

# **R.R. Institute of Modern Technology Lucknow**



## **MANDATORY DISCLOSURE**

**SESSION (2026-27)**

**For B.Tech. and MBA Courses**

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## I. NAME OF THE INSTITUTION

Name of the Institute : R.R. Institute of Modern Technology, Lucknow

Address of the College : Village-Bhaisamau, NH-24, Bakshi Ka Talab,  
Sitapur Road, Lucknow-226201, Uttar Pradesh.  
Phone No: +918756008853,+916393200019  
Email: [dir.rimt@gmail.com](mailto:dir.rimt@gmail.com); [registrar@rrgi.in](mailto:registrar@rrgi.in)  
Website: [www.rimt.ac.in](http://www.rimt.ac.in)

## II. NAME AND ADDRESS OF THE TRUST

Sri Ram Niwas Rukmani Devi Trust  
538K/543A/4, Triveni Nagar-III,  
Sitapur Road, Lucknow-226020, Uttar Pradesh.  
Contact No.: 9919999946  
Email: [ag.chitranshu@gmail.com](mailto:ag.chitranshu@gmail.com)

## III. NAME & ADDRESS OF THE DIRECTOR

**Prof. (Dr.) Shailendra Singh Chauhan**  
Address: 43, Manas Garden, Near BBD University Lucknow, Uttar Pradesh.  
(M)+91 9891103337

## IV. NAME OF THE AFFILIATING UNIVERSITY

Dr. A.P.J. Abdul Kalam Technical University,  
Sector-11, Jankipuram Vistar Yojana,  
Uttar Pradesh, Lucknow Pin Code-226031

## V. GOVERNANCE

### TRUSTEE MEMBERS

SL.	NAME	DESIGNATION
1.	SHRI. ANIL KUMAR AGARWAL	PRESIDENT
2.	SHRI. KISHAN KUMAR AGARWAL	VICE-PRESIDENT
3.	SHRI. CHITRANSHU AGARWAL	SECRETARY
4.	SHRI. ANSHUL AGARWAL	MEMBER
5.	SMT. ASHA AGARWAL	MEMBER
6.	SMT. JYOTI AGARWAL	MEMBER

#### ➤ Board of Governance

The Institute was started in the year 2008 and it offers various undergraduate and post graduate programs. The entire administration is overseen by the Director under the guidance of Board of Governors (BOG). However, considering the various programs, and voluminous student strength, various committees / academic bodies / boards have been established to oversee activities, assess requirements, and take appropriate decisions towards the smooth and efficient working of the Institute.

The Board of Governors (BOG) is the highest governing body of the Institute. The meetings of the BOG usually held twice in a year and as and when required, based on the institute's need. The composition of the Board of Governors is as follows-

Sr No.	Name	Nomination Status/Occupation
1	Shri Anil Kumar Agarwal Chairman, RRIMT, Lucknow	-Chairman (President SRNRD Trust)
2	Shri Chitranshu Agarwal Secretary, RRIMT, Lucknow	-Member (Nominated by SRNRD Trust)
3	Shri Anshul Agarwal Director, Rameshwar Das Ramniwas, Lucknow	-Member (Nominated by SRNRD Trust)
4	Prof. (Dr.) A. K. Khare Former Pro Vice Chancellor, AKTU, Lucknow	-Member (Nominated by SRNRD Trust)
5	Prof. D C Mishra Associate Professor (CSE) Dr K N Modi University, Rajasthan	-Member (Nominated by SRNRD Trust)
6	Prof. (Dr.) N.P. Tripathi Professor (Chemistry),	-Member (Nominated by SRNRD Trust)

	Department of Applied Sciences & Humanities, RRIMT, Lucknow (In service)	
7	Mr. Vivek Kumar Singh Asst. Professor, Department of Electronics & Communication Engineering, RRIMT, Lucknow (In service)	-Member (Nominated by SRNRD Trust)
8	Shri Suneel Kumar Parent of a student B.Tech. (Computer Science & Engineering)	-Member (Nominated by SRNRD Trust)
9	Prof. (Dr.) Shailendra Singh Chauhan Director, RRIMT, Lucknow	-Member Secretary (Nominated by SRNRD Trust)

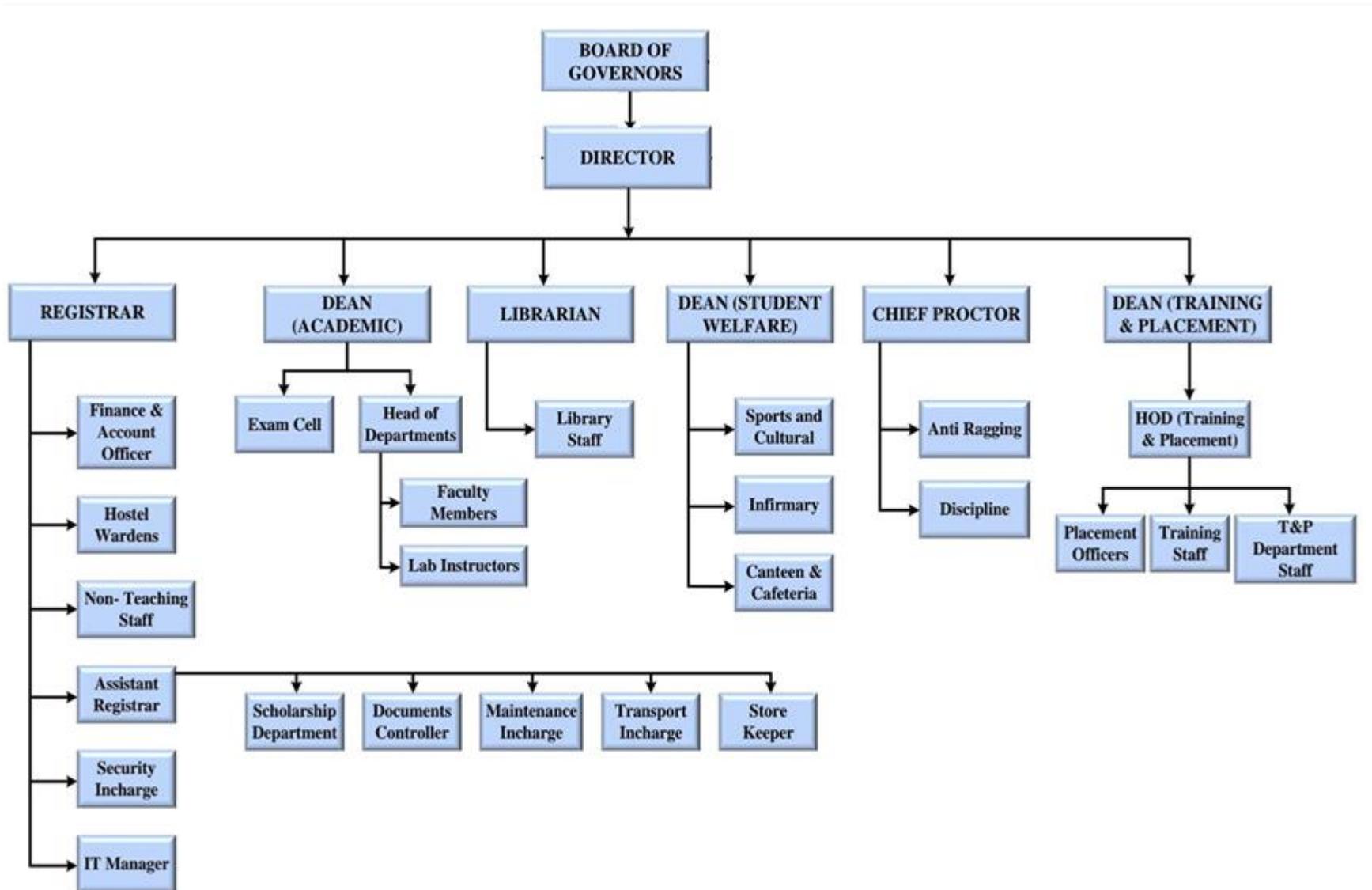
#### ➤ VARIOUS ACADEMIC AND ADMINISTRATIVE COMMITTEES

For the smooth functioning of any academic institute, decentralization of management and control is the key to achieving multi-fold growth. Adopting this approach, we at RRIMT have effectively structured the distribution of authority and responsibilities to align with and attain the desired vision and mission of the institute. In line with this framework, various academic and administrative bodies have been constituted. A list of these bodies/committees, and the frequency of their meetings, is mentioned below.

