UNIVERSITY GRANTS COMMISSION
BAHADUR SHA ZAFAR MARG
NEW DELHI - 110 002

REPORT OF THE EXPERT COMMITTEE WHICH VISITED ▆▆▆▆▆▆ ERA INSTITUTE OF TECHNOLOGY, DEHRADUN, ▆▆▆▆▆▆▆▆ ON 8th -9th FEBRUARY, 2008 FOR CONSIDERING CONFERMENT OF DEEMED TO BE UNIVERSITY STATUS IN THE NAME OF GRAPHIC ERA UNIVERSITY
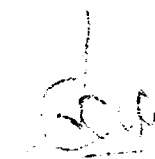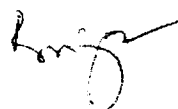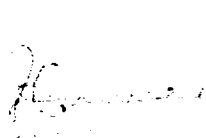
I.   INTRODUCTION

Graphic Era Institute of Technology, Dehradun, Uttarakhand had earlier applied for deemed to be university status under de-novo category through Ministry of Human Resource Development, Government of India.   Later on, the Institute requested UGC to consider its proposal under general category. Accordingly, the Chairman, UGC constituted an Expert Committee, comprising of the following, to make an on the spot assessment of the existing infrastructure and academic facilities and also of its future potential for considering conferment of deemed to be university status under Section 3 of the UGC Act, 1956:

1.	Prof. B.S. Sonde (Former Vice-Chancellor, Goa University) 274, Shree Ananth Nagar, Electronics City Bangalore, Karnataka.	Chairman
2.	Prof. V. Gangadhar Prof. of Commerce & Management and Vice-Chancellor Nalgonda University Nalgonda. AP.	Member
3.	Prof. O.P. Kandari Prof. of Tourism and Hotel Management and Vice-Chancellor Bundelkhand University, Jhansi, UP.	Member
4.	Prof. Gautam Barua Director, Indian Institute of Technology Guwahati, Assam	Member
5.	Prof. Sanjay G. Dhande Director, Indian Institute of Technology Kanpur, UP.	Member

6.	Prof. Padam Kumar Head, Institute Computer Centre Indian Institute of Technology, Roorkee Uttarakhand.	Member
7.	Prof. B.N. Garudachar (Former Dean) Osmania University, Hyderabad, A.P. Apartment No. 102, R and S Villa 27 18th Cross Road, Malleswaram West Bangalore, Karnataka.	Member
8.	Prof. P. Venkataram Dept. of Electrical Communication Engg. Indian Institute of Science Bangalore, Karnataka.	Member
9.	Prof. N. Alagumurthi Dept. of Mechanical Engineering Pondicherry Engineering College Pondicherry.(UT).	Member
10.	Dr. A.K. Asthana Principal JNTU College of Engineering Hyderabad, AP.	Member
11.	Prof. S.C. Saxena Director, Indian Institute of Technology Roorkee, Uttarakhand	AICTE Nominee

Prof. Gautam Barua and Prof. Sanjay G. Dhande could not attend the meeting due to prior commitments. All other members attended the meeting. Dr. K.P. Singh, Joint Secretary, UGC coordinated the visit. The Expert Committee visited the Institute on 8-9th February, 2008.
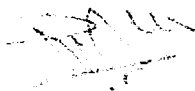
As per the directions received from Government of India, Ministry of Human Resource Development vide letter No. F. 1-31/2006-TS II dated 7th March, 2007, an AICTE team, comprising of the following, also visited the College on the same dates:

a.   Prof. S.C. Saxena   Chairman
     AICTE nominee on UGC Committee and
     Chairman, AICTE Committee

b.   Prof. S.C. Vaidya   Member
     Chairman & Dean
     University Business School
     Punjab University, Chandigarh

c.   Prof. Palanichamy   Member
     Vice-Chancellor
     T.N. Open University, Chennai, TN.

d.   Prof. Swadesh Gupta   Coordinator
     Advisor, AICTE

Prior to the actual validation and assessment of the Institute, Prof. B.S. Sonde, Chairman of the Committee and Dr. K.P. Singh, Coordinator of the visit briefed the members of the Expert Committee in a separate meeting about the proposal of the applicant institute received by the UGC for consideration for deemed university status. It was further informed that the proposal is for deemed university status to Graphic Era University, Dehradun, Uttarakhand comprising of Graphic Era Institute of Technology under the general category. Prof. B.S. Sonde then requested the members to visit the institute and to examine the infrastructure and other facilities available and give their observations / suggestions keeping in view the provisions in the UGC guidelines.

The Committee was received by Prof. Kamal Ghanshala, Chairman of the Institute, Members of the Graphic Era University Trust, other functionaries of the Institute and faculty members. A power point presentation was made by Prof. A.K. Baliga, Dean (Academics) about the Institution and its activities / programmes. Various queries raised by the Expert Committee were answered by Prof. Ghanshala, Prof. A.K. Baliga and other faculty members to the satisfaction of the Members. Thereafter, the Chairman of the Committee divided the Expert Committee in to five groups on the basis of their expertise and requested them to visit the Institute:

Group-I	Prof. B.S. Sonde Prof. Padam Kumar	Department of Electronics and Communication Engg., Electrical and Electronics Engg., Instrumentation & Control Engineering
Group-II	Prof. B.N. Garudachar Prof. P. Venkataraman	Computer Science, Information Technology, MCA
Group-III	Prof. N. Alagumurthi Prof. A.K. Asthana Prof. Palanichamy (AICTE Committee member)	Civil Engg., Mechanical Engineering
Group-IV	Prof. V. Gangadhar Prof. O.P. Kandari Prof. S.C. Vaidya (AICTE committee member)	MBA, Hotel Management
Group-V	Prof. S.C. Saxena Dr. K.P. Singh, UGC coordinator Dr. Swadesh Gupta, AICTE team coordinator	Verification of various documents

The common facilities like Administrative Building, Library, Computer Labs, Auditorium, Play Ground, Hostels, Seminar Hall, Auditorium, Canteen, Cafeteria etc., were visited by all members of the Committee.

