

MANDATORY DISCLOSURES

16.1 ENGINEERING/TECHNOLOGY/PHARMACY PROGRAMMES

The following information is to be given in the Information Brochure besides being hosted on the Institution's official Website.

"The information has been provided by the concerned institution and the onus of authenticity lies with the institution and not on AICTE."

I. NAME OF THE INSTITUTION

- Address including telephone, Fax, e-mail. Faculty of Engineering & Technology, Agra College, Agra
Ph.: 0562-2460486, Fax: 0562-2460486

II. NAME & ADDRESS OF THE DIRECTOR/ DEAN

- Address including telephone, Fax, e-mail. Dr. Manoj Kumar Rawat
FET, Agra College, Agra
Ph.: 0562-2460486 Mob:- 9412271808

III. NAME OF THE AFFILIATING UNIVERSITY U. P. Technical University, Lucknow

IV. GOVERNANCE

- Members of the Board and their brief background

<u>CHAIRMAN</u>	-	COMMISSIONER OF AGRA DIVISION
<u>VICE-CHAIRMAN</u>	-	DISTRICT MAGISTRATE OF AGRA DISTT
<u>SECRETARY</u>	-	PRINCIPAL, AGRA COLLEGE, AGRA

These three are ex-officio members of the Trust as well as the governing body.

The board of trustees of Agra College is a govt. trust consisting of 50 members. Two members each are elected by Houses of Nagar Nigam Agra and Zila Panchayats of Agra, Firozabad, Etah, Mainpuri, Hathras, Aligarh and Mathura. The remaining members are nominated by the govt. of U.P. Board of trustees sends four members to the governing body through election in addition to the above three members.

- Members of Academic Advisory Body - Principal and Dean
- Frequency of the Board Meetings and Academic Advisory Body - 2 or 3 times in a year
- Organizational chart and processes – N.A.
- Nature and Extent of involvement of faculty and students in academic affairs/ improvements – Interaction of faculty members and students takes place through class teachings, tutorials and various meetings for discussion.
- Mechanism/Norms & Procedure for democratic/good Governance – Meetings are held time to time for improvement of the institute from various angles.
- Student Feedback on Institutional Governance/faculty performance – Good response
- Grievance redressal mechanism for faculty, staff and students – Grievances are solved through Principal, Dean and Proctorial Board.

V. PROGRAMMES

- Name of the Programmes approved by the AICTE B.Tech. (CSE, ECE & ME)
- Name of the Programmes accredited by the AICTE No
- For each Programme the following details are to be given:

◆ Name	CSE	ECE	ME
◆ Number of seats	60	60	60
◆ Duration	4 yrs.	4 yrs.	4 yrs.
◆ Cut off mark/rank for admission during the last three years			
	Year	Category	UP-SEE Rank / PCM(%)
	2006	Gen	73.33
		OBC	72.6
		SC	72.33
	2007	Gen	111834
		OBC	89538
		SC	123926
	2008	Gen	74334
		OBC	89354
		SC	60%
◆ Fee	Rs. 27,664/- + Rs. 5,000/- (Refundable) (for all branches)		

- ◆ Placement Facilities - Training and Placement Department work for this. Various companies visit every year.
- ◆ Campus placement in last three years with minimum salary, maximum salary and average salary

	ECE	CSE	ME	Salary (Min – Max)	Average
2006	11	07	01	12000-20000	16000
2007	20	15	14	14000-22000	18000
2008	09	13	03	16000-24000	20000

- Name and duration of programme(s) having affiliation/collaboration with Foreign University(s)/Institution(s) and being run in the same Campus along with status of their AICTE approval. If there is foreign collaboration, give the following details: N/A

Details of the Foreign Institution/University: N/A

- ◆ Name of the University/Institution
- ◆ Address
- ◆ Website
- ◆ Is the Institution/University Accredited in its Home Country
- ◆ Ranking of the Institution/University in the Home Country
- ◆ Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country.