S. No.	Name of the Committee	Frequency of the meeting
1	Board of Governors	Twice in a year and as and when required
2	Institute Advisory Committee	Twice in a year and as and when required
3	Institute Industry Interface Cell	Twice in a year and as and when necessary
4	Research and Development Committee	Twice in a year and as and when necessary
5	Training and Placement Committee	Twice in a year and as and when necessary
6	Examination Committee	Twice in a year and as and when necessary
7	Library Committee	Twice in a year and as and when necessary
8	Hostel and Mess Committee	Twice in a year and as and when necessary
9	Games and Sports Committee	Twice in a year and as and when necessary

10	Canteen Committee	Twice in a year and as and when necessary
11	Cultural Committee	Twice in a year and as and when necessary
12	Entrepreneurship Cell	Twice in a year and as and when necessary
13	Finance Committee	Twice in a year and as and when necessary
14	Purchase Committee	Twice in a year and as and when necessary
15	Grievance Redressal Committee	As and when required
16	Anti-Ragging Committee	Once in a year and as and when required
17	SC / ST Cell	Once in a year and as and when required
18	Internal Complaint Committee	Once in a year and as and when required

✓ Organization Chart



➤ **List of employees entrusted with specific administrative responsibilities:**

For the smooth and efficient functioning of any academic institution, decentralization of administrative powers plays a pivotal role in ensuring multi-dimensional growth. Embracing this philosophy, RR Institute of Modern Technology (RRIMT) has strategically delegated roles and responsibilities across various levels of staff members. This approach helps in effective implementation of institutional policies and in achieving the vision and mission of the Institute. The list of employees entrusted with specific administrative responsibilities is provided in the table below:

S. No.	Name	Designation
1	Prof. (Dr.) Shailendra Singh Chauhan	Director, RRIMT, Lucknow
2	Mr. Durgesh Verma	Dean (Academic), RRIMT, Lucknow
3	Mr. Vikash Singh	Dean (Student Welfare), RRIMT, Lucknow
4	Ms. Aarti Jaiswal	Dean (Training and Placement), RRIMT, Lucknow
5	Mr. Vijay Bahadur Singh	Chief Proctor, RRIMT, Lucknow
6	Dr. Dheerendra Kumar	Examination Controller, RRIMT, Lucknow
7	Mr. Ashutosh Shukla	Admission Coordinator, RRIMT, Lucknow
8	Ms. Neha Singh	HOD, Computer Science and Engineering, RRIMT, Lucknow
9	Mr. Mohd. Faizul Hasan	HOD, Mechanical Engineering, RRIMT, Lucknow
10	Mr. Shilendra Kr. Shanti	HOD, Civil Engineering, RRIMT, Lucknow
11	Mr. Vivek Kumar Singh	HOD, Electronics and Communication Engineering, RRIMT, Lucknow
12	Mr. Keshav Pratap Yadav	HOD, Electrical Engineering, RRIMT, Lucknow
13	Mr. Jai Pratap Dixit	HOD, Information Technology, RRIMT, Lucknow
14	Mr. Chandan Kumar	HOD, Computer Science and Engineering (AI & ML) and HOD, Computer Science and Design, RRIMT, Lucknow
15	Dr. Dheerendra Kumar	HOD, Bio-Technology, RRIMT, Lucknow
16	Mr. Ashutosh Shukla	HOD, Applied Sciences and Humanities, RRIMT, Lucknow
17	Dr. Alokik Dixit	HOD - MBA, RRIMT, Lucknow

18	Mr. Bimlesh Kumar Singh Chauhan	Registrar, RRIMT, Lucknow
19	Mr. Ajeet Singh	Deputy Registrar, RRIMT, Lucknow

➤ **Establishment of Grievance Redressal Committee**

The Grievance Redressal Committee is established to address and resolve complaints, concerns, or issues raised by students, faculty, and staff. It acts as a platform to ensure transparency, fairness, and justice within the institution. The composition of Grievance redressal committee is given below-

S. No.	Name	Designation	Designation As Per Committee
1	Prof. (Dr.) S.S. Chauhan	Director, RRIMT, Lucknow	Chairperson
2	Mr. Vikash Singh	Dean (Student Welfare), RRIMT, Lucknow	Member Secretary
3	Mr. Vijay Bahadur Singh	Chief Proctor, RRIMT, Lucknow	Member
4	Mr. B.K.S. Chauhan	Registrar	Member
5	Mr. Ashutosh Shukla	HOD - Applied Science and Humanities, RRIMT, Lucknow	Member
6	Ms. Manisha Singh	Warden - Girls Hostel, RRIMT, Lucknow	Member
7	Mrs. Renu Mishra	High Court Lawyer	Member
8	Ms. Pragati Singh	Student, RRIMT, Lucknow	Member
9	Mr. Ambuj Singh	Student, RRIMT, Lucknow	Member

➤ **Establishment of Anti Ragging Committee**

<b>Name</b>	<b>Designation</b>	<b>Position in the Committee</b>
Prof. (Dr.) S.S. Chauhan	Director, RRIMT, Lucknow	Chairperson
Mr. Vijay Bahadur Singh	Chief Proctor, RRIMT, Lucknow	Member Secretary
Mr. Durgesh Verma	Dean (Academic), RRIMT, Lucknow	Member
Mr. Vikash Singh	Dean (Student Welfare), RRIMT, Lucknow	Member
Dr. Dheerendra Kumar	HOD - Biotechnology, RRIMT, Lucknow	Member
Ms. Renu Mishra	Civil Representatives	Member
Mr. Arun Kumar	Police Representatives	Member
Dr. Ranjana Mishra	Prakriti, The Nature (NGO)	Member
Mr. Vidhi Singh	Local Media Representatives (Chief Crime Reporter, Hindustan)	Member
Mrs. Deepika Agarwal	Parent Representatives, RRIMT, Lucknow	Member
Mr. Ayush Sharma	Senior Student's Representatives, RRIMT, Lucknow	Member
Ms. Muskan Vishwakarma	1 <sup>st</sup> Year Student's Representatives, RRIMT, Lucknow	Member
Ms. Manisha Singh	Non-Teaching staff, RRIMT, Lucknow	Member
Mr. Mahendra Singh	Non-Teaching staff, RRIMT, Lucknow	Member

➤ **Establishment of Internal Complaint Committee (ICC)**

<b>Name of the Members</b>	<b>Designation</b>	<b>Position in the Committee</b>
Ms. Neha Singh	HOD - Computer Science and Engineering, RRIMT, Lucknow	Convener
Ms. Neha Tripathi	Assistant Professor - MBA, RRIMT, Lucknow	Member
Mr. Mahendra Singh	Non-Teaching Staff, RRIMT, Lucknow	Member
Mrs. Manisha Singh	Non-Teaching Staff, RRIMT, Lucknow	Member