II.   Background of the Institution

Graphic Era Institute of Technology was established in the year 1997 by Graphic Era Educational Society. The Institute is located in the city of Dehradun, Uttarakhand. The Institute is self-financing and approved by AICTE. It is affiliated to Uttaramchal Technical University, Dehradun for AICTE approved courses and HNB Garhwal University for non-AICTE approved courses.The Institute is recognized under section 2(f) of the UGC Act, 1956 and is certified with ISO 9001:2000.

The Graphic Era Education Society is the promoting body of the Institute. A separate trust in the name and style of Graphic Era University has been formed .

The institution is offering its academic programmes with 326 teachers and 4297 students through four streams of Study viz.:

- Engineering B. Tech. in seven branches and M. Tech. in CSE
- MCA
- Management MBA and BBA
- Hotel Management

Under the Sciences stream

- B Sc. (CS)
- B Sc (IT)
- M Sc (CS) and
- M Sc(IT)

Three Courses of Engineering - Computer Sc. & Engg, Information Technology, and Electronics & Communication Engg. have been accredited by NBA.

Master of Computer Application (MCA) and Master of Business Administration have also been accredited by NBA.

The Expert Committee had a detailed discussion with the Management of the Institute, Faculty and the students. The inspection report based on the discussion, visit to the Institute and various documents / information provided by the Institute is as under:

III. Inspection Report.

1. Headquarters of the Institute applied for Deemed to be University status with full address.

   Graphic Era University
   (Graphic Era Institute of Technology), 566/6, Bell Road, Clement Town, Dehradun (Uttarakhand)

2. (a) Whether the separate society/ trust have been registered in the name and style of the proposed deemed to be university.

   Yes

(b) If yes, name of the Society/Trust promoting the proposed institute(s) for Deemed to be University Status which should be one for all Institutions if the proposal is for more than one Institution.

**Graphic Era University Trust. (Book No. 4/236/281-286/1228 dtd. 10.10.2007).
A copy of the Trust Deed is enclosed as _Annexure-I_.**

3. Details of the individual Institution i.e. year of establishment, No of PG Departments, faculty (Professors, Readers, Lecturers) etc.

Year of establishment	:	1997
No. of PG Departments	:	Five

Details of departments & faculty

SN	Department	UG Course	PG Course	Faculty		
				P	R	L
i	Computer Science	1	1	6	9	12
ii	Information Technology Engg	1	-	6	10	18
iii	Electronics & Communication Engg	1	1*	9	12	22
iv	Mechanical Engg	1	1*	3	6	14
v	Electrical & Electronics Engg	1	-	4	5	10
vi	Instrumentation & Control Engg	1	-	2	2	6
vii	Civil Engineering	1	-	1	3	2
viii	Aeronautical Engineering	1*		**		
ix	Applied Electronics & Instrumentation	1*		**		
x	Computer Application					
	MCA		1	5	9	18
	BCA	1		4	13	16
xi	Management Studies					
	MBA		1	5	5	8
	BBA	1		4	9	23
xii	Hotel Management (BHMCT)	1	-	2	5	10
xiii	Science (B.Sc./ M. Sc. in Comp Sc.)	1	1	2	2	3
xiv	Science (B.Sc./ M.Sc. in IT)	1	1	1	9	11
	Total	12	5	54	99	173

* Already applied in AICTE and approval is awaited

** Faculty are Identified

Whether Movable and Immovable assets have been legally transferred in the name of the society/trust seeking recognition as Deemed to be University.

The parent trust has given an undertaking to the effect that all the assets of the Graphic Era Institute of Technology will be transferred to the Graphic Era University. A copy of the undertaking is enclosed as *Annexure-II*.

5.   Territorial jurisdiction of the institution
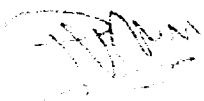
   All India

6.   Thrust Areas of the proposed Institution indicating special or innovative features

The thrust area of the Institution is to deliver education in conformity to the modern trends, industry oriented efficient and innovative curriculum, scientific methodology and latest techniques for the students of the backward hilly area of the newly created State of Uttarakhand. The Institution is striving to draw the use of the youth of the state of neighboring region to the main stream of life by providing career oriented professional and technical education. The Institution is situated in a region where in the level of women empowerment is considerably low and, therefore, the Institute is ready for providing professional technical and vocational for women. The aim of the institution is to emerge as a centre of excellence in Science, Engineering and Technology and Management areas.

The faculty is being encouraged to participate in Research and Academic development activities and to attend Workshop / Seminar / Conferences and training programmes at National and International levels.

To correlate the fast changing trends in the industry with present methodology of teaching, Graphic Era Institute of Technology have introduced very flexible PDP programmes for the faculty members which in turn after learning latest techniques, imparts the students to feel beyond par from the present stage. The main objectives are :

1. **To make suitable pedagogies so that student and the teacher feels the subject easy and takes interest in the subject.**

2. **To develop professional approach from the scratch among the students.**

3. **To encourage the students to set the goals and achieve them in well in time.**

4. **Institute has classrooms that are LCD projector enabled**

5. **Institute has computer laboratory that are online with LCD and Modern teaching aids**

Graphic Era Institute of Technology began with the mission to educate engineers and managers with the knowledge, skills and creativity to manage nation's enterprises with personal integrity and social responsibility and so to provide value to and for the organization for which they work. For this purpose, the institute strives for innovative techniques to impart education with the current and futuristic technologies:

1.   **Encourage Academic Excellence**

a. To create awareness among faculty and staff the need for educational innovative practices, Collaborative and Cooperative Learning.
b. To encourage to adopt a scientific approach to identify educational problems and find solutions thereof.
c. To encourage and provide incentive to try out innovative ideas and practices and to undertake research and experimentation directed towards improvement of different areas of education.
d. To provide a forum for to discuss innovation and results of the experimentation.

