference to climate change. A team from IDSK visited the Monash University during 23-28 August 2009 and went around the locations where the rural health components of Monash medical college and Community Health programmes were being implemented. In January 2010 Professor Gordon Whyte and Dr. Kerry Whyte visited IDSK and went to Birbhum and Bankura districts, to look at the functioning of the rural health system in areas with a high concentration of socio-economically disadvantaged population. The team took note of the work being carried out by the Liver Foundation led by Dr. Abhijit Chowdhury, in close collaboration with the district health service doctors, in improving the services provided by the so-called rural medical practitioners. In Bankura, the Monash-IDSK team visited two villages inhabited by the poor and marginalized groups and saw the work being done in the area of public health, especially on detection of anaemia among women of these communities, by a grass roots organization called Friends of Poor and Socially Abandoned, led by Dr. Prabir Lahiri, a scientist who works with Calcutta Medical College and University Science College. In the area of climate change, Monash Asia Institute has identified IDSK as a partner and will proceed for a plan where the research scholars of IDSK will carry out a study in the near future.

- d.** Memorandum of Understanding has also been signed with the Faculty of Economics, University of Siena, Italy and with the Institute of International Relations, University of Warsaw, Poland.

**IV. Conferences, Seminars and Workshops**

**A. Conferences and seminars**

A national conference on **Gender, Empowerment and the State** was held on 10 and 11 December 2009. This conference was a part of the project completed by the IDSK on the same subject and sponsored by the Rosa Luxemburg Foundation, Berlin. Research scholars and academics from Jaipur, Delhi, Thiruvananthapuram, Calicut, Patna, Hyderabad and Kolkata presented their papers at the conference.

**B. Workshops**

The IDSK organized a two-day workshop on 'Structural equation modeling' in collaboration with the department of economics, University of Calcutta on 20 and 21 July 2009. It was organized for those engaged in quantitative research in social and behavioural sciences.

The IDSK has collaborated with Pratichi Trust (India) under the academic leadership of Professor Amartya Sen, and organized a workshop on 15 February 2010, on 'Syllabus of

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

primary education of West Bengal'.

### C. Lectures delivered by visiting scholars

On 3 August 2009, Dr. Shailaja Fennell of Jesus College, Cambridge, UK gave a talk on 'Development studies in Cambridge'.

On 9 September 2009, Professor Jan Breman, Professor of University of Amsterdam, Netherlands delivered a talk on 'Great transformation in Asia'.

On 18 November 2009, Dr. Gordon Johnson, President, Wolfson College, University of Cambridge, UK delivered a lecture on 'Universities and society', organized by the Institute of Development Studies Kolkata in collaboration with Cambridge University Press.

On 4 December 2009, Dr. David Washbrook, St. Antony's College, Oxford and Trinity College, Cambridge, UK gave a talk on 'Excavating modernity: Conflicts and contradictions in colonialism'.

On 18 December 2009, Professor Ashwani Saith, Dean and Professor of Rural Economics of Institute of Social Studies, The Hague, The Netherlands and Professor of Development Studies, London School of Economics delivered the **Second Michael Sprinker Lecture** on 'Inequality: Reflections on a silent pandemic'.

On 29 December 2009, Dr. Golam S. Khan, School of Social Sciences, University of Western Sydney, Australia delivered a talk on 'Cultural distinctiveness between East and West Bengal Hindus following partition-migration during and after 1946-47'.

### V. Library

The **Library**, which 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 has a total collection of 8094 (processed) books till 23 February 2009 and subscribes to 42 foreign and 35 Indian journals, 712 government and 134 non-government reports. It has 231 digital documents. The library also contains the archives of Rosa Luxemburg projects which include reports, booklets, posters, pats or scroll paintings, CDs, DVDs, audio cassettes, catalogues, transparencies and fact sheets. The library also acquired 891 books and 5 foreign journals for Rabindranath Tagore Centre for Human Development Studies.

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, EPW online and Sage online for selected journals. The library is using SOUL (Software for University Libraries) for its ongoing automation activities. Currently the library has entered and processed 6207 documents in SOUL.

The Institute has been gifted with very valuable collections, that of the late Michael Sprinker, a leading radical literary theorist, Shri Gopal Krishna Gandhi, Governor of West Bengal, and also a collection of about 1900 books from Shri Parimal Dasgupta, a leading journalist.

**VI. Publications**

**A. Publications of IDSK**

**a. Book :**

*Indian Railway Acts and Rules 1849-1895: Railway Construction in India : Selected Documents (1832-1900)*, ed. Bhubanes Misra (General Editor: Amiya Kumar Bagchi) Vol. IV, Indian Council of Historical Research, 2009.

**b. Occasional Papers :**

No.17 *The Field Strikes Back: Decoding Narratives of Development* by Dipankar Sinha, March 2009

No.18 *Female Work Participation and Gender Differential in Earning in West Bengal* by Indrani Chakraborty and Achin Chakraborty, April 2009

No.19 *Rosa Luxemburg's Critique of Creativity and Culture* by Subhoranjan Dasgupta, May 2009

No.20 *MDG-Based Poverty Reduction Strategy for West Bengal* by Achin Chakraborty and Subrata Mukherjee, October 2009

No.21 *The Dialectical Core in Rosa Luxemburg's Vision of Democracy* by Subhoranjan Dasgupta, January 2010

**c. Working Paper :**

No. 4 *Maternal Anthropometry and Birth Outcome Among Bengalis in Kolkata* by Samiran Bisai, April 2009

**d. Report :**

*Gender, Empowerment and the State* prepared by Zakir Husain, Mousumi Dutta, Bidhan Kanti Das, Diganta Mukherjee and Subhoranjan Dasgupta, 2009.

*West Bengal Development Report* sponsored by the Planning Commission, Government of India and published by Academic Foundation, 2010.

## RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

### 10.12 BANGIYA SAHITYA PARISHAD

243/1, Acharyya Prafulla Chandra Road

Kolkata - 700 006

Ph. No. 2350-3743

President : Ramakanta Chakraborty

Secretary : Swapan Basu

Bangiya Sahitya Parishad was established in 1893. Its activities revolve around Granthashala (2.5 lakh books and periodicals), Punthoshala (60 thousand manuscripts), Chitrashala (Museum) and Prakashana (Publication). It receives financial assistance from Higher Education Department for salary of Parishad Employees, other maintainances, organising seminars, publication of Sahitya Parishad Patrikar and other publications. Seminars organised and publications undertaken by Bangiya Sahitya Parishad with the financial assistance of Higher Education Department are mentioned below:

#### Seminars

##### 2009-2010 : Seminars

1. Theatre Theke Group Teatre
2. Bangali Jibane Rabindranath
3. Srikrishna Kirtan Puthi Abiskarer Satabarsha
4. Bangla Puthi : Sanrakshan – O – Sampadana
5. Nil Bidroher Prekshapat
6. Bangla Nataka Ganer Kramabikash

#### Publication of Sahitya Parishat Patrika

2007-08 : two issues

2008-09 : two issues

2009-10 : one issue

#### Other Publicatons

Books Published : 1. Unish Sataker Streesiksha