

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Format for Compliance Report for the year 2009-10 to be submitted alongwith Mandatory Disclosure

- *Last date of submission of Compliance Report – 31/08/2008*
- *Compliance Report to be submitted at the concerned Regional Office.*
- *Alongwith Data Sheet for extension of approval*



All India Council For Technical Education
7th Floor Chanderlok Building, Janpath, New Delhi - 110001

Phone: (011) 23724151 to 23724157 Fax: (011) 23724162/74/76

Website: www.aicte.ernet.in

Important information for filling up the compliance report

- *The institution is required to submit two copies of the Compliance Report as per prescribed format along with mandatory disclosure to the concerned Regional Office latest by 31st August 2008.*
- *The Compliance Report should be submitted alongwith a processing fee of Rs. 50,000/- in the form of demand draft in the favour of Member Secretary, AICTE, payable at New Delhi. The compliance reports without the processing fee will not be accepted.*
- *The information in the compliance report should be filled up strictly as per the prescribed format. Compliance Reports with incomplete information will not be accepted.*
- *All the annexures should be indexed with page numbers and signed by the authorized signatory of the institution.*

FORMAT FOR COMPLIANCE REPORT

All the existing technical institutions are required to submit the following information both in the form of hard and soft copy by 31/08/2009.

1 i) Name and Address of the Institution

Name		
Address	Permanent Location as approved by AICTE	Temporary Location (if applicable)
Village		
Taluk	PSP Area, Sector-22, Rohini	
District	Delhi	
Pin Code	110085	
State	Delhi	
STD Code	011	Phone No: 27582095, 65151163
Fax No.	27582095	E-Mail: mait@mait.ac.in
Nearest Rly Station	New Delhi	
Nearest Airport	Delhi	
Web site	www.mait.ac.in	
File No with date of first approval : 765-61-208(E)/ET/99 9 th September 1999		

1 ii) Information regarding Mandatory Disclosure:

- a) Whether the Mandatory Disclosure is hoisted on the institutional website: Yes No
- b) If yes, web-site address on which Mandatory Disclosure is available: www.mait.ac.in
- c) Whether the faculty information provided in the Mandatory Disclosure is same as being submitted in the Compliance Report. Yes No
- d) Whether the information provided in the Mandatory Disclosure is being regularly updated. Yes No , Date on which the Mandatory Disclosure was last updated: December 2007

1 iii) Whether the institution is operating at temporary location (if so provide details of permanent location alongwith survey no.)?

Not Applicable. Institute is operating from permanent location details at pare 1 (1) above

2 i) Name and Address of the Society / Trust

Name	MAHARAJA AGRASEN TECHNICAL EDUCATION SOCIETY (Regd.)		
Address	KESHAV KUNJ 10/4, EAST PUNJABI BAGH, NEW DELHI		
Pin	110026	STD Code	011
Phone No.	28314455	Fax No.	-
E-Mail	nandk_garg@yahoo.com	Web site	mait.ac.in

2 ii) Brief details regarding background of the Trust/Society, Governing body members, etc.

Background of the Trust/Society

Maharaja Agrasen Technical Education Society, setup in 1998 has established Maharaja Agrasen Institute of Technology in Delhi. It is a Philanthropic Society whose members include well-known Industrialists, Businessmen, Professionals, Educationists and members of Indian Administrative Services. The people associated with the Society are engaged in rendering social services in Delhi and Haryana by establishing hospitals and educational institutions of which Maharaja Agrasen Institute of Technology is the latest in series. The members of the society are committed to provide the investment needed for the education with global competitiveness. No compromise is made in ensuring the high quality of engineering education in the Institute. The members are committed to the values ushered in by Maharaja Agrasen more than five thousand years ago. Through the technical programmes and advanced laboratories, not only technical skills are being sharpened as required by the wide spread impact of Information Technology, but also a conscious foundation is being laid to educate and nurture the qualities of good citizenship to uphold those social and moral values, as exemplified by the contribution of Social reconstruction of Maharaja Agrasen.

GOVERNING BODY

MAIT in term of the provision of status 24 (iii) (c) of GGSIP University Maharaja Agrasen Institute of Technology has constituted a Governing Body to administered the affairs of the Institute and has the following compositions.

1. Chairman, President of the Society
2. 5 persons nominated by the trust in accordance with the guidelines prescribed.
3. 3 teachers representatives from among the regular teachers of the college
4. One representative of Government of Delhi from Department of Training and Technical Education
5. Member Secretary
6. Nominee of AICTE
7. One representative of Industry

List of the Members of the Governing Body is attached herewith : **Appendix : A**

3 Name and Designation of the Head of the Institution (*Principal / Director*)

Name	Prof. M.L. Goyal				
Designation	Director	Qualification: Ph.D .	Highest Degree	Specialization	Total Experience
		Experience : 36 yrs	Ph.D	(Computer Science)	36 yrs
		Date of Birth: 24.11.1948			
STD Code	011	Phone No. (O) 65151163	Fax No.	011-27582095	
STD Code	011	Phone No. (R)	Fax No.		
E-Mail	mlgoyal@gmail.com	Mobile No. : 09810293264	Date of joining the institution: 11th Sep. 2008		