Ms. Saman Ayesha	Student AIML 2 <sup>nd</sup> Year, RRIMT, Lucknow	Member
Ms. Nidhi Dwivedi	Student CSE 2 <sup>nd</sup> Year, RRIMT, Lucknow	Member
Ms. Pratyaksha Dwivedi	Student MBA 2 <sup>nd</sup> Year, RRIMT, Lucknow	Member
Dr. Ranjana Mishra	Secretary, Prakriti, The Nature NGO	External Member from NGO for woman Empowerment

➤ **Establishment of Committee for SC/ST**

<b>Name of the Members</b>	<b>Designation</b>	<b>Position in the Committee</b>
Prof. (Dr.) S.S. Chauhan	Director, RRIMT, Lucknow	Chairman
Dr. Dheerendra Kumar	HOD - Biotechnology, RRIMT, Lucknow	Convener
Mr. Ashutosh Shukla	HOD - Applied Science & Humanities, RRIMT, Lucknow	Member
Mr. Sandip Kumar Singh	Assistant Professor – Computer Science & Engineering, RRIMT, Lucknow	Member
Mr. Neklal	Non-Teaching Staff, RRIMT, Lucknow	Member

➤ **Internal Quality Assurance Cell**

<b>Name of the Members</b>	<b>Designation</b>	<b>Position in the Committee</b>
Prof. (Dr.) S.S. Chauhan	Director, RRIMT, Lucknow	Chairperson
Mr. Durgesh Verma,	Dean Academics RRIMT, Lucknow	-Convener

Dr. Usha Sharma	Associate Professor, BBDITM, Lucknow	-External Member (Academic)
Mr. Bimlesh Kumar Singh Chauhan	Registrar, RRIMT, Lucknow	- Member Secretary
Mr. Vikash Singh	Dean Student Welfare, RRIMT, Lucknow	- Member
Ms. Arti Jaiswal	Dean Training & Placement, RRIMT, Lucknow	- Member
Mr. Keshav Pratap Yadav	HOD EE Dept., RRIMT, Lucknow	- Member
Ms. Neha Singh	HOD CSE Dept., RRIMT, Lucknow	- Member
Mohd. Faizul Hasan	HOD ME Dept., RRIMT, Lucknow	- Member
Mr. Vivek Kumar Singh	HOD ECE Dept., RRIMT, Lucknow	- Member
Mr. Shailendra Kumar Shanti	HOD CE Dept., RRIMT, Lucknow	-Member
Dr. Dheerendra Kumar	HOD BT Dept., RRIMT, Lucknow	- Member
Mr. Ashutosh Shukla	HOD Applied Science Dept., RRIMT, Lucknow	- Member
Dr. Alokik Dixit	HOD MBA Dept., RRIMT, Lucknow	- Member
Mr. Chandan Kumar	HOD CSD & CSE (AI&ML) Dept., RRIMT, Lucknow.	- Member
Dr. Jai Pratap Dixit	HOD IT Dept., RRIMT, Lucknow.	- Member
Mr. Ritesh Sharma,	B.Tech. Civil Engineering, Entrepreneur, Build World Construction, (Alumni)	- Member
Mr. Ekansh Saxena	(Student Representative)	- Member
Anshul Jaiswal,	HCL Tech, Technical Lead (Industry Expert)	-Member

## VI. PROGRAMMES

### ➤ Name of the Programs approved by the AICTE

Courses	Seats	Duration	Opening & Closing Rank	NBA Status
B.Tech. (Civil Engineering)	60	4-years	121311 1246532	Not Accredited
B.Tech. (Computer Science and Engineering)	180	4-years	187552 1415058	
B.Tech. (Information Technology)	60	4-years	791523 1255999	
B.Tech. (Electrical Engineering)	60	4-years	456149 1338699	
B.Tech. (Electronics and Communication Engineering)	60	4-years	124917 1373163	
B.Tech. (Biotechnology)	60	4-years	13764 40206	
B.Tech. (Mechanical Engineering)	60	4-years	652568 1407247	
B.Tech. (Computer Science and Design)	60	4-years	258703 1228293	
B.Tech. Computer Science and Engineering (Artificial Intelligence & Machine Learning)	60	4-years	433932 1384163	
MBA	60	2-years	13538 13538	

### ➤ Details of fee, as approved by the State fee Committee, for the Institution.

B.Tech. - Rs. 70,200/- per year (Tuition Fee)

MBA - Rs. 70,200/- per year (Tuition Fee)

## VII.FACULTY

Sr No.	Title	First Name	Designation	Department
1	Mr.	SANDEEP KUMAR VERMA	ASST PROFESSOR	APPLIED CHEMISTRY
2	Mr.	ANIL GURUDEV	ASST PROFESSOR	APPLIED CHEMISTRY
3	Mr.	PRIYANKA MISRA	ASST PROFESSOR	APPLIED CHEMISTRY
4	Dr.	NARENDRA PRASAD TRIPATHI	PROFESSOR	APPLIED CHEMISTRY
5	Mr.	ANURAG MISHRA	ASST PROFESSOR	APPLIED MATHEMATICS
6	Mr.	AMIT KUMAR	ASST PROFESSOR	APPLIED MATHEMATICS
7	Mr.	SHANTI KESH SINGH	ASST PROFESSOR	APPLIED MATHEMATICS
8	Mr.	VIKASH SINGH	ASST PROFESSOR	APPLIED MATHEMATICS
9	Mr.	MOHD IRSHAD	ASST PROFESSOR	APPLIED MATHEMATICS
10	Dr.	ASHISH PRATAP SINGH	ASST PROFESSOR	APPLIED MATHEMATICS
11	Dr.	RAHUL SINGH	ASSOCIATE PROFESSOR	APPLIED PHYSICS
12	Mr.	SHIV PRATAP SINGH	ASST PROFESSOR	APPLIED PHYSICS
13	Miss	SARITA YADAV	ASST PROFESSOR	APPLIED PHYSICS
14	Mr.	ASHUTOSH SHUKLA	ASST PROFESSOR	APPLIED PHYSICS
15	Dr.	PAVAN KUMAR	ASSOCIATE PROFESSOR	BIOTECHNOLOGY
16	Mr.	ASHISH PANDEY	ASST PROFESSOR	BIOTECHNOLOGY
17	Mr.	AJIJUR REHMAN	ASST PROFESSOR	BIOTECHNOLOGY
18	Miss	SWATI SINGH	ASST PROFESSOR	BIOTECHNOLOGY
19	Mr.	PRADEEP KUMAR RAO	ASST PROFESSOR	BIOTECHNOLOGY
20	Mr.	AKHILESH KUSHWAHA	ASST PROFESSOR	BIOTECHNOLOGY
21	Mrs.	MADHULIKA SINGH	ASST PROFESSOR	BIOTECHNOLOGY
22	Mr.	DHEERENDRA KUMAR	ASST PROFESSOR	BIOTECHNOLOGY
23	Dr.	RUCHI SINGH	ASST PROFESSOR	BIOTECHNOLOGY
24	Dr.	ANAND MISHRA	ASST PROFESSOR	BIOTECHNOLOGY
25	Mr.	SHYAM JI	ASST PROFESSOR	BIOTECHNOLOGY
26	Dr.	TABREZ JAFAR	PROFESSOR	BIOTECHNOLOGY
27	Ms.	AISHWARYA SRIVASTAVA	ASST PROFESSOR	CIVIL ENGINEERING