- ◆ Nature of Collaboration
- ◆ Conditions of Collaboration
- ◆ Complete details of payment a student has to make to get the full benefit of collaboration.
- For each Collaborative/affiliated Programme give the following: **N/A**
 - ◆ Programme Focus
 - ◆ Number of seats
 - ◆ Admission Procedure
 - ◆ Fee
 - ◆ Placement Facility
 - ◆ Placement Records for last three years with minimum salary, maximum salary and average salary
- Whether the Collaborative Programme is approved by AICTE? If not whether the Domestic/Foreign Institution has applied to AICTE for approval as required under notification no. 37-3/Legal/2005 dated 16th May, 2005

VI.FACULTY

- Branch wise list of faculty members:

Faculty Position for the existing programme(s) (Programme-wise)

Name of the Programme (UG)	Total Sanctioned Intake (last 4 yrs. For Engg.)	Details of Faculty Available	Nature of Appointment	
			Total number of faculty Permanent approved by University	Total number of faculty on ADHOC Basis
B.Tech.		Lecturers (Rs. 8000-13500)		
CSE	240	08	08	02
ECE & EE	225	12	12	--
ME	240	05	05	01
AS & H	--	04	04	--
Total	705	29	29	03

STAFF & STUDENT RATIO

1.	No. of Students in 1 st Year	180
2.	No. of Staff Members who are teaching in 1 st Year Only (Applied Sciences & Humanities)	04
3.	No. of Students in 2 nd , 3 rd & 4 th Years	540
4.	No. of Staff Members	28
5.	Staff & Students Ratio	28:540 = 1:19

List of the Full Time Teaching Faculty exclusively appointed and working for the AICTE approved programme with designation, date of birth, qualification alongwith 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
				UG B.Tech.	PG M.Tech	Doc.		a	b	c	
UG Level											
B.Tech CSE	1	Mr. Anurag Sharma	Lecturer	I Hons	I		23.8.78	8			6.8.02
	2	Mr. Sujeet Kumar	Lecturer	I			7.10.80	6			8.7.05
	3	Mr. Anurag Yadav	Lecturer	I			15.8.80	6			16.8.05
	4	Mr. Prateek Saxena	Lecturer	I			30.5.83	3			22.3.06
	5	Ms. Shalini Nath	Lecturer	I			27.5.80	1			31.1.08
	6	Mr. Anuj Kr. Parashar	Lecturer	I			3.3.86	1			2.2.08
	7	Mr. Ashwani Kumar	Lecturer	I			28.11.80	1			31.1.08
	8	Mr. Amit Kumar	Lecturer	I			15.5.78	3	2		4.2.08
	9	Ms. Meenakshi Singh	Lecturer	I	I		28.8.83	1			16.2.08
	10	Mr. R.K. Sharma	Lecturer	II	I		15.7.73	8			4.7.2000
ECE & EE	11	Mr. Varun Maheshwari	Lecturer	I	I		8.11.76	9	2		8.7.05
	12	Mr. Siddhrtha Vaidhya	Lecturer	II	I		9.10.73	4	2		8.3.06
	13	Mr. Brajesh Kumar	Lecturer	I	I		6.6.76	4			8.3.06
	14	Mr. Mayank Pratap Singh	Lecturer	I	I		29.9.79	4			8.3.06
	15	Ms. Lalita Sharma	Lecturer	I			10.6.81	6			9.3.06
	16	Mr. Amit srivastava	Lecturer	I	I		11.7.78	4			11.3.06
	17	Mr. Harish Chandra Prasad	Lecturer	I			5.3.77	9			31.1.08
	18	Mr. Virendra Singh	Lecturer	I			1.5.82	1	3		31.1.08
	19	Mr. N.S. Bhadauria	Lecturer				15.2.74	1			19.2.08
	20	Mr. Tanveer Qamar	Lecturer	I	I		14.12.74	10			7.8.02
	21	Mr. Santosh Mathur	Lecturer	I	I		1.1.83	1			1.2.08
	22	Ms. Preeti Sharma	Lecturer				26.4.76	6			10.4.02
ME	23	Mr. Uddhav Diwedi	Lecturer	I	I		14.9.76	6	2		16.8.02
	24	Mr. Dharendra Singh	Lecturer	I	I		1.4.77	7	1		8.7.05
	25	Mr. K.C. Sunhare	Lecturer				10.4.77	6			16.7.05
	26	Mr. Rahul Jain	Lecturer	I			26.4.85	2			31.1.08
	27	Mr. Dharendra Agarwal	Lecturer	I			11.7.80	2			31.1.08
	28	Mr. Deepak Pathak	Lecturer	I			16.10.80	1			6.2.08
AS & H (PH)	29	Dr. V.K. Jain	Lecturer	B.Sc.- I	M.Sc.- I	1991	01.05.64	9			20.9.99
Mat.	30	Mr. Khagendra Singh	Lecturer		M.Sc.-I SLET		1.7.80	5			8.7.05
	31	Mr. Amit Bhatnagar	Lecturer	B.Sc.- I	M.Sc.-I NET		21.12.80	4			13.7.05
Eng.	32	Dr. Gunjan Agarwal	Lecturer		MA- I	1999	4.10.73	4			8.7.05