4. **Type of Technical Institution (Tick ✓ whichever is applicable)**

- | | | |
|------|--|-------------------------------------|
| i) | University Dept./Constituent College of University/Deemed to be University | <input type="checkbox"/> |
| ii) | Central / State Government | <input type="checkbox"/> |
| iii) | Government Aided | <input type="checkbox"/> |
| iv) | Self-Financing (Minority) | <input type="checkbox"/> |
| v) | Self-Financing (Non-Minority) | <input checked="" type="checkbox"/> |
| vi) | Any other (Please specify) | <input type="checkbox"/> |

5. **Information on Establishment of the Institution**

- | | | |
|----|--|--|
| 1. | Year of Establishment | <u>1 999</u> |
| 2. | Date on which first approval was accorded by the Council | <u>9th September 1999</u> |
| 3. | Year of Commencement of the first batch | <u>1999</u> |
| 4. | Details of Last extension letter with year of approval | <u>AICTE Letter No. 765-61-208(E)/ET/99
dated 30.06.2009</u> |

6. **Whether there is any change of Name of the Institution, Society / Trust and Location of the Institution after AICTE approval? If yes, enclose details**

- | | | | | | |
|------|--|-----|--------------------------|----|-------------------------------------|
| i) | Whether the name of the Society has been changed
If yes, give details | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| ii) | Whether the composition of the Society has been changed
If yes, give details | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| iii) | Whether the name of the Institution has been changed
If yes, give details | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |
| iv) | Whether the Institution is functioning at temporary site
If yes, give details | Yes | <input type="checkbox"/> | No | <input checked="" type="checkbox"/> |

v) Whether the Institution has changed its permanent location Yes No

If yes, give details

7. i) **Whether there is any Court Case filed by the Institution against AICTE which is in progress?** (Please tick (√) appropriate box)

Yes No

If yes, then give details with name of the Court, Writ Petition No. Subject Matter and Latest Status.

7. ii) **Whether there is any case of Malpractices / Complaints/ or being penalized on account of non-submission of compliance within the cut-off-date, making excess admissions etc. against the Institution ? if yes, provide details**

There is no case

8. Name and Address of the Affiliating University

Name	GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY		
Address	KASHMERE GATE DELHI-110006		
Pin Code	110006	Period of Affiliation	2004-2005
STD Code	011	Phone No.	23862856, 23869313-14-15-16
Fax No.	23865942	E-Mail	http://ipu.ac.in

9. i) AICTE approved existing course(s) of study during academic year 2009-2010

1st Shift

			AICTE Approved Intake during last 4 years								Status of Accreditation (Validity period)
Courses	1 st Year of approval by AICTE (give approval ref. no. & date)	2009-10		2008-2009		2007-2008		2006-2007			
		Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions		
UG(F T)	Computer Science and Engg.	1999 F.NO. 765-61-208(E)/ET/99 Dt. 09.09.1999	120	Likely to fill 120	120	117	120	115	120	119	
	Information Technology	2001 F.NO. 765-61-208(E)/ET/95 Dt. 03.07.2001	60	Likely to fill 60	60	60	60	59	60	60	
	Electronics & Communication Engg.	1999 F.NO. 765-61-208(E)/ET/99 Dt. 09.09.1999	120	Likely to fill 120	120	117	120	119	120	120	Accredited by AICTE on 4 th May 2007 for 03 years
	Mechanical and Automation Engg.	1999 F.NO. 765-61-208(E)/ET/99 Dt. 09.09.1999	120+1* keshmer e migrant (KM)	Likely to fill 120+1	120+1	116	120+1)	114	60+1* (KM)	60	Accredited by AICTE on 4 th May 2007 for 03 years
	Electrical and Electronics Engg.	2004 F.NO. 765-61-208(E)/ET/99 Dr. 25.06.2004	60	Likely to fill 60	60	55	60	59	60	60	
	Total		480		480	465	480	480	420	420	
	MBA	2004 F.NO. 765-61-208(E)/ET/99 DT. 25.06.2004	60	Likely to fill 60	60	60	60	60	60	60	60
		60	60	60	60	60	57	60	52		

FT: Full Time, PT: Part Time

Signature of Authorized Signatory with date

2nd Shift start from 2009-10

Sl.No.	AICTE 1 st Approval	Course	Sanctioned Intake	Actual Admissions
1	06/05/II-E&T/2009 dated 30.06.2009	Computer Science and Engineering	60	Likely to fill 60
2		Mechanical and Automation Engineering	60	Likely to fill 60

To start M.Tech., affiliation from GGSIP University is awaited.

9. ii) Whether any excess admissions over and above the sanctioned strength are made ? If yes, give details.

S. No.	Courses	Sanctioned Intake 2009-2010	Actual Admissions	No. of Excess Admissions	Reasons
NIL					

9 iii) Is the Institution offering M. Phil or a Doctoral programmes ? if yes, give details

S. No.	Program	Specialization	Intake
Not applicable			

10. i) Whether the Institution is sharing its facilities / premises with any other Institution or running any unapproved Programmes? If yes, give details.

Yes No

A. Name of the other Institutions, which are sharing the facilities

B. Unapproved course(s) functioning in the college premises, its duration and intake

S. No.	Courses	Approving Authority	Affiliating Body	Degree / Diploma / Certificate	Duration (Years)	Sanctioned Intake	Actual Admissions during 2008-09
NOT APPLICABLE							

10 ii) Whether admissions under PIO / Foreign Nationals quota has been approved for your institution by the AICTE? If yes, give details.

S. No.	Courses	Sanctioned Intake 2009-2010	Actual Admissions
Not Applicable			

11. Status of Compliance of Specific Conditions / Deficiencies Communicated in the Last Approval/Extension of Approval by AICTE.