2. **Centre for Excellence**

a. Conduct programe, such as seminars, conferences, technical lectures, to create awareness amongst faculty, students on emerging areas of science and technology.
b. Develop industry interaction by Inviting corporate professionals to interact with the institute, to report on developments in the corporate world and give suggestions for improvement and new directions.
c. Encourage building interdisciplinary teams for R & D, innovation, and problem solving.
d. Support Entrepreneurship among students through Entrepreneur Development Cell.
e. Create a strong bond with Alumni through Alumni Interaction Forum.

7.   Date(s) of the visit of the Expert Committee

   8th-9th February, 2008

8.   Is the proposal under De-novo category; if yes, please give justification

   The proposal is under general category.

9.   Whether accredited by NAAC / NBA. If yes, rating?

   Being a technical Institution, all the eligible courses are accredited by NBA. A copy of the accreditation letter from NBA is enclosed as *Annexure – III.*

10. Whether the proposed institution(s) is affiliated to any university under Section 2(f) / 12-B of the UGC Act? If yes, the name of the University

    Yes. Uttarakhand Technical University, Dehradun for AICTE approved courses and HNB Garhwal University for other courses

11. Whether the affiliating university is willing to examine and confer degree or other awards to students already enrolled with the Institution seeking deemed to be university status

    Yes. Copy of the letter received from Uttarakhand Technical University and HNB Garhwal University enclosed as *Annexure-IV.*

12. Source of finance and quantum of funds available

    From fees
    From State Government
    From UGC
    From other sources (Details)

    From Fees only -   Rs. 19.50 crores – 2007-08

13. Whether the institution is financially and academically viable to run the institution as deemed to be university

    Yes

14. Receipt and expenditure of the institution for the last three years

    Income and Expenditure for the last three years. :

Year	Income (Rs in Lakhs)	Expenditure (Rs in Lakhs)	Operating Surplus (Rs in Lakhs)
2006-2007	1,776.31	1,102.50	+673.81
2005-2006	1,347.79	712.08	+635.71
2004-2005	1,204.35	620.92	+583.43

The Operating Surplus is being utilized towards Capital Expenditure.

Balance Sheets for the last three years are enclosed as *Annexure-V.*

15. Whether the permission from the concerned State Government has been obtained. If yes, please attach a copy of the permission letter / views of the Government

The institute has sent a letter to the State Government for their NOC. A copy of the letter is enclosed as *Annexure-VI.* The UGC has also requested the State Government of Uttarakhand to send its views on the proposal vide letter No. F. 43-2/2007(CPP-I) dated 30th October, 2007. The Commission in its meeting held on 13th August, 2004 resolved that the no objection certificate shall be sought from the concerned State Government and the affiliated university. However, if no reply is received within three months, their acceptance shall be taken as granted and the Commission may proceed with the processing of the proposal for giving the status of deemed to be university.

16. Details of UG/PG courses started / to be started.

The details are as under:-

SN	Courses	UG Course	PG Course	Approved Student Intake	
				UG	**PG**
i	Computer Sc. and Engg				
	PG (M. Tech.)		1		18
	UG (B. Tech.)	1		120+6*	
ii	Information Technology	1	-	120+6*	
iii	Electronics & Communication Engg				
	PG (M. Tech.)		1**		18**
	UG (B. Tech.)	1		120+6*	
iv	Mechanical Engg				
	PG (M. Tech.)		1**		18**
	UG (B. Tech.)	1		60+3*	
v	Electrical & Electronics Engg	1	-	60+3*	
vi	Instrumentation & Control Engg	1	-	30+2*	
vii	Civil Engg.	1	-	60+3*	
viii	Aeronautical Engineering	1**		60**	
ix	Applied Electronics & Instrumentation	1**		60**	
x	Computer Application				
	MCA		1		180+9*
	BCA	1		240+2*	
	PGDM		1**	60**	
xi	Management Studies				

	MBA		1		150+8*
	BBA	1		240	
xii	Hotel Management (BHMCT)	1	-	60+3*	
xiii	Graphic Era Institute of Sciences				
	M. Sc.(CS)		1		15
	B.Sc. (CS)	1		60	
	M.Sc. (IT)		1		30
	B.Sc. (IT)	1		120	
	Total	**12**	**5**		

Kashmiri Migrant   * *Already applied in AICTE and approval is awaited*

Courses proposed to be started for which proposals have been sent to AICTE:-

M.Tech   VLSI CADD, Embedded Systems

B.Tech   Bio-medical Science, Biotechnology, Automation & Robotics

M.Sc.   Bio-medical, Biotechnology

Applied Art   Fashion & Apparel Designing, Interior Designing

17.   Whether the institute has Rs. 5 Crore corpus Funds for Engineering Technology, Rs. 3 crore for Science & Social Science and Rs. 5 crore Corpus Funds for conducting both types of Programmes. Please specify and indicate the amount after verifying the Corpus Fund.

Yes. FDR in the name of Graphic Era University for Rs. 5 crore vide FDR A/c no. 117500PR00037473 dated 08.02.2008 Punjab National Bank, Kaulagarh Road, Dehradun.