28	Mr.	DEEPAK ANAND	ASST PROFESSOR	CIVIL ENGINEERING
29	Mr.	BHARAT KUMAR	ASST PROFESSOR	CIVIL ENGINEERING
30	Mr.	AMITESH KUMAR	ASST PROFESSOR	CIVIL ENGINEERING
31	Mr.	SURAJ SINGH	ASST PROFESSOR	CIVIL ENGINEERING
32	Mr.	AKSHAY KUMAR	ASST PROFESSOR	CIVIL ENGINEERING
33	Mr.	SHILENDRA KUMAR SHANTI	ASST PROFESSOR	CIVIL ENGINEERING
34	Mr.	OMENDRA KUMAR	ASST PROFESSOR	CIVIL ENGINEERING
35	Mr.	SATISH KUMAR	ASST PROFESSOR	CIVIL ENGINEERING
36	Miss	SYED BUSTAN FATIMA WARSI	ASST PROFESSOR	CIVIL ENGINEERING
37	Mr.	PRASHANT MANI	ASST PROFESSOR	CIVIL ENGINEERING
38	Mrs.	SUMAN GUPTA	ASST PROFESSOR	CIVIL ENGINEERING
39	Mr.	AJAY KUMAR	ASST PROFESSOR	CIVIL ENGINEERING
40	Mr.	SAJJAD SHABBIR	ASST PROFESSOR	CIVIL ENGINEERING
41	Mr.	MAHENDRA PRATAP	ASST PROFESSOR	CIVIL ENGINEERING
42	Mr.	ROHIT MISHRA	ASST PROFESSOR	CIVIL ENGINEERING
43	Dr.	VIJAY SINGH	ASSOCIATE PROFESSOR	COMPUTER SCIENCE & ENGINEERING
44	Mr.	JAI PRATAP DIXIT	ASSOCIATE PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
45	Mr.	MANOJV KUMAR	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
46	Mr.	AJAY KUMAR GUPTA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
47	Mrs.	EESHA MISHRA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
48	Dr.	SHWETA DWIVEDI	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
49	Mr.	PRAVIN MITRY	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
50	Mr.	SUJIT KUMAR	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
51	Mr.	UMESH KUMAR	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING

52	Miss	ANCHAL SRIVASTAVA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
53	Ms.	SHIKHA SINGH	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
54	Ms.	SUPRIYA MISHRA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
55	Mr.	YOGESH PAL	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
56	Mr.	MANISH MAURYA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
57	Ms.	DEEPSHIKHA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
58	Miss	NEHA SINGH	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
59	Miss	NIDHI SHUKLA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
60	Miss	VARTIKA GUPTA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
61	Miss	SHIVA PANDEY	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
62	Mr.	NAJEEBUL HASAN	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
63	Mr.	ABHISHEK VAISH	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
64	Ms.	SWAPNIL MISHRA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
65	Mr.	ANIL KUMAR VERMA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
66	Ms.	RANJANA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
67	Mr.	GOPAL JI TEWARI	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
68	Mr.	SHAMBHU SHUKLA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING

69	Ms.	NOORNUMA FAROOQUI	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
70	Mr.	APESH GUPTA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
71	Mr.	SIDDHARTHA DWIVEDI	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
72	Mr.	CHANDRA MOHAN	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
73	Mr.	DIVYA PRAKASH	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
74	Mr.	SANDEEP KUMAR	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
75	Mr.	CHANDAN KUMAR	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
76	Mr.	MOHIT SHRIVASTAVA	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
77	Mr.	NIRENDRA TIWARI	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
78	Mr.	SUJEET KUMAR SINGH	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
79	Mr.	SANDIP KUMAR SINGH	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
80	Mr.	NEERAJ KUMAR	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
81	Mrs.	KIRAN TIWARI	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
82	Mr.	VINOD KUMAR	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
83	Mr.	SANJEEV SINGH	ASST PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
84	Dr.	SURYA PRAKASH TRIPATHI	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
85	Dr.	SANTOSH KUMAR	PROFESSOR	COMPUTER SCIENCE AND ENGINEERING
86	Mr.	GAURAV GUPTA	ASST PROFESSOR	ELECTRICAL ENGINEERING

87	Mr.	ROHIT KUMAR GUPTA	ASST PROFESSOR	ELECTRICAL ENGINEERING
88	Mr.	SOMNATH SHARMA	ASST PROFESSOR	ELECTRICAL ENGINEERING
89	Mr.	VIPIN KUMAR SHUKLA	ASST PROFESSOR	ELECTRICAL ENGINEERING
90	Mr.	ANAND RAW	ASST PROFESSOR	ELECTRICAL ENGINEERING
91	Mr.	ANKUR SHARMA	ASST PROFESSOR	ELECTRICAL ENGINEERING
92	Mr.	PRADEEP KUMAR	ASST PROFESSOR	ELECTRICAL ENGINEERING
93	Mr.	LALIT SINGH	ASST PROFESSOR	ELECTRICAL ENGINEERING
94	Mr.	ASHISH MISHRA	ASST PROFESSOR	ELECTRICAL ENGINEERING
95	Mr.	MAHTABUL HAQUE	ASST PROFESSOR	ELECTRICAL ENGINEERING
96	Mr.	DIVYANSHU RAJPUT	ASST PROFESSOR	ELECTRICAL ENGINEERING
97	Dr.	MALIK RAFI	PROFESSOR	ELECTRICAL ENGINEERING
98	Mr.	ANURAG AWASTHI	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
99	Mr.	RAHUL SINGH	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
100	Mr.	NAVEEN TIWRI	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
101	Mr.	IMRAN AHMAD	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
102	Miss	SANA FATIMA	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
103	Mr.	SAURABH KUMAR	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
104	Mrs.	PREETI KUSHWAH	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
105	Mr.	SANJEEV KUMAR	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
106	Ms.	ZEBBA	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
107	Mr.	VIVEK KUMAR SINGH	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
108	Miss	AKSHITA SRIVASTAVA	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
109	Mr.	VIJAY SRIVASTAVA	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG

110	Miss	SHALINI SHRIVASTAVA	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
111	Miss	PRAMILA YADAV	ASST PROFESSOR	ELECTRONICS & COMMUNICATION ENGG
112	Mr.	VIJAY SINGH	ASST PROFESSOR	HUMANITIES
113	Miss	GURUDEV SHRADDHA TIWARI	ASST PROFESSOR	HUMANITIES
114	Miss	ISHA SHARMA	ASST PROFESSOR	HUMANITIES
115	Miss	NIHARIKA PATHAK	ASST PROFESSOR	HUMANITIES
116	Mr.	VIKAS KUMAR	ASST PROFESSOR	INFORMATION TECHNOLOGY
117	Mr.	NITISH KUMAR SINGH	ASST PROFESSOR	INFORMATION TECHNOLOGY
118	Mr.	GAURAV MANI TRIPATHI	ASST PROFESSOR	INFORMATION TECHNOLOGY
119	Mr.	AVINASH SINGH	ASST PROFESSOR	INFORMATION TECHNOLOGY
120	Mrs.	NEHA SHARMA	ASST PROFESSOR	INFORMATION TECHNOLOGY
121	Mrs.	RAKSHANDA RAYADURG	ASST PROFESSOR	INFORMATION TECHNOLOGY
122	Mr.	ADITYA KUMAR	ASST PROFESSOR	INFORMATION TECHNOLOGY
123	Ms.	PARISHA	ASST PROFESSOR	INFORMATION TECHNOLOGY
124	Mr.	SATYA NARAYAN YADAV	ASST PROFESSOR	INFORMATION TECHNOLOGY
125	Ms.	SHIPRA AGARWAL	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
126	Mr.	AJEET VERMA	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
127	Ms.	NEHA TRIPATHI	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
128	Mr.	ADITYA SWAROOP SHUKLA	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION

129	Mr.	ALOKIK DIXIT	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
130	Mr.	RAHUL YADAV	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
131	Miss	ANTARA BHARADWAJ	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
132	Miss	PARUL SINGH	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
133	Mr.	ANKIT KUMAR TRIPATHI	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
134	Miss	ANSHIKA AWASTHI	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
135	Ms.	AARTI JAISWAL	ASST PROFESSOR	MASTERS IN BUSINESS ADMINISTRATION
136	Mr.	MOHD FAIZUL HASAN	ASST PROFESSOR	MECHANICAL ENGINEERING
137	Mr.	RAVISHANKER VISHWAKARMA	ASST PROFESSOR	MECHANICAL ENGINEERING
138	Mr.	MAHESHWAR DAYAL GUPTA	ASST PROFESSOR	MECHANICAL ENGINEERING
139	Mr.	JITENDRA GUPTA	ASST PROFESSOR	MECHANICAL ENGINEERING
140	Mr.	MAHESH KUMAR	ASST PROFESSOR	MECHANICAL ENGINEERING
141	Mr.	VINAI KUMAR	ASST PROFESSOR	MECHANICAL ENGINEERING
142	Mr.	ASHISH DWIVEDI	ASST PROFESSOR	MECHANICAL ENGINEERING
143	Mr.	SYED MOHAMAD FARHAN	ASST PROFESSOR	MECHANICAL ENGINEERING
144	Mr.	FAIZAN AHMAD	ASST PROFESSOR	MECHANICAL ENGINEERING
145	Mr.	MOHAN KUMAR	ASST PROFESSOR	MECHANICAL ENGINEERING
146	Mr.	AMIT TIWAWRY	ASST PROFESSOR	MECHANICAL ENGINEERING
147	Mr.	UMESH CHANDRA PANDEY	ASST PROFESSOR	MECHANICAL ENGINEERING
148	Mr.	YOGESH KUMAR SHARMA	ASST PROFESSOR	MECHANICAL ENGINEERING

- Permanent faculty: 148
- Permanent faculty student ratio: 1:20

## VIII. PROFILE OF DIRECTOR

Name	Prof. (Dr.) Shailendra Singh Chauhan		
Date of Birth	24/10/1974		
Unique ID	420770149095 (AKTU Faculty ID)		
Education Qualifications	Ph.D., MTech, B.E.		
Area of Specialization	Mechanical Engineering, Robotics and Automation, Artificial Intelligence		
Work Experience	Teaching	27 Years	
	Research	10 Years	
	Industry	Nil	
	Others	<ol style="list-style-type: none"> <li>1. Member of the Board of Studies, Mechanical Engineering, Automobile Engineering, AKTU Lucknow</li> <li>2. Provided sustained leadership in NBA, NIRF, and NAAC accreditation activities, resulting in successful accreditation of nine (09) academic programs.</li> <li>3. Effectively organized and coordinated the TCS Accreditation visit at our campus on April 9, 2025, ensuring smooth execution of all evaluation processes and stakeholder interactions. Now Institute is TCS Accredited for 03 years.</li> <li>4. Director, Softwraith Solutions Private Limited, Greater Noida</li> <li>5. Honorary CEO, Yesclone Pharmaceuticals Pvt. Ltd.</li> <li>6. Advisor, VS Energy Harmonisation &amp; Automation Pvt. Ltd., Greater Noida.</li> <li>7. Member of Selection Committee for the post of Director/Joint Director, Centre of Excellence, Footwear Design and Development, Noida, Government of</li> </ol>	

		India. 8. COE Panel Expert: Footwear Design and Development, Noida, Government of India.
Course taught at Diploma/ Post Diploma/ Under Graduate /Post Graduate Diploma Level		Under Graduate/Post Graduate
Research guidance	No. of paper published in National/International Journals/Conference	40
	Master (completed/ongoing)	03
	Ph.D. (completed/ongoing)	01
Research Projects/Funding Obtained		03
Patents (Filed & Granted)		10 Filed & 02 Granted
Technology Transfer		Actively promoted technology transfer through industry collaboration, patent facilitation, consultancy, and incubation-driven commercialization. No. of consultancy projects competed=09
No. of Books published with details		05
Membership in Professional Societies/ Academic bodies		IEEE Senior Membership Membership ID: 99850204 Life Member Fellowship of ISTE, New Delhi Membership ID: LM 58439 Life Member Fellowship of the Association for Machines and Mechanisms Membership ID: A20110008 Life Member of Robotics-Worldwide Club Membership ID: RW 3420009 Fellow Membership of the Institute of Research Engineers & Doctors Membership ID: SM101000601318

## IX. FEE

### ➤ Number of Fee waivers granted

Session 2025-26	Session 2024-25	Session 2023-24	Session 2022-23
	22	24	23

### ➤ Number of scholarships offered by the Institution, duration and amount

R. R. Institute of Modern Technology recognizes the academic excellence of its students and is committed to supporting them in achieving their educational aspirations. To reward exceptional performance in qualifying examinations, the institute offers scholarships to both Undergraduate (UG) and Postgraduate (PG) students. This comprehensive scholarship policy outlines the criteria, application process, award process, and terms and conditions for the scholarship.

#### 1. Objective

The objective of the scholarship program is to:

- Encourage academic excellence by providing financial assistance to deserving students.
- Foster a culture of merit-based recognition and growth at R.R. Institute of Modern Technology.

#### 2. Scope and Coverage

- **Undergraduate (UG) Programs:** Scholarships are available for students' seeking admission to various UG programs at R.R. Institute of Modern Technology.
- **Postgraduate (PG) Programs:** Scholarships are available for students' seeking admission to various PG programs at R.R. Institute of Modern Technology.
- The scholarships cover a portion of the tuition fees and will be credited directly to the student's fee account.
- The students will be entitled for the Scholarship for the normal duration of the respective course. Extension of the course period due to failure or back papers will disqualify the student for the scholarship for the extended duration.

#### 3. Eligibility Criteria

**For Undergraduate (UG) Students:** The applicant must have completed Class 12 from any recognized educational board (CBSE, CISCE, State Board, etc.) with at least 70% aggregate in PCM/PCB. The aggregate of Physics, Chemistry and Mathematics will be taken into account for admission to B.Tech. (Electrical Engineering, Mechanical Engineering, Civil Engineering, Electronics and Communication, Information Technology, Computer Science and Engineering, Computer Science and Design and Computer Science and Engineering (Artificial Intelligence & Machine Learning)

branches, whereas the aggregate of Physics, Chemistry and Biology will be considered for admission to B.Tech. - Bio-Technology.

**For Postgraduate (PG) Students:** The applicant must have completed a Graduation with at least 70% aggregate in the relevant subjects from any recognized university.

**For B.Tech. (Lateral Entry):** The applicant must have completed B.Sc. Or Diploma in Engineering with at least 70% in aggregate in the relevant subjects from any recognized university or board, as the case may be.

**General Criteria for Both UG and PG:**

- Students must meet the minimum percentage requirements outlined in the scholarship slabs below.

**4. Scholarship Slabs**

Percentage of Marks in Qualifying Examination

Percentage*	Eligible for scholarship
95% and above	70% of the total tuition fees
90% to 94.99 %	60% of the total tuition fees
85% to 89.99%	50% of the total tuition fees
80% to 84.99%	40% of the total tuition fees
75% to 79.99%	30% of the total tuition fees
70% to 74.99%	20% of the total tuition fees
Below 70%	Not eligible for scholarship

- **Wherever CGPA/Grade is awarded instead of percentage, the candidate must produce a certificate from the university/board indicating the equivalent percentage or the conversion formula.**

**5. Application Process**

The student is eligible for scholarship at the time of admission subject to the fulfillment of all terms and conditions. The admission counselor shall explain the scholarship available for various courses. If a student wishes to apply for the scholarship, his/her documents are initially verified by the Admission Counselor and if eligible, the same shall be mentioned in the admission form. The students shall be credited with scholarship after final enrollment and approval from the management.