S.No.	Deficiencies Communicated / Specific Conditions	Compliance Report
1	Sr. Level faculty in cadre ratio in respect of MBA programme as per AICTE norms should be appointed	Complied with

12 (i) Particulars of the Full Time Principal/Director of the Institution

Name : Prof. (Dr.) M. L. Goyal

Date of Birth : 24th November 1948

Work Experience : 37 years

Academic Qualification (with field of specialization):

B.E. (Electrical), M.E. (Electrical)
Master of Applied Science (Computer Science)
Ph.D. (Computer Science)

Details of Experience (Academic/Industrial) : **Bio Data Attached as APPENDIX - B**

12 ii) (a) *Faculty Position for the existing programme(s) (Programme-wise)

Name of the Programme (UG & PG)	Total Sanctioned Intake (last 4 yrs. for Engg./Arch./HMCT/ Pharmacy/ Applied Arts etc. , last 3 yrs. for MCA and last 2 yrs. for MBA/ PGDBM)	Total number of Faculty required as per norms (column 2 divided by 15)	Details of Faculty Available	Nature of Appointment
Refer Appendix C				

***NOTE: The institution should clearly give information about the faculty in each approved course(s) separately without any ambiguity.**

12 ii) (b) Details of the Full Time Teaching Faculty exclusively appointed and working for the AICTE approved programme with designation, date of birth, qualification alongwith class / division obtained, experience, date of joining and pay scale (Programme wise).

Name of the Course	S. No.	Name (s) of the Teaching Faculty	Designation (Lecturer/ Asst. Professor/ Professor)	Qualifications with field of specialization with class / division of passing			Date of Birth	Experience a) Teaching b) Industry c) Research			Date of Joining the Institution	Gross total salary as on date with scale & Basic pay	PAN Number	P.F. A/c No.
				UG	PG	Doct orate		a	b	c				
UG Level	Refer APPEXDIX -C										As per Annexure-2-4	As per form 16 attached		

Important Note:

- 1. The institution is required to submit:**
 - i. A statement signed by each faculty member stating that he / she has been appointed and is working exclusively for the AICTE approved programme in the institution.**
 - ii. An affidavit from the Chairman of the Trust / Society / Director of the institution stating that faculty members mentioned in the section 12 of the compliance report are exclusively teaching for the AICTE approved programme / institution.**
- 2. The faculty in Humanities & Sciences / General subjects should be specifically mentioned.**

12 ii) (c) Information about stability of the Faculty (separately for each Programme).

S. No.	Programme	Category	Period of appointment				Total
			Less than 6 Months	Between 6 Months to 1 year	Between 2 to 3 years	More than 3 years	
		Professors	-	-	-	2	01
		Assistant Prof.	-	01	-	-	01
		Lecturers	04	04	5	10	23
		Others					

12 ii) (d) Mode of selection of faculty and staff: Through Selection Committee

Name of the newspapers in which advertisements are placed and their circulation status

- a. Times of India

**Constitution of the selection committee
As per the norms of GGSIP University**

Whether University representative is invited in the selection committee meeting.

Yes No

12 ii) (e) **Details of Technical / Administrative / supporting Staff**

S.No	Category Staff	Number
1	Technical Supporting Staff a) Workshop Attendant b) Workshop Technician c) Laboratory Assistant d) Librarian e) Assistant Librarian f) Programmer g) System Analyst h) Others (Computer Lab in-charge, Lab Attendant etc)	Refer APPENDIX –D
2	Administrative Staff a) Administrative Officer b) Accounts Officer/Assistant Account Officer c) Clerks d) Others	

13. **Strengths & Weaknesses of the institution in terms of Teaching Methodology/Transaction of Syllabus /Innovations /best practices (if any)/ industrial project / Industrial consultancy / research taken up for industry and amount granted thereby:**

Strengths

Teaching Methodology:

The teaching programme for each semester is split into three terms. The Lesson Plans are prepared giving details of the topics to be covered in each Lecture and specifically for each one of the terms. Two tests are held during the Semester, one at the end of 1st term (6 weeks) and the second at the end of 2nd term (6 weeks). The results of these tests are utilized for continuous evaluation along with assignments which is given by the teachers. The Lesson Plans are distributed to the students.

To prepare the students for Communication Skills and make habits for self-learning, the students are given topics for presentation for each subject starting from First Semester itself.

In practical classes, the students are asked to simulate atleast one experiment on computer in all Practical subjects in addition to the normal experiments.

Final years projects have won no. of prizes in the Project competitions in past two years conducted by GGIP University.

The student's projects have also won awards in competitions on All India basis.

Research:

Faculty is engaged in various research activities detailed below:

1. Performance studies: Cutting forces, temperature of tool tip, interface Power Consumption & off line parameters surface roughness, tool wear, tool life are being conducted on CNC machined parts using Robust design techniques for optimizing. Expert software shall be used for modeling cryogenic machining & cry organic treated tools. The comparison will be done by using Finite Element Analysis and Artificial Neural Network techniques.
2. Studies are being conducted for finding solutions to effective information retrieval of text documents concentrating on different aspects of text mining. A Quick Text Retrieval Algorithm supporting synonyms based on Fuzzy Logic has been designed.
3. (a) Study has been conducted for making a tape slit die using M.S and further extrude bio- degradable thermoplastic through it.

(b) The research work involves development of an artificially intelligent above knee leg.