A copy of the FDR is enclosed as *Annexure-VII.*

18.   Whether various authorities and bodies of the Institute are in accordance with the provisions of the UGC Guidelines.

MoA / Rules are as per UGC model. A copy of the MoA / Rules is enclosed as *Annexure-VIII.*

INFRASTRUCTURE: (give details)

19. Details of buildings

  i. Permanent
  ii. Temporary/Lease property
  iii. Administrative 1000 sq. mts.
  iv. Academic including Library building 3000 sq. mts.
  v. Some teachers residence and a faculty guest house for at least 10 persons. Music/room for performing arts etc.

All the Buildings are permanent. Other details are as under :-

Academic / Administrative area	**26,800.47 Sq. Mts.**
Hostels	**12,260.20 Sq. Mts.**
Residential Area	**5189.51 Sq. Mts.**
Guest House (for 19 persons)	**905.78 Sq. Mts.**
Total constructed area	**45156.59 Sq. Mts.**

Details are at *Annexure-IX*.

20. Land if acquired, Whether documents verified/land registered in the name of the institution and its location.

All the land is in the name of the parent society. The society has given undertaking to transfer the assets in the name of the proposed deemed university. Documents verified. Details are at *Annexure-X*.

21. No. of laboratories. Give details

The Institute has 46 laboratories having covered area of 10399 Sq. Mts. The details are as under:-

	ENGINEERING LABS	
1	Physics Lab	130 Sq. Mtrs
2	Chemistry Lab	127 Sq. Mtrs
	Deptt. of CS & IT	
3	Computer Lab 1	310 Sq. Mtrs
4	Computer lab 2	245 Sq. Mtrs
5	Computer lab 3	310 Sq. Mtrs
6	R & D Lab	102 Sq. Mtrs
7	IBM Lab	141 Sq. Mtrs
	Deptt. of Electrical & Electronics	
8	Basic Electrical Engg. Lab	135 Sq. Mtrs
9	Network Lab	130 Sq. Mtrs

10	Measurement Lab	130 Sq. Mtrs
11	Electromechanical Energy conversion Lab-1	103 Sq. Mtrs
12	Electromechanical Energy conversion Lab-2	103 Sq. Mtrs
13	Electrical Machine Lab	141 Sq. Mtrs
14	Control System Lab	141 Sq. Mtrs
15	Power Electronics Lab	127 Sq. Mtrs
	Deptt. of Electronics & Communication	
16	Electronics Lab	130 Sq. Mtrs
17	Communication Lab	130 Sq. Mtrs
18	Electronics Workshop & PCB Lab	125 Sq. Mtrs
19	Digital Integrated Lab	135 Sq. Mtrs
20	Analog Integrated Circuit Lab	135 Sq. Mtrs
21	Analog Communication Lab	130 Sq. Mtrs
22	Microprocessor Lab	135 Sq. Mtrs
23	Digital Communication Lab	130 Sq. Mtrs
24	Orcad Lab	159 Sq. Mtrs
25	Microwave & Optical Communication Lab	135 Sq. Mtrs
26	Project Lab	130 Sq. Mtrs
	Deptt. of Mechanical Engg.	
27	Fluid Mechanical Lab	179 Sq. Mtrs
28	Material Science Lab	179 Sq. Mtrs
29	Measurement & Meterology Lab	179 Sq. Mtrs
30	Applied Thermodynamics	179 Sq. Mtrs
31	Machine Design Lab	179 Sq. Mtrs
32	Mechanics of Machines Lab	179 Sq. Mtrs
33	Manufacturing Science Lab	179 Sq. Mtrs
34	Heat and Mass Transfer Lab	179 Sq. Mtrs
35	Refrigeration & AC Lab	179 Sq. Mtrs
36	CADD/ CAM Lab	179 Sq. Mtrs
37	Automobile Lab	215 Sq. Mtrs
38	Workshop Practice Lab	850 Sq. Mtrs
	(Covering- Fitting shop, Smithy shop, Welding shop, Manufacturing science lab, Sheet metal shop and Foundry)	
	Deptt. of Instrumentation & Control Engg.	
39	Microcontroller Lab	135 Sq. Mtrs
40	Telemetry Lab	130 Sq. Mtrs
41	Transducer Lab	130 Sq. Mtrs
	MCA LAB	
42	Computer Lab	923 Sq. Mtrs
	MBA LAB	
43	Computer Lab	316 Sq. Mtrs
	BHMCT LAB	
44	Computer Lab	135 Sq. Mtrs
	Kitchen	

45	Restaurant	1542 Sq. Mtrs
	House keeping	
	Sicence Department	
46	BBA,BCA,MSC-IT MSC-CS Computer Lab	186 Sq. Mtrs
	Total area of Labs	**10399 Sq. Mtrs**

22. Whether students already admitted, if yes give details course-wise

Yes. Details are as under:-

SN	Departments	Students enrolled during academic year					
		2005-06		2006-07		2007-08	
		UG	PG	UG	PG	UG	PG
i	Computer Engg	60+18		60+18		120+6*	18
ii	Information Technology Engg	90+1*		90+2*		120+6*	
iii	Electronics & Communication Engg	120+1*		120+6*		120+6*	
iv	Mechanical Engg	60+1*		60+1*		60+3*	
v	Electrical & Electronics Engg	60+1*		60+1*		60+3*	
vi	Instrumentation & Control Engg	30+1*		30		30+2*	
vii	Civil Engg.					60+3*	
viii	Aeronautical Engineering**						
ix	Applied Electronics & Instrumentation**						
x	Computer Application (BCA & MCA)	148	120+1*	180+1*	150+1*	240+2*	180+9*
xi	Management Studies (BBA & MBA)	120+1*	118	180+1*	120+6*	238	150+8*
xii	Hotel Management (BHMCT)	60+1*		60+3*		60+3*	
Xiii	Computer Sciences (B.Sc./ M. Sc.)					40	15
xiv	Sciences (B.Sc./ M.Sc. in IT)			84	8	120	23
	Total	773	239	957	285	1302	403