- Number of faculty employed and left during the last three years 31, 04

VII. PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED

For each Faculty give a page covering

1. Name Dr. Manoj kumar Rawat
2. Date of Birth 09.11.1967
3. Educational Qualification M.Sc(Chemistry), Ph.D.
4. Work Experience
 - Teaching 20 yrs.
 - Research 15 yrs.
 - Industry
 - Others
5. Area of Specializations Physical Chemistry
6. Subjects teaching at Under Graduate Level All Branches of Chemistry
- Post Graduate Level All Branches of Chemistry
7. Research guidance –Total Phd awarded:15,No.of Submitted thesis:04,Student registered for degree of phd:08
- No. of papers published in
 - Masters's - National Journals 25
 - Ph.D. - International Journals 10
 - Conferences 21,international:01
8. Projects Carried out - Nil
9. Patents - Nil
10. Technology Transfer - Nil
11. No. of Books published with details Nil
12. Young scientist award in 1996 in national conference,Life fellow of Indian councils of chemists,Life fellow of Indian chemical society,Treasurer,Indian council of chemists.

VIII. FEE

- Details of fee, as approved by State fee Committee, for the Institution.
Rs. 27,664/- + Rs. 5,000/- (Refundable)
- Time schedule for payment of fee for the entire programme – Yearly
- No. of Fee waivers granted with amount and name of students. No
- Number of scholarship offered by the institute, duration and amount No
- Criteria for fee waivers/scholarship. **Not Applicable**
- Estimated cost of Boarding and Lodging in Hostels. Rs.10,000/- + Rs. 5,000/- (Refundable)

IX. ADMISSION

- Number of seats sanctioned with the year of approval.

• ECE	CSE	ME
• 60	60	60
• 1999	1999	2002

- Number of students admitted under various categories each year in the last three years.

Sno.	Year	Branch	Gen (Open)	SC/ST	OBC	Total
------	------	--------	------------	-------	-----	-------

1.	2006	CSE	37	08	15	60
		ECE	40+1(KM)	06	14	60+1(KM)
		ME	33	07	20	60
2.	2007	CSE	27	14	19	60
		ECE	31	13	16	60
		ME	31	14	15	60
3.	2008	Admission are under process				

- Number of applications received during last two years for admission under Management Quota and number admitted.