The work aims at providing a low mechatronics solution to the masses in our country and further transfer the technology. Artificial intelligence is to be further introduced to give a near to normal feel to the amputee.

4. Research is being conducted in the supply chain management related issues of the manufacturing systems where Advanced Manufacturing Technologies are being used. Questionnaire related to issues, related to SCM and AMT has been sent to 180 selected manufacturing Industries. Their answers are awaited, and are expected to be collected before Feb.2006. these data will be processed using AHP/ANP, ISM and ANOVA methodologies.

5.

SCADA – Supervisory Control and Data Acquisition system has been designed for Power Distribution System. Intelligent Techniques have been employed for pre-processing the data at R.T.U.

A user friendly control center has been designed along with Intelligent Electronic Device as replacement for R.T.U.

6. One of the PAH namely Phenanthrene bounded by Respirable Particulate Matter (RSPM) was measured in the ambient air at a sensitive site in South-West Delhi. The site was located near a busy road. In a month long study during summers, samples were collected on filter paper using 'High Volume Sampler'. These samplers were analyzed for the concentration of Respirable Suspended Particulate Matter using the standard US-EPA methodology. Further the filter paper was chemically treated and extracts were analyzed for

Phenanthrene, using Gas Chromatograph. It was also concluded that a correlation exists between the concentration of RSPM and Phenanthrene.

7. Work is being carried out in rapid proto-typing as means of Rapid manufacturing to carry out good quality of Selective Laser Sintering (SLS) parts. SLS is a layered manufacturing technology involving many process parameters to be controlled and optimized to get desired quality in SLS parts. Study of various forms of Rapid manufacturing of parts is going on. Effect of various parameters on part quality has to be studied.
8. Work is being carried out in development of Maximum Power Point Tracker for extraction of maximum power from solar PV panel in Real Time. Issues being addressed are trade-off between dynamics & Steady State Oscillations and drift.
9. It is proposed to establish Physio-chemical properties of various alternate fuels/fuel blends for use in the combustion engines. Experimental studies will be carried out to appropriately modify and optimize the combustion engine fuelling and firing system. Engine Exhaust characteristics will be studied. Suitable computer programme will be developed for theoretical prediction of performance of Engine.

Weakness:

1. Though adequate no. of books & Journals are available in the library but these are housed in one of the Academic blocks as the library are still under construction.
2. Staff quarters are still to be constructed.
3. Though the teacher to student ratio is as per prescribed norms i.e 1:15, still the positions at higher level are difficult to fill because of non-availability of qualified persons. It is a national problem. Attention of AICTE is drawn to evolve a National Policy in order to fill this gap. It requires a long term policy having substantial inputs.

Therefore, we are availing the services of distinguished and dedicated retired faculty to fill the gap.

14. Students data and pass % since last three years.

S.No.	Course	Year	Sanctioned Intake	Students Admitted	Students Passed out in first attempt	% of Students passed in first attempt	% of Students passing out with Distinction	% of Students with 1st Division	% of Students with IInd Division
01	CSE	2004-08	90	99	75	76	75	25	00
02	ECE	2004-08	120	131	110	84	76	24	00
03	MAE	2004-08	60	65	40	61.5	73	27	00
04	IT	2004-08	60	64	55	86	67	33	00
05	EEE	2004-08	60	66	42	64	42	57	00
01	CSE	2003-07	60	66	62	94	56	44	
02	ECE	2003-07	60	66	62	94	45	55	
03	MAE	2003-07	60	65	60	90	40	60	
04	IT	2003-07	60	64	59	98	68	32	
01	CSE	2002-06	45	54	40	75	51	49	-
02	ECE	2002-06	45	52	46	82	29	70	03
03	MAE	2002-06	45	45	31	86	22	78	01
04	IT	2002-06	30	34	40	74	51	49	00
01	MBA	2005-07	60	60	50	83.88	40	83.33	00
	MBA	2006-08	60	57	57	100	45.61	54..38	00

* Including students admitted in lateral entry.

15. i) Provide details of companies/Industries, which visited the institute for placement since the last three years.

S.No.	Year	Name of the Company/Industry	Number of Students placed
1	2007	Sapient	52
2		Infosys	37
3		Accenture	29
4		I -flex Solutions	21
5		Satyam	15
6		L&T Infotech	13
7		HCL Technologies	13
8		Syntel	11
9		Tech Mahindra	10
10		Aztec Soft	10
11		HCL Comnet	05
12		Keane (India)	04
13		Mahindra and Mahindra	04

14		JBM	04
15		Wipro Technologies	03
16		Tata Chemical	02
17		Birla Soft	02
18		Panasonic	02
19		Convergys	01
20		I- Gate	01
21		Motherson Sumi	01
22		Persistent	01
23		Libsys	01
24		Nsys	01
25		Mobera	01
26		Caritor	01
27		Verizon	01
28		Daikin Air-Conditioning	01
29		Virutal Wite	01
30		Studio Smile	01
1	2008	TCS	133
2		HCL	99
3		Satyam	45
4		Accenture	26
5		Infosys	25
6		Sapient	18
7		I-Flex Solution	21
8		CSC	14
9		LnT Infotech	11
10		Mphasis	10
11		Zensar	06
12		Tata Power	05
13		L&T	05
14		nSys	03
15		Birla Soft	02
16		Syntel	02
17		Persistent	02
18		NIIT	02
19		SMS Demag	02
20		Microsoft	02
21		IBM	01
22		L&T (S&L)	01
23		Mahindra & Mahindra	01
24		TCL	01
25		JBM	01
26		BP ERGO	01
27		Tata Elxsi	01
28		Samsung	01
29		Neomatrix	01
30		Areva	01
31		Huwei	01