Kashmiri Migrant

**Already applied in AICTE and approval is awaited*

23. Hostel facilities, give details

The Institute has wholly owned, on campus Hostels, having total covered area 12260.20 Sq. Mtr.
For Boys –3 hostels
For Girls – 4 hostels
Total Capacity - 1200 students

24.   No. of class rooms

The institute has 60 class rooms. Adequate class rooms/tutorial rooms are available as per the norms of AICTE for each course

25. Whether institute has auditorium

Yes.

Auditorium: Main Auditorium has area of 821.00 Sq.Mtrs
The Institute has Conference Halls as detailed below:-

i) 3 Assembly Halls	438.00 Sq.Mtrs
ii) Panel Room	83.00 Sq.Mtrs
iii) 3 Conference Hall	429.90 Sq.Mtrs
iv) 2 Seminar Hall	292.00 Sq.Mtrs
v) Syndicate Room	81.29 Sq.Mtrs
vi) 2 Review Room	132.00 Sq.Mtrs
vii) Cabinet Room	69.67 Sq.Mtrs
Total area	1424.96 Sq. Mtrs

LIBRARY & EQUIPMENT

26.   Area in Sq. Meters

1345.42 Sq. Mts.

27.   Number of Journals

a. National
b. International

National   –   60
International -   86

Total   146

28.   Is it digital Libarry

Yes. E-journals likeIEEE, Xplore from AICTE, INDEST and Elserver.com have been subscribed

29.   Does it have reprographic and bar-coding facilities

Yes

15

30. Whether Equipment, Books and Journals are worth Rs. 50 lakhs

Yes

31. Books and Equipments - give details

Books   - 47688 books 6493 titles.
Equipment   - Total Equipment cost – Rs. 132,316,571/-

FACULTY AND OTHER STAFF

32. Whether teaching staff appointed, if yes give details

Yes. List of teaching staff is enclosed as *Annexure-XI.*

Faculty is appointed in accordance with the AICTE guidelines. Advertisement is given in the National newspapers. Interviews and selections are done by the committee comprising of external Subject experts, University nominee, Director, Internal subject expert, Management Representative.

33. Whether the Institute has five departments – each Department having one Professor two Readers and adequate number of Lecturers along with necessary supplementary staff. If so, please give details department – wise.

The Institute has 16 Departments (12 UG and 5 PG). Details are as under:-

SN	Departments	Faculty status					
		P		R		L	
		Sanctioned	Available	Sanctioned	Available	Sanctioned	Available
i	Computer Science	5	6	8	9	11	12
ii	Information Technology	3	6	6	10	17	18
iii	Electronics & Communication Engg	4	9	8	12	24	22
iv	Mechanical Engineering	3	3	6	6	14	14
v	Electrical & Electronics Engg	2	4	6	5	8	10
vi	Instrumentation & Control Engg	1	2	2	2	5	6
vii	Civil Engineering	1	1	1	3	2	2
viii	Aeronautical Engineering	**					
ix	Applied Electronics & Instrumentation	**					

x	MCA	3	5	5	9	22	18
xi	BCA	4	4	13	13	16	16
xii	MBA	2	5	4	5	12	8
xiii	BBA	4	4	9	9	23	23
xiv	BHMCT	1	2	4	5	11	10
xv	Science (B.Sc./ M. Sc. Comp Sci)	1	2	2	2	3	3
xvi	Science (B.Sc./ M.Sc. in IT)	2	1	7	9	11	11
	Total		54		99		173

Already applied in AICTE and approval is awaited   **Faculty are identified*

34. Whether the Institute is giving pay scale to teachers as prescribed by UGC. If not, is the institute proposed to bring teachers pay scales at per the University teachers?

   The following are the Scales are given to teachers with
   Professor: 16400-450-20900-500-22900
   Readers: 12000-420-18300
   Lecturer: 8000-275-13500

   50% Merged Basic + 35% of Merged Basic DA + 15% of Merged Basic HRA.

   Example: In the Professor Scale at basic of 16400 the total salary is evaluated as below.
   50% Merged Basic: 24600.00
   35% of Merged Basic DA: 8610.00
   15% of Merged Basic HRA: 3690.00
   Total 36900.00

   The institute has also given an undertaking that the UGC scales would be given after it is declared as Deemed University. (Annexure-XII).

35. Whether Non-teaching staff appointed, if yes, give details

   Yes. List of non-teaching staff is enclosed as Annexure-XIII.

36. Is the Institute running Distance Education Programme. If yes, has it been approved by DEC/UGC

   No

37. Whether the Institution established any off campus or study centre or admission centre outside the State of its jurisdiction. Please specify.