- **Required Documents:**
  - The marks sheet of the qualifying examination.
  - Proof of Identity (e.g., Aadhar Card, PAN Card, Driving Licence, Passport, etc.)
- **Verification of Documents:**
  - All documents, including the mark sheets, will be verified for authenticity by the Scholarship Department.
  - Any discrepancies or false information will result in the rejection of the scholarship application.
  - The scholarship department, under Deputy Registrar, shall prepare a consolidated list of all students eligible for award of scholarship and submit it to Director for his perusal.
  - The Director will subsequently recommend the list to the Management for their approval.
  - Subject to the approval of management, the list will be released for information to all concerned.
- **Disbursement of Scholarship:**
  - The scholarship amount will be credited to the student's tuition fee account for the academic year.
  - The scholarship will not be provided in cash but will directly reduce the tuition fee payable by the student.

- **Decision regarding Scholarship:** The decision of the institute will be final and binding. The institute has the right to modify or discontinue the scholarship program at any time based on the circumstances.

		AICTE Approved Intake during last 3 years										Status of Accreditation
Level	Courses	1 <sup>st</sup> Year of approval by AICTE (give approval ref. no. & date)	2025-26		2024-25		2023-24		2022-23			
			Sanctioned intake	Actual admissions								
UG (FT)	Civil Engineering	F.No. Northern/1-43656650319/2024/EOA 23-Mar-2024	60	38	60	41	60	42	60	35	NA	
	Computer Science and Engineering		180	226	180	218	180	186	180	199		
	Information Technology		60	70	60	62	60	57	60	66		
	Electrical Engineering		60	52	60	69	60	49	60	40		
	Electronics and Communication Engineering		60	58	60	70	60	60	60	51		
	Biotechnology		60	76	60	64	60	68	60	65		
	Mechanical Engineering		60	71	60	61	60	60	60	52		
	Computer Science and Design		60	226	60	69	0	58	0	65		
	Computer Science and Engineering (AI&ML)		60	72	60	73	60	69	60	62		
PG (FT)	M.B.A.		60	67	60	66	60	67	60	62		

## 6. Conclusion

The R.R. Institute of Modern Technology Scholarship Program is designed to reward and support students who demonstrate academic excellence. By adhering to the guidelines and following the application process, students can benefit from financial assistance to help further their education. We encourage all eligible students to apply and make the most of this opportunity.

## X. ADMISSION

- **Number of Seat sanctioned course wise with students admitted.**

**Number of applications received during last (2024-25) years for admission under Management Quota and number admitted.**

In last year's (i.e. session 2024-25, about 794 applications for B.Tech. (1<sup>st</sup> Year & Lateral Entry) and about 84 applications for MBA have been received for admission under Management quota/leftover seats and 645 students in B.Tech. and 65 students in MBA were given admissions.

## XI. ADMISSION PROCEDURE

Mention the admission test being followed, name and address of the Test Agency / State Admission Authorities and its URL (website)

Admission Test Followed	Courses	Test Agency	URL
JEE Mains	B.Tech.	NTA	<a href="https://jeemain.nta.nic.in/information">https://jeemain.nta.nic.in/information</a>
CUET	B.TECH. (Biotechnology)	NTA	<a href="https://cuet.nta.nic.in/">https://cuet.nta.nic.in/</a>
CUET	MBA	NTA	<a href="https://cuet.nta.nic.in/">https://cuet.nta.nic.in/</a>

Admission Test: All the admissions are made through Uttar Pradesh Technical Admission Counselling, Lucknow [UPTAC], Sector-11, Jankipuram VistarY ojana, Lucknow every year.

Website: <https://uptac.admissions.nic.in/>

### ➤ **Calendar for Admission in against Management/Vacant quota:**

#### **April to August**

- Last date of request for applications
- Last date of submission of applications
- Dates for announcing final results
- Release of admission list (main list and waiting list shall be announced on the same day)
- Date for acceptance by the candidate (time given shall in no case be less than 15 days)
- Last date for closing of admission
- Starting of the Academic session
- The waiting list shall be activated only on the expiry of date of main list
- The policy of refund of the Fee, in case of withdrawal, shall be clearly notified

**Guidelines as issued by the Affiliating University (AKTU) are followed in regard to all the above points**

## XII. CRITERIA AND WEIGHTAGE FOR ADMISSION

### ➤ Eligibility Criteria:

a.

S.No.	Type of the Programme	Duration (Full-time)	Minimum Qualifications for Admission
1.	Engineering & Technology	4 Years	Should be pass in 10+2 examination with Physics and Mathematics as compulsory subjects along with one of the following subjects: “Chemistry/Biotechnology/Biology/ Technical Vocational Subject securing minimum 45% Gen/OBC and 40% marks for SC/ST category in aggregate in three Subjects.

Candidates have to appear in the State Engineering Entrance Exam called CUET/JEE (Mains) a part from the qualification given above to get admission.

b.

S.No.	Type of the Programme	Duration	Minimum Qualifications for Admission
1.	MBA	2 Years (Full-time)	Any recognized Bachelor’s Degree in any discipline of minimum 3 years duration and securing minimum 50% Gen/OBC and 45% marks for SC/ST category in aggregate.

Candidates have to appear in the State Engineering Entrance Exam called CUET a part from the qualification given above to get admission.

## XIII. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS

- The admission committee comprising Director, Registrar and Chairman of the institute makes admissions under Management Quota seats according to the Guidelines laid down by UPTAC/AKTU/State Government.
- 15% of the total intake available will be filled by institute as per the laid down norms of UPTAC and State Government.

- The vacant seats after counseling of UPTAC shall be filled by the Institute as per the laid down norms of UPTAC and the State Government.

#### **XIV. INFORMATION OF INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE**

<b>Room Type</b>	<b>No. of Rooms</b>	<b>Area in sqm</b>
Class Rooms	24	3354
Tutorial Rooms	07	470
Laboratories	56	3908
Computer Centers	03	450

- **Central Examination facility, Number of rooms and capacity of each:**  
All class rooms, tutorial room, drawing hall, conference hall is used for examination purpose.
- **Online examination facility**  
Number of PCs: 360  
Internet band width: 500 Mbps

➤ **Barrier Free Built Environment for disabled and elderly persons:**

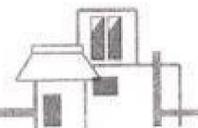
ARCHITECT  
**DEVENDRA P. SINGH**  
B. ARCH. A.I.I.A.

**DEVENDRA P SINGH & ASSOCIATES**  
ARCHITECTS, INTERIOR DESIGNERS, PLANNERS & MANAGEMENT CONSULTANTS  
RESI: 2/612, VIKAS NAGAR, LUCKNOW-22  
PH: 4022242

TO WHOM SO EVER IT MAY CONCERN

It is hereby certified that the R.R. Institute of Modern Technology, governed by Sri Ram Niwas Rukmani Devi Trust Lucknow situated at Gata No. 294, 297. 302, 303 Village-Bhaisamau, Bakshi Ka Talab, Sitapur Road, Lucknow has a **Barrier Free Environment** for physically challenged people and has **Amenities** including toilet amenities for **Physically Challenged People** in the building built for the Engineering & Technology, Bachelor of Architecture and Master Of Business administration.

FOR APPROVALS ONLY  
D.P. SINGH & ASSOCIATES



# Fire and Safety Certificate

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## प्रारूप-झ (संलग्नक-9)

### अग्नि एवं जीवन सुरक्षाप्रमाण पत्र का नवीनीकरण

यूआईडी संख्या: **UPFS/2024/108912/LCK/LUCKNOW/5278/CFO**

दिनांक: **20-02-2024**

प्रमाणित किया जाता है कि मेसर्स **R.R. INSTITUTE OF MODERN TECHNOLOGY** (भवन/प्रतिष्ठान का नाम) पता **GATA NO. 294 297 302 303 334,VILL- BHAISAMAU NH-24 SITAPUR ROAD,LUCKNOW** तहसील - **BAKSHI KA TALAB** जिसमें

ब्लॉक/टावर	तलों की संख्या	बेसमेंट की संख्या	ऊँचाई
ADMIN BLOCK	4	0	14.60 mt.
ACADEMIC BLOCK 1	5	0	19.40 mt.
ACADEMIC BLOCK 2	4	0	14.95 mt.
HOSTEL BLOCK	4	0	14.0 mt.
WORKSHOP BLOCK	1	0	6.0 mt.
CANTEEN BLOCK	1	0	7.0 mt.
STORE BLOCK	1	0	4.0 mt.
STATIONARY BLOCK	1	0	4.0 mt.