32		Motorola	01
33		Tata (Ensys)	01
34		Aricent	01
35		Navy	8
36		Indian Air Force	13
1	2009	TCS	105
2		HCL	48
3		INFOSYS	52
4		ACCENTURE	46
5		SAPIENT	17
6		I-FLEX	15
7		CSC	21
8		AppNetix TECHNO PVT. LTD.	01
9		INDIAN AIR FORCE	7
10		INDIAN NAVY	9
11		INDIAN ARMY	11
12		WYVIL SYSTEMS INC.	07
13		ESCORTS LIMITED	1
14		TCTSL	06
15		HUAWEI	2

16. Utilization status of grants received under various schemes of AICTE (R&D, MODROB, Faculty development, IIPC etc for the last three years).

S.No	Name of the Scheme(s)	Grant sanctioned (Amount & Date)	Grant utilized	Whether utilization certificate submitted, if yes amount for which submitted	Major impact
1	National Conference on Energy , Communication & Computer System NC-ECC 2006	Rs. 50,000/- Sanctioned by AICTE 1-4/FD/SEM/57 / 2005-2006 dated 02.04.2006	Fully utilized and utilization cash receipt sent to AICTE New Delhi	Yes for Rs. 1,80,326/- that was our total expenditure	Conference was attended by 60 delegate from National level Institute & PSU Engineers & Faculty from AICTE Approved Colleges. Impact was immense & appreciated by all.
2	National Level workshop cum Seminar on Soft Computing Techniques Dec. 11-21/2007	Rs. 75,000/- from GGSIP University F.s (197)/Misc./IPU/6549 dated 08.11.2007	Fully utilized and utilization certificate sent to GGSIPU and AICTE	Yes for Rs. 2,49,616/ to GGSIP and for Rs. 1,50,410 to AICTE	National Level workshop cum Seminar was attended by 150 delegates from National Level Institutes, PSU, and Engineers Impact was Immense and we received high appreciation.
3.	Staff Development programme on Power Station and Control from July 20 th to 31 st July 2009	Rs. 2.5 lacs by AICTE	Fully utilized	Yet to submit	Faculty from various states from India having experience of less than 5 yrs were benefited by the lectures of renowned professors and industrialist who were expert in their own field

17. Library facilities

- A Total area of the library : 12700 sq. ft.
- B Seating capacity of the library : 250 students
- C Reprographic facility (yes / No) : Yes (ON Payment basis)
- D Working hours of library : 8 :00 AM to 8:00 PM
- E Library Networking facility (yes / No) ; Yes
- F Usage data of the library (in terms of books issued to the faculty & students etc.) : Refer appendix VII of mandatory disclosure
- G Annual library budget (% of annual student fee collected)
- H Details of the library staff with qualifications and pay scales : **APPENDIX-E**
- I Details of the library facilities Refer appendix VII of mandatory disclosure

S.No	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	CSE/IT	980	4244	27	10
2	ECE/EE	148	2584		
3	MAE	1200	5135		
4	EEE	525	4011		
5	MAE	984	3080		

Subscribed e-Journals i.e. 280+37

18. Details of Laboratories & Workshops

S.No	Name of the Course	Name of the laboratory/workshop	Total Area of lab/workshop	Major equipment
Appendix-IX of the Mandatory Disclosure refer				

**19. Computing Facilities
INTERNET FACILITY**

Computer Facilities for the existing programme(s)

INTERNET FACILITY

S.No.	Particulars	Requirements as per Norms (1:4 for Engg., 1:6 for Pharmacy/ HMCT/Arch./Applied Arts and 1:2 for MBA/MCA)		Availability	
1.	No. of Computer Terminals			631	
2.	Hardware Specification				
	<ul style="list-style-type: none"> Server/P-IV/Latest Configuration 			631	
3.	No of terminals of LAN/WAN			All Terminals 631	
4.	Relevant Legal Software	Application	System	Application Details given below	System Details given below
5.	Peripheral(s)/ Printers			72	
6.	Internet Accessibility (in Kbps & hrs.)			4 Mbps RF Link & 6 Mbps Leased Line, 24 Hrs. accessibility including Hostel	

DETAILS OF COMPUTER SOFTWARES

Relevant Legal Software <ul style="list-style-type: none"> System Software 	<ul style="list-style-type: none"> Windows 2003 Server MS BackOffice 4.5 NT Server 4.0 Window 98 SE Windows 2000 Server Windows 2000 Professional Windows XP Pro. Windows Vista ultimate SCO Unix 5.0.5 Red Hat Linux 7.1,7.2 & 9.0
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<ul style="list-style-type: none"> • Application Software 	<ul style="list-style-type: none"> ○ Red Hat Enterprises Linux ES ○ Red Hat Enterprises Linux 5 Adv. Server ○ Mandrake Linux ○ SUSE Linux ○ Sun Solaris 8 & 10 (x86) ○ MS Office 2000 & 2003 & 2007 enterprise ○ Star Office 7 (Open SW) ○ Open Office (Open SW) ○ Borland Turbo C/C++ Ver. 3.0/4.5 ○ Adobe PageMaker 6.5 ○ Adobe Acrobat Professional ○ Adobe Creative Suite 3 Master Collection ○ SUN Java Web Server ○ Norton Internet Security Pack 2002 ○ Norton System Works 2003 ○ Symantec Antivirus ○ Trend Micro Ent. Suite ○ KasperSky Internet Security 6.0 ○ PCELIEN ○ McAfee AVSS ○ Macromedia Flash MX ○ Macromedia Studio MX ○ Oracle 9i, 10g ○ MySQL (Open SW)) ○ MSDN Academic Alliance 7.0 Win 32 Engg. ○ Kaspersky Business Space Security (500 users).
<p>Project Development & Management</p>	<ul style="list-style-type: none"> ○ Visual Studio 6.0 Pro. & Ent. Version ○ Visual Studio .NET ○ Oracle Internet Developer Suite ○ Rational Enterprise Suite (Seed Pkg.) ○ Maya Unlimited 6.5 ○ Maya Unlimited 8.5 ○ cPanel & WHM 11 ○ PRAMATI STUDIO & SERVER (J2EE Development Tool)