   No

17

38. Whether the Institution has undertaken any research activities, if so, please give details

Yes. Details are as under:

Research Activities undertaken during the last 3 years

Sl. No.	Name of the Institution	Name of the Faculty/Dept	No. of Research Projects Completed/ In progress (details to be enclosed as annexure - IV)	Sponsoring Agency	No. of Research Papers Published in refreed journals (details to be enclosed as annexure - V)	Value (Rs. In lakhs)
1	GEIT(Engg.) *	Mr. Namit Khanduja/Mr. Devesh Pratap Singh/IT	1	M/s. AMOGEO ITeS Solutions	-	2.05
2	GEIT(Engg.) *	Mr. D. R. Gangodkar/Mr. Amit Upadhyay/CSE	1	M/s. AMOGEO ITeS Solutions	-	3.00
3	GEIT(Engg.) *	Mr. A Baliga/Mr. Brijesh Kumar/ECE	1	M/s. Pravda Engineers	-	0.75
4	GEIT(Engg.) *	Dr. B. S. Jassal/Dr. R Gowri/ECE	1	M/s. Vidyut Yantra Udyog Ltd., Modinagar	-	1.25
5	GEIT(Engg.) *	Dr. Archana Joshi	1	M/s. Uttarakhand State Council for Science & Technology, Dehradun	-	6.98
6	GEIT(Engg.) *	Prof. R. Gowri/ECE	1	M/s. Vidyut Yantra Udyog Ltd	1	1.25
7	GEIT(Engg.) *	Prof. A. K. Baliga /ECE	1	M/s. Vidyut Yantra Udyog Ltd	-	0.75
8	GEIT(Engg.) *	Prof. S. R. Khanduja & Mr. G. S. Kalra/ME	6	M/s. Steel World/ S.S. Fabrication, Dehradun	-	3.00
9	GEIT(Engg.) *	Prof. B. S. Jassal /ECE	1	M/s. Dass Electronics Dehradun	-	1.25
10	GEIT(Engg.) *	Prof. D. R.Gangodkar /CSE	1	M/s. Dass Electronics Dehradun	2	0.77

11	GEIT(Engg.) *	Mr. A. B. Garg/CSE	1	(FDP from) AICTE, New Delhi	6	2.00
12	GEIT(Engg.) *	Dr. A. K. Soni/CSE	1	M/s. Uttarakhand State Council for Science & Technology, Dehradun	-	0.65
13	GEIT(Engg.) *	Dr. Gowri/Ms. Shalini Singh/Mr. S. C. Yadav/ECE	1	M/s. OPTO Electronics, Dehradun	-	NIL
14	GEIT(Engg.) *	Mr. G. S. Kalra/Mr. Sanjay Sharma/Mr. Gaurav Singh/ME	1	M/s. OPTO Electronics, Dehradun	-	NIL
15	GEIT(Engg.) *	Prof. S. R. Chaudhury/EN	-	-	8	NIL
16	GEIT(Engg.) *	Mr. Rajesh Kumar/IC	-	-	12	NIL
17	GEIT(Engg.) *	Mr. Brijesh Kumar/ECE	-	-	8	NIL
18	GEIT(Engg.) *	Prof. H. C. Mehndiratta/CE	-	-	1	NIL
19	GEIT (MBA)	Dr. M. P. Singh/Mr. Manish Kumar	1	Environment Protection Campaign	-	0.25
20	GEIT (MBA)	Mr. M. P. Singh/Mr. Arvind Mohan	1	Awareness about family planning tools	-	0.25
21	GEIT (MBA)	Mr. Praveen Singh/Mr. Ashiah Sharma	1	Awareness about environment protection issues	-	0.25
22	GEIT (MBA)	Mr. Anil Dhasmana/Mrs. Shradha Mathpal	1	Awareness about environment protection issues	-	0.25
23	GEIT (MBA)	Mrs. Dilraj Wadhawa/Mr. Ashish Uniyal	1	Awareness about family planning tools in Dehradun	-	0.25
24	GEIT (MBA)	Mr. M. P. Singh/Mr. Manish Kumar	1	Environment protection initiatives in Dehradun	-	0.25

25	GEIT (MBA)	Mr. M. P. Singh/Mr. Manish Kumar/Mr. Arvind Mohan	1	M/s. SKJ Enterprises for training managerial skills and using management tools to the employees (2006-2007)		5.00
26	GEIT (MBA)	Mr. M. P. Singh/Mr. Manish Kumar/Mr. Arvind Mohan	1	M/s. SKJ Enterprises for training managerial skills and using management tools to the employees (2007-2008)		5.00
27	GEIT (MCA)	Mr. A. S. Shukla/Mr. Anil Mohan	1	Shiksharthi.com website of M/s. Sarmang Software	-	2.00
28	GEIT (MCA)	Mr. S. C. Dimri/Mr. Mukesh Nautiyal	3	1. e-billing system enhancement, 2. EBS_Electssarentp.com 3. Essarent.com for M/s. Technosoft Consultants	-	1.75
29	GEIT (MCA)	Mr. Navneet Gaur/Mrs. Madhu Gaur	1	TMS Outage Analyser	-	0.50
30	GEIT (MCA)	Mr. Navneet Gaur/Mrs. Madhu Gaur	1	TMS Voucher Manager	-	0.25
31	GEIT (MCA)	Mr. Navneet Gaur/Mrs. Madhu Gaur	1	www.ayurvedheritiage.org	-	0.25
32	GEIT (MCA)	Mr. Navneet Gaur/Mrs. Madhu Gaur	1	www.decide_career.com	-	0.25
33	GEIT (MCA)	Prof. Kamal Ghanshala/ Mr. Vineet Sood	1	HNB Garhwal University	-	17.00
34	GEIT (MCA)	Prof. Kamal Ghanshala/ Mr. A. P. S. Sood	1	Kumaon University	-	7.88
	TOTAL		37		38	65.08

GEIT(Engg.)* - Graphic Era Institute of Technology (Engineering)

List of the faculty pursuing Ph.D. is enclosed as *Annexure-XIV*.