Year	Application Received	Students Admitted
2006	149	27
2007	246	27
2008	184	27

X. ADMISSION PROCEDURE

- Mention the admission test being followed, name and address of the Test Agency and its URL (website). SEE-UPTU
- Number of seats allotted to different Test Qualified candidates separately [AIEEE/CET (State conducted test/University tests)/Association conducted test]
- 85 % seats through SEE- UPTU.
- 15 % seats through management quota.
- Calendar for admission against management/vacant seats:
- ◆ Last date for request for applications. 25.07.2008
 - ◆ Last date for submission of application. 25.07.2008
 - ◆ Dates for announcing final results. 11.08.2008
 - ◆ Release of admission list (main list and waiting list should be announced on the same day) 02.08.2008
 - ◆ Date for acceptance by the candidate (time given should in no case be less than 15 days) 20.08.2008
 - ◆ Last date for closing of admission. 20.08.2008
 - ◆ Starting of the Academic session. 11.08.2008
 - ◆ The waiting list should be activated only on the expiry of date of main list.
 - ◆ The policy of refund of the fee, in case of withdrawal, should be clearly notified.
- Through A/c Payee Cheque

XI. CRITERIA AND WEIGHTAGES FOR ADMISSION

- Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc. – Rank in SEE- UPTU examination or 60 % marks in Physics, Chemistry and Mathematics for GEN & OBC & 55% for SC/ST candidates.
- Mention the minimum level of acceptance, if any. 60% in 10+2 PCM / PMC
- Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years.

Year	Category	UP-SEE Rank / PCM(%)
2006	Gen	73.33
	OBC	72.6
	SC	72.33
2007	Gen	111834
	OBC	89538
	SC	123926
2008	Gen	74334
	OBC	89354
	SC	60%

- Display marks scored in Test etc. and in aggregate for all candidates who were admitted.
- 85 % seats are filled through SEE- UPTU. Marks of rest of the candidates are given on the next page.
- Item No I - XI must be given in information brochure and must be hosted as fixed content in the website of the Institution.
- The Website must be dynamically updated with regard to XII-XV.

XII. APPLICATION FORM

- Downloadable application form, with online submission possibilities. **N/A**

XIII. LIST OF APPLICANTS

- List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats. – List of candidates is attached.

XIV. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS

- Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over)

1. Dr. R.K. Srivastava (Convener)
2. Dr. V. K. Jain (Lecturer)
3. Mr. Varun Maheshwari (Lecturer)
4. Mr. Amit Srivastava (Lecturer)

- Score of the individual candidates admitted arranged in order of merit.
- List of candidates who have been offered admission.
- Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates.
- List of the candidates who joined within the date, vacancy position in each category before operation of waiting list.

Branch : Computer Science & Engg. (Management Seats)

GENERAL

S.No.	Name & Father's Name	Category
1	Shweta D/o Shri Rajeev Kumar	GEN
2	Divyaushu Gupta S/o Shri Ram Niwas Gupta	GEN
3	Vandana Nainani D/o Shri M.K. Nainani	GEN
4	Sukriti Paliwal D/o Shri Sharad Paliwal	GEN
5	Bhawna Sharma D/o Shri Yogya Dutt Sharma	GEN

OBC

6	Pankaj Yadav S/o Shri Prem Chandra	OBC
7	Vinay Pratap Singh S/o Shri S.K. Singh	OBC
8	Tanvee Gupta D/o Shri R.N. Gupta	OBC

SC/ST

9	Alka Rani D/o Shri Satya Prakash	SC
---	-------------------------------------	----

Branch : Electronics & Communication Engg. (Management Seats)

GENERAL

S.No.	Name & Father's Name	Category
1	Ankur Srivastava S/o Shri P.K. Srivastava	GEN
2	Aakash Mohan Chaudhary S/o Shri Virendra Kumar Saxena	GEN
3	Gaurav Rajoria S/o Shri Gopal Rajoria	GEN
4	Aditya Kumar Jain S/o Shri Mithlesh Kumar Jain	GEN
5	Swati Goyal D/o Shri Narendra Kumar Goyal	GEN

OBC

6	Prabhuta Porwal D/o Shri Prem Chandra Porwal	
7	Vivek Baghel S/o Shri Subhal Babu Baghel	OBC

SC/ST

8	Pradeep Kumar S/o Shri Lok Singh	SC
9	Shishupal Singh S/o Shri K. Singh	SC

Branch : Mechanical Engg. (Management Seats)