<ul style="list-style-type: none"> • Others 	<p style="text-align: center;"><u>SOFTWARE HELD WITH EEE DEPARTMENT</u></p> <p>1. ETAP(5.5.6 Version) - Power System Simulation Software Modules :</p> <ul style="list-style-type: none"> ○ Load Flow Studies
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		<ul style="list-style-type: none"> ○ Short Circuit Analysis ○ Harmonic Analysis ○ Transient Analysis ○ Stability Analysis etc
2.	Lab View(8.5 Version) Software(Real	<p>- Advance Instrumentation</p> <p>Time Data Simulation Software) Modules :</p> <ul style="list-style-type: none"> ➤ Embedded Design ➤ Control Design and Simulation ➤ Image and Signal Processing ➤ Industrial Monitoring and Control ➤ Software Development ➤ Development Report Generation & Data Storage
3.	PSIM(6.0 Version)	<p>- Power Electronics</p> <ul style="list-style-type: none"> □ With PSIM's interactive simulation capability, we can change parameter values and view voltages/currents in the middle of a simulation. It is like having a virtual test bench running on your computer. □ We can design and simulate digital power supplies using PSIM's Digital Control Module. The digital control can be implemented in either block diagram or custom C code. □ PSIM has a built-in C compiler which allows us to enter your own C code into PSIM without compiling. This makes it very easy and flexible to implement your own function or control methods. □ We can use the Thermal Module to calculate semiconductor device losses (conduction losses and switching losses) based on the device information from manufacturers' datasheet.

<p>Relevant Legal Software</p> <p>Application Software</p>	<p>4. MAT LAB(6.1 Version) -Advance Control System , Control Engg., Electrical Science, Circuit & Systems</p> <p>5. LADSIM - UEE Lab</p> <ul style="list-style-type: none"> • LADSIM - Ladder Logic Editor and • Programmable Logic Controller Simulator • LADSIM is a fully-functional Ladder Logic • Editor and PLC Simulator that incorporates all • the basic functions used in PLC Programming <p style="text-align: center;"><u>SOFTWARE HELD WITH MAE DEPARTMENT</u></p> <p>Mechanical CAD :</p> <ul style="list-style-type: none"> • AutoCAD 2000 & 2002 & 2008 • ProEngineer 2001 • Ladsim • Bytronic (MAB) • PLC Cross Talk SW • CNC Train • Mechatronics • Robotics • Workspace • Esprit CAM • MAT LAB • Solid works <p style="text-align: center;"><u>SOFTWARE HELD WITH ECE DEPARTMENT</u></p> <ul style="list-style-type: none"> ○ Tanner 9.2 (S- Edit and L-Edit) ○ Maxplus-II 10.2 and Quartus II 2.2 (VHDL simulator and synthesizer)from Altera ○ Xilinx 4.1(VHDL simulator and synthesizer) ○ FPGA Express(verilog simulator)/FPGA synthesizer) from Aldec ○ Orcad 9.1 (VHDL simulator) ○ Multisim 2001 ○ Comsim 2001 ○ MATLAB 6.1 ○ Signal processing toolbox 5.1 ○ Filter Design Toolbox 2.1 ○ Simulink 4.1 ○ DSP Blockset 4.1
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System & Application Software	Library SoftLink Accounts Tally 6.3 eis
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Whether the computer facilities are suitable for the existing programmes ? Yes No

20. Building

1. Available Built up area per student : More than the required norms

2. Total Built up Area for the existing programme(s)

Particulars	Area required as per norms (Sq.M)		Building with RCC Roof (Sq.M)	Building with Sheet Roof (if suitable for Educational Institution) (Sq.M)	Total sanctioned intake (last 4 yrs. for Engg./Pharmacy/ HMCT/ Arch. etc. 2 yrs. MBA/ PGDBM and 3 yrs. for MCA)	Built up area per student	Total Area Available (Sq.M)
	B.Tech	MBA					
						1800	
Instructional Area (Carpet Area)	6	5	17570.112	NIL	B.Tech 1800	11.7= 21060	
Administrative Area (Carpet Area)	1	1	1918.000	NIL	MBA : 120	120x10.4= 1248	
Amenities (Carpet Area)	2	2	5465.240	NIL			
Circulation & Others	2.7	2.4	Part of the area above	NIL			
Total	11.7	10.4	24953.352	NIL		22308.00	*24953.352