Consultancy :-

Year	Name of the Client	Title of the Project	Value (Consolidated)
2000, 2001, 2002 & 2003	Kumaon University, Nainital	Automated students registration and result processing system	Rs. 3152000/-
2000 and 2001	HNB Garhwal University, Srinagar	Automated students registration and result processing system	Rs. 34,0000/-
2005-2006	ERP Package, Client Management system	SJK Enterprizes, Dehradun	Rs. 5,0000/-

39. Whether the faculty members organized or attended International/National Conferences/Workshops, if so, give details

- **Various faculty members have attended and presented their papers in the National and International Conferences**
- **AICTE Sponsored Staff Development Programs have been conducted by the institution**
- **First Indian Hospitality and Tourism Congress was held by the Department of Hotel Management.**
- **Workshops/Seminars by Academicians and Industry are conducted on regular basis.**

A list of the Seminar / workshop conducted in the year 2007-08 and attended by the faculty is enclosed as *Annexure-XV*.

40. Other facilities available at the institute (give details) which are necessary to support Deemed University status

The facilities available are:-

- **Excellent Infrastructure**
- **Well equipped Research Cell**
- **Excellent computing facilities**
- **Books rich library.**
- **24 x 7, 2 Mbps Internet facility through leased RF link.**
- **Wi-fi enabled campus**
- **Banking facility.**
- **Post Office facility within 500 mts.**
- **Medical facilities with one permanent doctor**
- **Language Lab**

- **Transport facility**
- **Tuck Shop**
- **Reprographic Facilities**

41. Fee Structure: give details

Annual fees charged as below:
- **B Tech.:**   **Rs. 53,000/-**
- **BHMCT**   **Rs. 60,000/-**
- **M. Tech.**   **Rs. 40,000/-**
- **MCA**   **Rs. 65,000/-**
- **MBA**   **Rs. 65,000/-**
- **BBA**   **Rs. 30,000/-**

   Sciences
- **B. Sc (IT)/B Sc (CS)/BBA/BCA**   **Rs 30,000/-**
- **M. Sc.(CS)/M. Sc.(IT)**   **Rs 50,000/-**

42. Admission Policy/Procedure in brief

   Admission to the courses is done in accordance with the norms laid down by the Uttarakhand State Government and affiliating universities for various courses.

   Admissions are made through entrance tests viz.
   - **Engineering : AIEEE,**
   - **Computer Application : UTUEE,**
   - **BHMCT –Entrance Test**
   - **Management : MAT**
   - **Sciences: Entrance Test**

43. Examination system in brief

   Examinations are conducted under the supervision and guidelines laid down by the affiliating universities.

44. Whether the institute is following standards / norms as prescribed by statutory councils like AICTE, MCI etc. as the case may be in respect of professional courses

   Yes

45. Whether the institute has given necessary undertakings / assurance as per UGC guidelines; please attach the same

   Necessary undertakings are enclosed as *Annexure-XVI.*

46. Placement record of the Institute

Placement Record

Course	Year	No. of students appeared	No. of students passed	No. of students placed
B.Tech	2007	338	338	142
MCA	2007	94	94	52
MBA	2007	114	114	79
BCA/BBA	2007	144	144	35
B.Tech	2008	433	Appearing	251
MCA	2008	119	Appearing	37
MBA	2008	124	Appearing	44
BCA/BBA	2008	240	Appearing	25
B.Tech	2009	451	Appearing	93
MCA	2009	147	Appearing	14

47. Teacher Student Ratio

Total No. of Teachers – 326
Total No. of Students – 4297

Teacher – student ratio – 1: 13.17

48. Result of the Institute

A statement is enclosed as *Annexure-XVII*.

Observations of the Committee

As a result of the on-the-spot visit to Graphic Era Institute of Technology, Dehradun, Uttarakhand and the discussions which the Committee had with the Chairman of the Governing Council, Prof. Kamal Ghanshala and members as well as major stake holders such as Deans, Heads of Departments, Faculty Members, Support Staff, Students, Alumni and Parents, its observations are as follows:-

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I. General

(a) Although established only in the year 1997 as a small entity, the Institute has progressed at a remarkable pace in the last decade and is now a reputed institute of technology in the State of Uttarakhand, attracting students and faculty from the State and also from different parts of the country.

(b) Through its vision to serve the community by empowering the youth with knowledge; its goals – both in the long and the short terms; its focus on quality in all its activities and a number of academic programmes it conducts, the Institute is already as good as a centre of excellence under its affiliating Universities, viz., Uttarakhand Technical University and HNB Garhwal University.

(c) Appreciable entrepreneurship, high level of knowledge and competency in technical subjects like computers and Information Technology, extraordinary leadership skills, hard work backed by sustained efforts, high order of commitment, dedication and easy approachability of Prof. Kamal Ghanshala have made Graphic Era Institute of Technology, a role model in higher education in the state endeared, respected and admired by the public.

II. Specific

(a) The objectives of the Institute are clear and well thought out. The Institute is already providing opportunities for quality technical education, research, scientific & industrial consultancy, continuing education and extension services.

(b) The Institute is in existence as Graphic Era Institute of Technology for a period of more than 10 years.

(c) The Institute is self-financing type with proven administrative, managerial and financial capabilities to meet its needs of maintenance and development.

(d) The Institute has its campus located on its own land in a picturesque setting on the outskirts of Dehradun, with well planned, aesthetically designed permanent buildings satisfying the norms and standards of AICTE, the concerned Statutory Council.

(e) The Institute has five PG programmes namely MBA, MCA, M.Tech (CSE), M.Sc. (IT) and M.Sc. (CS), all of which are functional and staffed satisfactorily.

(f) The Institute has demonstrated its financial viability satisfactorily and its accounting practices, balance sheets and audited statements seems to be in order.