GENERAL

S.No.	Name & Father's Name	Category
1	Tripuresh Mishra S/o Shri Ramadhar Mishra	GEN
2	Akash Saraswat S/o Shri P. Saraswat	GEN
3	Ashish Sharma S/o Shri S.K. Sharma	GEN
4	Shweta Sharma D/o Shri Ashok Kumar Sharma	GEN

OBC

5	Sitesh Kumar S/o Shri S. Shankar	OBC
---	-------------------------------------	-----

6	Rohit Singh Rawat S/o Shri D. Singh	OBC
---	--	-----

SC/ST

7	Raghvendra Diwakar S/o Shri B.M. Diwakar	SC
8	Shiv Pratap Singh S/o Shri I.P. Singh	SC
9	Anuj Kumar Soni S/o Shri Anand Kumar Soni	SC

XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

LIBRARY:

- Number of Library books/Titles/Journals available (programme-wise)

S.No	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	CSE	471	3964	07	03
2	ECE	449	3327	04	--
3	ME	248	1729	03	--
4	EE	50	533	01	--
5	AS & H (PC+MA+PH+CY+Others)	20+57+23+12+13 =125	170+733+170+156+49 =1278	03	--
Total		1343	10831	18	03

- List of online National/International Journals subscribed. **No**
- E-Library facilities **No**
- **LABORATORY:**
- For each Laboratory
- List of Major Equipment/Facilities is **Enclosed**
- List of Experimental Setup is **Enclosed**

List of Laboratories in Computer Science and Engineering

1. Linux Lab
2. DBMS Lab
3. Computer Graphics Lab
4. OOPS and Algorithm lab
5. Compiler Construction Lab
6. Operating Systems Lab
7. Computer Programming Lab

8. Computer Network Lab
9. Software Engg. Lab
10. Web Technology Lab
11. Distributed Systems Lab
12. Information System Lab
13. Computer Organization Lab
14. Assembly lab
15. Multimedia Lab
17. Artificial Intelligence Lab
18. Internet Programming Lab
19. Mini Project Lab
20. Project Lab

Total S/W and H/W in Deptt of Computer Science & Engineering

S.No.		Description	
1.	Quantity of Computer Terminals	311	60 – HP Computers 180 – IBM Computers PIV-60 03 – HP Servers 01 – HCL Server 08 – IBM Servers
2.	Hardware Specification		60 HP – PIV –Core 2 duo E4400(2GHZ) , 256 MB RAM, 10.2/32 GB HDD, CD ROM Drive with TFT Monitor 120 IBM – PIV 2.6 GHz, 256 MB RAM, 40 GB HDD 60 IBM – PIV 3 GHz, 512 MB RAM, 80 GB HDD 60 PIV Core2duo E4400 (2GHZ) 03 HP Server – PIII 600, 256 MB ECC SDRAM, 18.2 GB HDD SCSI, CD ROM Drive 01 HCL Server – PIII 600 MHz, 128 MB RAM, 18.2 GB HDD 01 HP Server – Intel Xeon 2.8 GHz Dual Processor, 512 MB DDR ECC RAM, 2 * 36.4 GB HDD 02 IBM Servers – Intel Xeon 306 GHz X2 CPU, 512 MB RAM, 3 * 36.4 GB HDD 06 IBM Servers – Intel Xeon 306 GHz, 512 MB RAM, 3 * 36.4 GB HDD