Auditorium measuring 2350 sqmt. is in advance stage of completion

21. Instructional Area for the existing programme(s)

Particulars	Number of rooms		Carpet area of each room	
	Requirement as per norms	Available in the institution	Requirement as per norms	Available in the Institution (Sq.M)
Class Rooms	22	22	72	1872
Tutorial Hall	19	19	36	684
Drawing Hall (*)	1	02	72, 170	242
Computer Centre	1	12	72	864
Library	1	1	72, 170	1206

Laboratories & workshops	2	35 labs 35x72 } 3x170 1x250+1x430 1x170	170, 72, 420	35 x 72+3x170 1x250+1x430+1x170=3880
Total	46			8748

- ❖ Whether any academic activity is being carried out in the basement
If yes, give details. Yes No
- ❖ Whether a barrier free environment has been created in the building for Physically challenged persons. Yes No
- ❖ Whether the Classrooms, Tutorial hall, Drawing hall, Computer centre, Library, Laboratory and workshops are well equipped for the existing courses. Yes No

22. Land Availability

Land Category <i>(Rural/ District Head Quarter/ State Capital/ Metropolitan city/ Mega City)</i>	Area required as per Land Category (Acres)	Total Area available (Acres)

- (a) Whether the said land is demarcated by fencing/ boundary wall for the institution *(Tick ✓ appropriate box)* Yes No
- (b) Whether the land is contiguous *(Tick ✓ appropriate box)* Yes No
- If Not, Number of plots Distance between the plots (Sq.M)
- (c) Whether the surroundings of the institution are suitable for educational purpose. Yes No

23. Availability of other facilities:

S.No.	Parameter	Availability
1	All Weather Approach Road (cemented / kuchha)	YES
2	Potable Water Supply System (own bore well / municipal corporation)	YES
3	Electrical Generator (5kv, 5-10 kv, 10-15 kv, more than 20 kv)	5 Gen Sets with 464 KVA capacity are available on Auto-Start Mode
4	Students' Canteen	YES
5	Students' Common Room (Boys / Girls)	YES
6	Hostel	Boys YES
		Girls YES
	If no hostel facility is available, whether arrangements have been made for boarding and lodging of students near to the institution, if yes mode of travel from the place of stay to the institution	
7	Principal's Quarters	Under construction
8	Digital Library	YES

9	Quarters for Faculty	Under construction
10	Guest House	YES PART OF BOY'S HOSTEL
11	Parking facilities	YES
12	Medical facilities (full time / part time doctor / dispensary)	<p>1. First aid boxes have been placed in all the Institutional Blocks & Hostel.</p> <p>2. Mobile Dispensary with /qualified Doctors & Nurses from Maharaja Agrasen Hospital Punjabi Bagh, Delhi visit the college campus twice a week. For emergency cases MAIT tied up with Brahm Shakti Hospital at a distance of 2 km.</p> <p>3. In addition the state of art medical facilities are also available in Maharaja Agrasen Hospital & Shri Balajee Action Medical Institute to the students and employees of MAIT. These hospitals are situated within 10 kms radius of the college</p>
13	Insurance facilities	YES
14	Telephone booth	YES
15	Gymnasium /indoor / outdoor stadium	NO
16	Rainwater-harvesting facilities are available	IN PROCESS
17	Post office facility	NO
18	Bank facility	YES
19	Transport facility for day scholars	PUBLIC TRANSPORT AVAILABLE
20.	Reprographic facilities in the Institutions.	YES
21.	Barrier free environment for physically challenged.	YES

24. Fee Structure of the Institution

S.No.	Category	CET quota		Management quota	
		Fixed by the State Fee Committee	Being charged by the Institution	Fixed by the State Fee Committee	Being charged by the Institution
1.	Admission Fee	-	-	-	-
2.	Tuition Fee	Rs. 60,000/-	Rs. 60,000/-	Rs. 60,000/-	Rs. 60,000/-
3.	University fee (Examination fee, Registration fee etc.)	Rs. 8,000/-	Rs. 8,000/-	Rs. 8,000/-	Rs. 8,000/-
4.	Laboratory fee	-	-	-	-
5.	Library fee	-	-	-	-
6.	Activity & Magazine fee	Rs. 1,000/-	Rs. 1100/-	Rs. 1,000/-	Rs. 1100/-
	Total Fee	Rs. 69,000/-	Rs. 69,100/-	Rs. 69,000/-	Rs. 69,100/-
7	Hostel fee (Optional) PM			-	Rs. 4,000/-

	Single Seater		Rs. 3,500/-		Rs. 3,500/-
	Double Seater		Rs.3,000/-		Rs.3,000/-
	Four Seater		Rs. 2,500/-		Rs. 2,500/-

25. Financial Position

(i) Whether applicant has opened a bank account in the name of the Society/ Trust for the existing institution Yes No

(ii) Source of income & expenditure during the last year

S.No.	Source of Income	Rs. (in lakhs)	Expenditure during the last year	Rs. (in lakhs)
1.	Central Government	NIL	Salary of Full-Time Faculty	447.56
2.	State Government	NIL	Salary for Visiting/Adjunct faculty	12.44
3.	University Grants Commission	NIL	Salary of Non-Teaching Staff	83.59
4.	Other Central/State Govt. Bodies	NIL	Prov. For 6 th Pay Commissin	293.09
5.	Private Trust	NIL	Prov. for Retirement Benefits	79.71
6.	Donations	NIL	Library	13.47
7.	Student Fees	As per balance sheet attached	Computer Centre	16.84
8.	Internal Revenue Generation	1232.04	Equipments Labs and Workshops	87.02
9.	Others (please specify)	89.68	Building Maintenance	282.50
			Academic Programmes	46.34
			Administrative Overheads	130.34
			Others	33.27
			Depreciation	92.84
	Total	1321		1691