(g) The Institute has invested well in equipment and facilities in its departments meeting the norms and standards of AICTE and most of the laboratories have state of the art / modern equipment. The Institute has trained technical staff to maintain the equipment, which is a good measure considering the remoteness of its location.
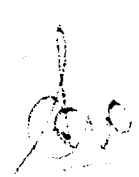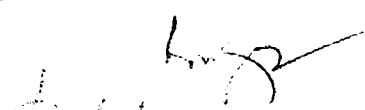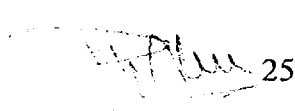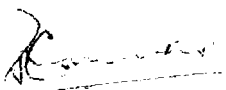
(h) Although the Institution has been making efforts to take up research and development in a number of areas, the success rate so far seems to be limited. This appears to be because many of its faculty members are young and yet being trained for research work by encouraging them to register for Ph.D. degree. It was a pleasure to learn that 27 faculty members have been deputed by the Institute for Ph.D. at leading Institutions. It is expected that on return, they would be able to accelerate this work.

(i) The Institute has been encouraging its faculty members to take up sponsored R & D work from Government agencies and industries. A few projects have been taken up so far and interesting results obtained. However, this work needs to be given a further push in the coming years.

(j) Some of the interesting partnership activities of the Institute are with leading IT companies such as Microsoft Technologies, IBM Technologies and Syntel. In addition, the Committee was pleased to see the MoU executed by the Institute with some small and medium enterprises, to enhance its R & D activities.

(k) The Institute admits students only through AIEEE conducted by CBSE, and all the admissions including management quota (15%) are based on merit. At present, 35% of student admissions are on all India basis and the remaining (50%) being from Uttarakhand, as per the prevailing practice in the State. However, the Institute sees no difficulty to follow the UGC requirement of all students being admitted on all India basis, if 'deemed university' status is conferred on it.

(l) The Institute has received accreditation from NBA for all its eligible programmes, viz., 5, and has already applied for accreditation of 2 additional programmes which will become eligible in June, 2008. All the accredited programmes are in the validity period.

(m) The Institute has introduced many innovative practices in imparting education, particularly going beyond the syllabus in course work, emphasis on practical work, modern teaching-learning practices, conducting students' projects with industry cooperation, emphasis on communication skills, personality development and entrepreneurship etc., leading to a high level of satisfaction among students, alumni and parents.

(n) The Institute has been following a transparent faculty / staff recruitment policy as per State Government norms, attracting good faculty / staff. The faculty receive salaries as per AICTE norms.

(o) The Institute has demonstrated potential for enhancing its R & D work and making more significant contribution in application oriented programmes.

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III. Other

(a) It was interesting for the Committee to note that the Chairman of the Trust is himself a senior academic taking up teaching assignments at the Institute on a regular basis and has also taken up research training to advance his knowledge and capabilities. This is highly commendable.

(b) The Institute has an healthy practice of inviting senior professionals from R & D laboratories and industries on a regular basis to motivate the students and faculty.

(c) The Institution has good placement record particularly in the Computer Science and IT areas and has been attracting leading companies to come to the campus year after year for the purpose of placement.

(d) The Institute has taken many steps for introducing several healthy practices in education which are mostly found in leading institutions in the country.

Recommendations of the Committee

Considering the quality and quantity of educational initiatives, activities and achievements of Graphic Era Institute of Technology in a span of just about 10 years, the Committee is pleased to make the following recommendations:-

1. The Institute has matured to a satisfactory level for being conferred the status of Deemed-to-be-University under Section 3 of the UGC Act.

2. The pointers to this recommendation are :

   a. The level, the student response and the success of its UG and PG programmes.
   b. The quality of its research work and its potential for further progress.
   c. Vibrant collaboration and interaction with industry and R & D laboratories.
   d. Wide range of extension activities pursued through faculty and student involvement.
   e. The excellent preparations made at the Institute through various measures taken to upgrade its academic and research activities.

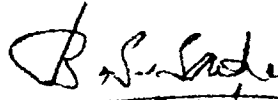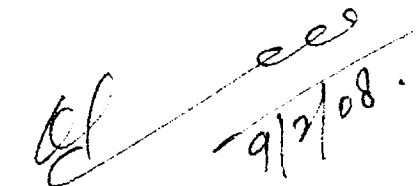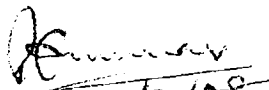3. The Institute has demonstrated its capabilities for becoming a leading centre in technical education and research in the State of Uttarakhand. However, the Institution needs to pay more attention in the coming years to enhance its scope and achievements in the areas of Post Graduate education and research. Besides, it has to give a further fillip to faculty development and related issues so as to be at the current state of the art and lead professional education in a significant way.

Taking a holistic view of the activities and achievements of the Institute, the Expert Committee unanimously recommends conferment of Deemed University status on Graphic Era University, Dehradun, Uttarakhand comprising of Graphic Era Institute of Technology. The Committee also recommends a review of its activities and progress after five years.

(Prof. B.S. Sonde)
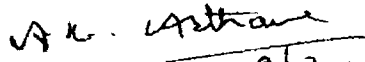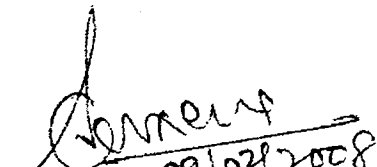**Chairman**

(Prof. V. Gangadhar)

(Prof. O.P. Kandari)

(Prof. Padam Kumar)

(Prof. B.N. Garudadhar)

(Prof. P. Venkataram)

(Prof. N. Alagumurthi)

(Dr. A.K. Asthana)

(Prof. S.C. Saxena)
AICTE nominee

February 9ᵗʰ, 2008
Dehradun, Uttarakhand