3.	Quantity of Terminal on LAN	163
4.	Related Legal Software	<p>(i) Win XP Prof. UPG AE MOLPNL with media kit (ii) MS-Office 2003 STD A/E OLP NL with media kit (iii) MS-Project 2003 STD A/E OLP NL with media kit (iv) LINUX RED-HAT Enterprises ES 3.0 STD (v) Turbo Assembler ver 5.0 with 05 user license (vi) OCR Fine Reader (vii) I-Link for DOS/Win (TCP/IP) Simulator (viii) Adobe Acrobat 7.0 Reader (ix) Adobe Acrobat 7.0 Writer (x) McAfee Virus Scanner 9.0 (xi) Oracle 9i Server – 05 users license (xii) Oracle (media kit) 9i Server (xiii) Oracle 9i Std for Linux (xiv) Media Kit – Oracle 9i Std for Linux (xv) LAN Trainer NetSim – Simulator Tool (xvi) LAN Trainer H/W with N/W Emulator, N/W Interface (xvii) Programming Library S/W for LAN Trainer (xviii) Matlab 7.0 with Neural N/W, Fuzzy Logic, DSP & Image Processing, Optimization, Communication & Filter Design Toolboxes</p>
5.	Peripherals/Printers	<p>(i) LCD Projector (Sharp) – 03 (ii) HP Laser Printer (1110) - 01 (iii) HP Laser Printer (1160) – 02 (iv) HP N/W Printer (1320) – 01 (v) HP Scanjet Scanner (3770) – 01 (vi) HP Scanjet Scanner (4670) – 01 (vii) H/W Proxy Server – 01 (viii) CD Writer – 02 (ix) DVD Combo Drive – 02</p>
6.	UPs	<p>(i) 3 KVA with 65 AH (10 Batteries each) – 33 (ii) 1 KVA with 45 AH (03 Batteries each) – 10</p>

Details of additional softwares:

- Borland Turbo C++ Suite (A/E)
- DOS 6.22 OEM pack
- MS Office 2000 (Prof.)
- MS Visual Studio 6.0 (A/E)(Prof.)
- MS Windows 2000 Server (A/E)
- Norton AntiVirus 2000
- Red Hat Linux 6.22

- Visual Studio 6.0 (Enterprise)
- Windows 2000 Professional
- Windows Advanced Server 2000
- Windows NT Server 4.0
- Windows NT Workstation 4.0
- License for Microsoft Windows NT CAL 4.0 (English)
- License for Microsoft Windows NT CAL Server (English)

Details of Laboratories in E&C Deptt.

S.No	Name of the Course	Name of the Laboratory/workshop	Major equipment
1	B.Tech EC-III sem	Electronics Lab-I	C.R.O.,Function Generator, Power Supply,Multimeter,Bread-Board, Experimental Kits
2	B.Tech EC-III sem	Digital Electronics Lab	C.R.O.,Function Generator, Power Supply, Multimeter,Bread-Board, Experimental Kits
3	B.Tech EC-III sem	Instrumentation & Measurement Lab	C.R.O.,Function Generator, Power Supply, Multimeter,Experimental Kits
4	B.Tech EC-IV sem	Electronics Workshop & PCB Lab	Drawing Table, Winding Machine,Tining Machine, Sharing Machine, Drill Machine
5	B.Tech EC-IV sem	Electronics Lab-II	C.R.O.,Function Generator, Power Supply,Multimeter, Bread-Board , Experimental Kits
6	B.Tech EC-IV sem	Dark Room of PCB Lab	Photo maker Machine,UV Machine,Ovan
7	B.Tech EC-V sem	Analog Integrated Circuits Lab	C.R.O.,Function Generator, Power Supply, Multimeter, Bread-Board, Experimental Kits
8	B.Tech EC-V sem	Microprocessor Lab	Power Supply,Experimental Kits
9	B.Tech EC-V sem	Control System Lab	C.R.O.,Function Generator, Power Supply, Multimeter,Bread-Board, Experimental Kits
10	B.Tech EC-V sem	Communication Lab-I	C.R.O.,Function Generator, Power Supply, Multimeter,Experimental Kits
11	B.Tech EC-VI sem	Communication Lab-II	C.R.O.,Function Generator, Power Supply, Multimeter,Experimental Kits
12	B.Tech EC-VI sem	Digital Signal Processing Lab	DSP Kits + 31 Computers
13	B.Tech EC-VI sem	Electronics CAD Lab	XILINX FPGA Kits & Softwares
14	B.Tech EC-VI sem	Microwave Engineering Lab	Microwave Bench, C.R.O., Power Supply, Multimeter
15	B.Tech EC-VII sem	Communication Lab-III	C.R.O.,Function Generator, Power Supply, Multimeter,Experimental Kits