(iii) Details of Operational funds

S.No.	Name of Bank With Branch & Full Address	Account No.	Cash Balance (in lakhs)	FDR, if any (Excluding joint FDR submitted to AICTE)	Total Amount (in lakhs)
1	Oriental Bank of Commerce, Paschim vihar,	227	-454.3	566.85	112.55
2	DO	394	2.73	0	2.73
3	Union Bank of India of India, Sector-22, Rohini, Delhi-110086+	875	4.94	0	4.94
			-446.63	566.85	120.22

DECLARATION:

It is certified that:

- a) Existing Courses are being conducted as per norms, standards and guidelines of the AICTE.
- b) All the physical deficiencies stated in the last approval letter have been complied with.
- c) The AICTE pay scales are being paid to the faculty members.
- d) The admissions are made on merit and no capitation fee or donation of any kind is charged for admission.
- e) The teaching faculty has been recruited as per qualifications and experience laid down by AICTE.
- f) The tuition and the other fee is being charged as prescribed by the Competent Authority.
- g) No new course has been started (since the last approval by AICTE) without prior approval of AICTE.
- h) The institution is not running any courses not approved by AICTE in the premises of the AICTE approved institution.
- h) The intake in any of the AICTE approved course has not been increased beyond the sanctioned intake, without prior approval of AICTE.

I/We solemnly declare that no information has been withheld and all the information provided in this Compliance Report is correct. If any information is found to be incorrect or false, I/We understand that proposal shall be liable for rejection.

Date:

**(Prof. M. L. Goyal)
Director**

Place

INDEX

Sl.No.	Contents	Appendix No.
1	List of Members of Governing Body	A
2	Bio-Data of Director	B
3	List of Teaching Faculty	C
4	List of Non Teaching Staff	D
5	Details of Library Staff	E

List of Annexure's to be submitted along with the Compliance Report

(Annexures should be strictly submitted in the following order alongwith index and page numbers and signed by the authorized signatory).

Annexure 1 Copy of Mandatory Disclosure.

Annexure 2 Faculty & Staff

(A) Existing faculty:

The following documents should be submitted for each of the existing faculty members in the serial order as mentioned **in the section 12. ii b)** of the compliance report.

- 1) One page biodata alongwith attested passport size photographs (with details covering number of papers published, books written, summer winter schools attended, R&D projects undertaken etc.).
- 2) Copies of appointment letters with terms and conditions of appointment and joining report.
- 3) Acquittance roll of Faculty / Non-teaching staff for the current and previous year.
- 4) Salary register of faculty/proof of salary paid to the staff along with TDS records.

(B) Additional faculty appointed.

The following documents should be submitted for the additional faculty members appointed.

- 1) Copy of the advertisement.
- 2) Details of the number of candidates applied and called for interview.
- 3) Selection Committee minutes and recommendations.
- 4) Approval by the Governing body or board of governors.
- 5) One page biodata of the appointed candidates.
- 6) Appointment letter and joining letters of the appointed faculty.

(C) The institution is required to submit a statement signed by each faculty member stating that he / she has been appointed and is working exclusively for the AICTE approved programme in the institution.

(D) An affidavit from the Chairman of the Trust / Director / Principal of the institution stating that faculty members mentioned in the section 12 of the compliance report are exclusively teaching for the AICTE approved programme / institution is required to be submitted by the institution.

Annexure 3 Details of the Built-up Area.

- Details of instructional area, administrative area, amenities area & circulation area (excluding play grounds, residential area, parking space and open air theater) duly certified by Registered Architect.
- Approved building plan with total area of built-up space.
- Building completion certificate from competent authority.
- Details of proposed/under construction area. (if any)

Annexure 4 Photographs and Video CD

- The Institution is required to submit a group photograph with name underneath of all the faculty members and staff (Technical and Non-Technical, etc. separately) along with the head of the Institution.
- Photograph (color) of the building attested by the Chairman/Secretary of the Trust/Society.

Annexure 5 Correspondence related to AICTE Approval.

- Copy of the first approval of AICTE
- Copies of subsequent extension of approval letters of AICTE
- Latest Affiliation of University
- Details of reduction in intake last year, if any.
- Documents related to penal action against the Institution by the University/State/AICTE last year, if any.

Annexure 6 Details regarding workshop, laboratories, library and computers– Course-wise

- Stock Register of Library Books (copies of last five pages to be submitted)
- Usage register of books (copies of last five pages),
- Stock registers of Computers, equipment
- Internet facility, (Type and bandwidth details)
- Copies of Cover page of all journals (last six months) Cover Page of all Journals to bear the stamp of the institution.
- List of laboratories available with area of each lab and major equipments.

Annexure 7 Students data.

- Course-wise number of Students admitted in the previous year.
- Percentage of Pass in each course for the last three years. (A copy of the affiliating University Results of the last three years to be provided.)
- No. of students admitted under PIO / Foreign Nationals (with passport details and account and currency in which fees have been paid).

Annexure 8 Land details.

- A copy of original Land documents.

Annexure 9 Financial details

- Audited Statement of accounts of the institution
- Latest bank statement, funds available in the FDR and Saving Account/Current Account
- A copy of fee receipts with details of the fee being charged from the students.
- TDS Certificate in respect of the Income Tax deducted from salary of faculty members.