List of Laboratories in Mechanical Engineering

S.No.& Name of the Laboratory/Workshop	Major Equipment
1. Workshop a) Fitting Shop	(i) Bench Vice (ii) Tools
(b) Welding Shop	(i) Arc Welding Machine (ii) Gas Cylinders (iii) Welding Torch (iv) Tools
(c) Carpentry Shop	(i) Carpentry Vice (ii) Tools
(d) Sheet Metal Shop	(i) Tools
(e) Machine Shop	(i) Lathe Machines (ii) Shaper Machine (iii) Drill Machine(Radial) (iv) Grinder (v) Power Hackshaw
(f) Black Smithy shop	(i) Anvil (ii) Coal Furnace (iii) Swage Block
2. Engineering Mechanics Lab	(i) Boiler Models – Lancashire, Babcock - Wilcox & Locomotive (ii) Hardness Testing M/C (iii) Impact Testing M/C (iv) Original Fiat Engine (v) Original Air Conditioner (vi) Original Refrigerator (vi) Steam Engine Model (vii) Steam Turbine Model (viii) U.T.M. (ix) Demo Models – 2 Stroke & 4 Stroke Petrol Engine
3.Computer aided Engineering Graphics Lab	(i) Drawing Boards With Stand & Computers
4.Applied Thermodynamics Lab.	(i) Steam Turbine Model (ii) 2 Stroke Diesel Engine(Cut sectional)Model (iii) 4 Stroke Diesel Engine(Cut sectional)Model (iv) Morse Test Apparatus (v) Model of Compound Steam Engine (vi) Volumetric Eff. Of refrigeration test Rig (vii) Pure Reaction Turbine Model (viii) Steam Engine Model (ix) Window A/C Test Rig

5. Fluid Mechanics Lab	<ul style="list-style-type: none"> (i) Metacentric Height Apparatus (ii) Orifice meter apparatus (iii) Flow through orifice apparatus (iv) Darcy Law apparatus (v) Reynolds Apparatus (vi) Pitot tube set up (vii) Losses due to friction in pipeline (viii) Losses in pipe fitting apparatus (ix) Bend meter calibration Set up
6. Material Science & Testing Lab	<ul style="list-style-type: none"> (i) Specimen mounting Press (ii) Single Disc polishing Machine (iii) Metzer-M Dry Belt/ Grinder (iv) Metallurgical Microscope (v) Muffle furnace (vi) Abrasive disc Machine
7. Manufacturing Sc.-I Lab	<ul style="list-style-type: none"> (i) Moulding Boxes (ii) Patterns (iii) Electric Blower
8. Measurement and Metrology Lab	<ul style="list-style-type: none"> (i) Vernier Caliper (ii) Screw Gauge (iii) Sine Bars (iv) Slip Gauge set (v) Plug Gauge (vi) Plug & Ring Taper Gauge (vii) Bevel Protractor (viii) Snap Gauge (ix) Feeler gauge (x) Dial Indicator (xi) Comparator Stand (xii) Pressure Measurement Apparatus (xiii) Temp. Measurement Set up RTD (xiv) Strain Gauge Set up (xv) Speed Measurement by using stroboscope (xvi) Flow measurement by orifice meter (xvii) Vibration measurement Tutor
9. Manufacturing Sc.-II Lab	Lab is conducted in Machine and welding shop of workshop.

10.Dynamics Of Machines Lab	<ul style="list-style-type: none"> (i) Cam analysis apparatus (ii) Uni. Governor Apparatus (iii) Whirling of Shaft (iv) Gyroscope (v) Balancing Apparatus (vi) Uni. Vibration Apparatus (vii) Epicyclic Gear Train (viii) 4bar link Mechanism (ix) Single shoe brake (x) Double shoe brake (xi) Band brake (xii) Internal expanding brake (xiii) Disc brake (xiv) Claw Clutch (xv) Conical Friction Clutch (xv) Plate Clutch (xvi) Centrifugal Clutch (xvii) Multiplate clutch
11. Heat and Mass Transfer Lab.	<ul style="list-style-type: none"> (i) Composite Wall Exp. (ii) Natural Convection Apparatus (iii) Pin- fin Apparatus (iv) Forced Convection Apparatus (v) Radiation Solar Collector Appa. (vi) Parallel and Counter Flow Heat Exchanger (vii) Thermal Conductivity of fluids (viii) Stefan Boltzman Apparatus (ix) Emmisivity Measurement Appr.
12.Fluid Machinery Lab	<ul style="list-style-type: none"> (i) Reciprocating pump test rig (ii) Pelton Wheel Turbine (iii) Francis Turbine (iv) Centrifugal pump test rig (v) Hydraulic ram (vi) Hydraulic jack model (vii) Impact of jet apparatus
13.Refrigeration & air-Conditioning Lab	<ul style="list-style-type: none"> (i) Vapour Compression Refrigeration Test (ii) Different Expansion Devices (iii) Different Evaporators (iv) Refrigeration Kit (v) Air-Conditioning Test Rig (vi) Air Washer (vii) Sling Psychrometer
14.CAD/CAM Lab	<ul style="list-style-type: none"> (i) Computers(P-4) (ii) Scanner HP 3770 (iii) Pro-E Software (iv) HP Laser Printer (v) LCD Projector

15. Automobile Engineering Lab	(i) Fuel Supply System of Diesel Engine (ii) Fuel Supply System of Petrol Engine (iii) Lubrication System (iv) Suspension System (v) Transmission System (vi) Diesel Engine testrig (vii) Differential gear box
--------------------------------	---

List of Experiments of various Labs in Mechanical Engineering Department

COMPUTING FACILITIES:

- Number and Configuration of Systems 311 (PIV, HP, IBM)
- Total number of systems connected by LAN 163
- Total number of systems connected to WAN N/A
- Internet bandwidth 2 MBPS Broadband (DataOne – BSNL)
- Major software packages available
- Special purpose facilities available Workshop / Seminar

WORKSHOP:

- List of facilities available.

Games and Sports Facilities	Available
Extra Curriculum Activities	Available
Soft Skill Development Facilities	Available
Number of Classrooms and size of each	12----70Sqm
Number of Tutorial rooms and size of each	03----58Sqm
Number of laboratories and size of each	35 + 01 ----- 100/180/144Sqm
Number of drawing halls and size of each	01----- 180 Sqm
Number of Computer Centres with capacity of each	01 ----- 282 Sqm
Central Examination Facility, Number of rooms and capacity of each.	18 rooms, 40 students per room

Teaching Learning process

- Curricula and syllabi for each of the programmes as approved by the University.

As per U. P. Technical University, Lucknow
- Academic Calendar of the University **2008 11.08.2008 (Odd Sem)**
- Academic Time Table
- Teaching Load of each Faculty **16 Lecturer per weak**
- Internal Continuous Evaluation System and place **As per UPTU, Lucknow**
- Students' assessment of Faculty, System in place. **N/A**

For each Post Graduate programme give the following: N/A

- i. Title of the programme
- ii. Curricula and Syllabi
- iii. Faculty Profile

Sl	Name	DESIGNATION	B. Subject Teaching
1.			
2.			
3.			

- Brief profile of each faculty.
 - ◆ Laboratory facilities exclusive to the PG programme

Special Purpose

- ◆ Software, all design tools in case
- ◆ Academic Calendar and frame work
- ◆ Research focus

List of typical research projects.

- ◆ Industry Linkage
- ◆ Publications (if any) out of research in last three years out of masters projects
- ◆ Placement status
- ◆ Admission procedure
- ◆ Fee Structure
- ◆ Hostel Facilities
- ◆ Contact address of co-ordinator of the PG programme

Name :
Address :
Telephone :
E-mail :

NOTE: Suppression and/or misrepresentation of information would attract appropriate penal action.