तथा प्लॉट एरिया **25216 sq.mt** है। भवन का अधिभोग **R.R. INSTITUTE OF MODERN TECHNOLOGY** (भवन स्वामी/ अधिभोगी अथवा कम्पनी का नाम) द्वारा किया जा रहा है। इनके द्वारा भवन में अग्नि निवारण एवं अग्नि सुरक्षा व्यवस्थायें एन0बी0सी0 एवं तत्संबंधी भारतीय मानक व्यूरो के आई0एस0 के अनुसार भवन में स्थापित व्यवस्थाओं का अनुरक्षण किया जा रहा है। जिसका निरीक्षण द्वारा दिनांक **23-02-2024** को भवन स्वामी के प्रतिनिधि श्री **CHITRANSHU AGARWAL** के साथ किया गया तथा भवन में अधिष्ठापित अग्नि एवं जीवन सुरक्षा व्यवस्थाओं को मानकों के अनुसार यथास्थिति में पाया गया। अतः प्रश्रुत भवन को अग्नि एवा जीवन सुरक्षाप्रमाण पत्र का नवीनीकरण (Renewal of Fire & Life Safety Certificate)(एन0बी0सी0 की अधिभोग श्रेणी) **Educational** के अन्तर्गत वैधता तिथि **24-02-2024** से **23-02-2027** तक **3** वर्षों के लिये इस शर्त के साथ दिया जा रहा है कि भवन में सभी मानकों का अनुपालन किया जायेगा तथा भवन के इस प्रमाण पत्र का नवीनीकरण निर्धारित समयवधि के अन्तर्गत पुनः कराया जायेगा तथा नवीनीकरण से पूर्व भवन में स्थापित अग्निशमन व्यवस्थाओं को क्रियाशील रखने की जिम्मेदारी आपकी होगी।

**Note** : प्रभारी अग्निशमन अधिकारी की संस्तुति आख्या के आधार पर फायर सेफ्टी सर्टिफिकेट निर्गत किया जाता है तथा इलेक्ट्रिक ऑडिट सर्टिफिकेट प्राप्त करना अनिवार्य होगा

"यह प्रमाण-पत्र आपके द्वारा प्रस्तुत अभिलेखों, सूचनाओं के आधार पर निर्गत किया जा रहा है। इनके असत्य पाए जाने पर निर्गत प्रमाण-पत्र मान्य नहीं होगा। यह प्रमाण-पत्र भूमि / भवन के स्वामित्व / अधिभोग को प्रमाणित नहीं करता है।"

हस्ताक्षर (निर्गमन अधिकारी)

(मुख्य अग्निशमन अधिकारी)



Digitally Signed By  
(MANGESH KUMAR)

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24-02-2024

निर्गत किये जाने का दिनांक : **24-02-2024**  
स्थान : **LUCKNOW**

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➤ **Hostel Facilities**

**Girls Hostel**

Girl's Hostel	No of Rooms in Girls Hostel	Girls Hostel Capacity & accommodate Girls
Yes	44	100

**Boys Hostel**

Boys Hostel	No of Rooms in Boys Hostel	Boys Hostel Capacity & accommodate Boys
Yes	165	417

➤ **Library and Internet**

The Central Library of R.R. Institute of Modern Technology, established in 2008, serves as the heart of the institute, offering state-of-the-art facilities and advanced resources to support teaching, learning, and intellectual inquiry. Located in the Administrative Block, the fully digitized library provides access to both print and e-resources, fostering an ideal environment for users. The library is automated with KOHA Library Management Software and houses a significant collection of books, journals, e-books, e-journals, and reference materials. With a team of qualified and experienced professionals, the library offers accessible, cost-effective information services across various subjects and levels.

**Important Facilities and Services**

- Ask-A-Librarian
- Wi-Fi accessible across the library
- Library e-resources Remote Access
- User Orientation Program
- Delnet database subscribed

## **Library Infrastructure and Usage Statistics**

- Number of seats of in reading space : 100
- Number of users (Issue books) : 100 per day
- Number of visitors in the library : 150 per day
- Library working hours : 9.00 am to 6.00pm
- Availability of qualified librarian and other staff, Library automation, Online Access networking
- Number of library staff : 04
- Number of library staff with a degree : 02  
in Library Management
- Computerization of search, indexing, issue/return : Yes
- Bar coding used : Yes
- Library services on internet : Yes
- Membership : Delnet, NDLI

## **The following services are available for users of the library**

- LAN/WAN connectivity
- Automated Services
- Reference Service (Encyclopedias, Dictionaries etc.)
- Digital Library (Multimedia)
- Online Journals
- OPAC (Online Public Access Catalogue)
- Power back-up
- Departmental Libraries
- Inter Library Loan
- NPTEL Video Lectures
- E-Books
- Information Display
- User Orientation
- Circulation

## Quality of Learning Resources

No. of Available	B.Tech.	MBA	E Books (Delnet)	Total
<b>Titles</b>	3545	447	1768	5760
<b>Volumes</b>	35490	2928	1768	<b>40186</b>

- ❖ Number of available national Print Journals : 15
- ❖ Number of available national e-journals : 519 (Access from Delnet, NIScPR & DOAJ)
- ❖ Number of International Journals : 66
- ❖ Availability of newspapers : 08

Name of the Internet provider	JIO
Available band width	500 Mbps
WiFi availability	Yes, whole campus
Internet access in labs, classrooms, library and offices of all Departments	Yes, all computer labs and departments are connected with Cat -6 LAN cable. Wi-fi device are installed in corridor and hostels to give access to internet in the entire campus. Library has also many computer systems with Internet facility.
Security arrangements	The network is secure with the help of Antivirus (Quick Heal), Firewall settings and also password enabled user access.

## List of Major Equipment/Facilities in each Laboratory/Workshop

Information Technology			
S. No.	Name of the Laboratory	Semester	Lab/Major Equipment's
1	Data Structure Lab	3	1. 2GB or more RAM 2. A modern multi-core processor (e.g., Intel i5/i7 or Ryzen). 3. Programming Languages: a) Python b) Java c) C/C++ 4. IDEs/Editors: a) Visual Studio Code b) PyCharm c) Eclipse or IntelliJ IDEA d) Jupyter Note books
2	Computer Organization and	3	1. Multi-core processors (e.g., Intel i5/i7 or AMD Ryzen) 2. RAM: A minimum of 8 GB RAM is necessary 3. Operating Systems:

	Architecture Lab		a) Linux (preferably Ubuntu) b) Windows c) Virtual Machines (VMs)
3	Web Designing Workshop Lab	3	1. Processor: Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen) 2. RAM: At least 2GB RAM 3. Web Browsers: a) Google Chrome b) Mozilla Firefox c) Safari d) Edge 4. Text Editors and IDEs for Coding a) Visual Studio Code (VS Code) b) Sublime Text c) Atom d) WebStorm
4	Operating System Lab	4	1. Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen) 2. RAM: At least 2 GB of RAM 3. Virtualization Software a) VirtualBox b)VMware Workstation c) Hyper-V d) Docker e) c++/c
5	Object Oriented Programming with Java Lab	4	1. Modern multi-core processor (e.g., Intel i5/i7 or AMD Ryzen) 2. At least 2 GB of RAM is necessary 3. Integrated Development Environments (IDEs) a) Eclipse b) IntelliJ IDEA c) NetBeans d) Jdeveloper e) BlueJ
6	Cyber Security Workshop Lab	4	1. Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen) 2. At least 2 GB of RAM 3. Virtualization Software a) VMware Workstation/VMware Player b) VirtualBox c) Hyper-V d) Docker 4. Network Infrastructure and Equipment a) Routers and Switches b) Firewalls c) Network Cables d) Network Interface Cards (NICs) e) Access Points (Wi-Fi) 5. Security and Privacy Simulators a) Hack The Box (HTB) b) TryHackMe c)OverTheWire (WarGames)
7	Database Management System Lab	5	1. Multi-core processors (e.g., Intel i5/i7 or AMD Ryzen) 2. At least 2 GB of RAM 3. Database Management Software a) MySQL b) PostgreSQL c) Oracle Database d) Microsoft SQL Server 4. NoSQL Databases: a) MongoDB b) Cassandra c) Redis
8	Web Technology Lab	5	1. Multi-core processors like Intel i5/i7 or AMD Ryzen 2. 8 GB of RAM minimum 3. (Solid-State Drive) with at least 256 GB storage 4. Operating Systems a)Windows b)macOS c)Linux 5. Web Development Software & IDEs

			a) Visual Studio Code b) Brackets c) Atom d) Atom e) GitHub/GitLab/Bitbucket
9	Design analysis and algorithm Lab	5	1. Multi-core processors such as Intel i5/i7 or AMD Ryzen 2. Minimum of 8 GB RAM 3. SSD with at least 256 GB 4. Operating Systems: a) MacOS b) Windows c) Linux 5. Algorithm Simulation Software & Tools - a) Eclipse b) NetBeans c) Visual Studio Code d) PyCharm e) IntelliJ IDEA
10	Software Engineering Lab	6	1. Multi-core processors such as Intel i7/i9 or AMD Ryzen 2. 16 GB or more for optimal performance 3. Storage: SSD (Solid-State Drive) 4. Graphics Card (GPU) 5. Integrated Development Environments (IDEs) a) Visual Studio b) Eclipse c) PyCharm d) Android Studio 6. Software Development Tools a) Git b) GitHub / GitLab / Bitbucket c) SVN (Subversion) d) Maven / Gradle e) Vagrant
11	Data Analytics Lab	6	1. Multi-core processors such as Intel i5/i7 or AMD Ryzen 2. Minimum of 8 GB RAM 3. SSD with at least 256 GB 4. Jupiter Data Analytics simulation tools
12	Computer Networks Lab	6	1. Multi-core processors such as Intel i5/i7 or AMD Ryzen 2. Minimum of 8 GB RAM 3. SSD with at least 256 GB 4. Operating Systems: a) macOS b) Windows c) Virtualization Software 5. Network Devices – a) Routers b) Switches c) Hubs d) Firewalls
13	Software Testing Lab	7	1. Multi-core processors such as Intel i5/i7 or AMD Ryzen 2. Minimum of 8 GB RAM 3. SSD with at least 256 GB 4. Test Management Tools a) JIRA b) TestRail c) Quality Center (HP ALM) d) Redmine 5. Performance Testing Tools a) JMeter b) LoadRunner c) Gatling d) NeoLoad

S. No.	Name of the Laboratory	Semester	Lab/Major Equipment
1	Electronic Devices Lab	3	<ol style="list-style-type: none"> <li>1. CRO, Multimeter, Function Generator, Power supply, Active &amp; Passive components, Bread Board, etc.</li> <li>2. P-N Junction diode Kit</li> <li>3. PN Junction diode Application kit (HWR, FWR, BRIDGERECTIFIER).</li> <li>4. Zener diode Kit</li> <li>5. Photo diode, Multimeter, Power supply etc</li> <li>6. Capacitor plate, Multimeter, etc</li> <li>7. Zener diode Application Kit (VOLTAGE REGULATOR)</li> <li>8. Characteristic of BJT Kit (CE, CB, CC)</li> <li>9. Study of Field Effect Transistors Single stage common source FET amplifier –plot of gain in dB Vs frequency, measurement of, bandwidth</li> <li>10. Study of Single stage MOSFET amplifier –plot of gain in dB Vs frequency, measurement of bandwidth, input impedance</li> <li>11. Simulink software</li> </ol>
2	Digital System Design Lab	3	<ol style="list-style-type: none"> <li>1. TTL Ics. Trainer kits</li> <li>2. Boolean function Trainer kits</li> <li>3. Flip-flops Trainer kits</li> <li>4. Decoder Trainer kits</li> <li>5. Encoder Trainer kits</li> <li>6. Multiplexer Trainer kits</li> <li>7. Demultiplexer Trainer kits</li> <li>8. 4-bit parallel adder Trainer kits</li> <li>9. 4-bit synchronous counter Trainer kits.</li> <li>10. 4-bit asynchronous counter Trainer kits</li> </ol>
3	Network Analysis and Synthesis lab	3	<ol style="list-style-type: none"> <li>1. Kirchhoff's laws Kit</li> <li>2. Superposition theorem Kit</li> <li>3. Thevenin's Theorem Kit</li> <li>4. Tallegen's theorem Kit</li> <li>5. Measurement of power and power factor in a single phase AC series inductive circuit</li> <li>6. Study of phenomenon of resonance in RLC series circuit Kit</li> <li>7. AC single phase series RLC circuit Kit.</li> <li>8. Cut-off frequency of low pass and high pass filters.</li> <li>9. Pass band frequencies of band pass filters.</li> <li>10. Stop band frequencies of band reject filters.</li> </ol>

4	Communication Engineering Lab	4	<ol style="list-style-type: none"> <li>1. DSB/ SSB amplitude modulation KIT</li> <li>2. Study amplitude demodulation by linear diode detector.</li> <li>3. Frequency modulation Kit</li> <li>4. Study sampling and reconstruction of pulse amplitude modulation system.</li> <li>5. Study pulse amplitude modulation Kit</li> <li>6. To obtained PAM signal kit</li> <li>7. Pulse width modulation and pulse position modulation kit.</li> <li>8. Pulse code modulation and demodulation kit</li> <li>9. Delta modulation and demodulation technique.</li> <li>10. To square wave with the help of fundamental frequency</li> <li>11. ASK modulator and demodulator Kit.</li> <li>12. FSK modulator and demodulator kit.</li> <li>13. PSK modulator and demodulator kit.</li> <li>14. Study of single bit error detection and correction using hamming code.</li> <li>15. Study of quadrature phase shift keying modulator and demodulator</li> <li>16. MAT lab</li> <li>17. MAT lab</li> </ol>
5	Analog Circuits Lab	4	<ol style="list-style-type: none"> <li>1. BJT in various configurations Kit</li> <li>2. CE configuration Trainer kit</li> <li>3. Multi-stage amplifiers Trainer kit</li> <li>4. Study of Feedback topologies</li> <li>5. Measurement of Op-Amp parameters</li> <li>6. Applications of Op-Amp kits</li> <li>7. Field effect transistors Oscillators kits</li> <li>8. Study of sinusoidal oscillators</li> <li>9. Study of LC oscillators</li> <li>10. Study of non-sinusoidal oscillators.</li> <li>11. Simulation Based</li> <li>12. Study of Analog to Digital Converter.</li> <li>13. Study of Digital to Analog Converter.</li> </ol>
6	Signal System Lab	4	<ol style="list-style-type: none"> <li>1. Computer based programs using MAT lab</li> <li>2. Computer based programs using MAT lab</li> <li>3. Computer based programs using MAT lab</li> <li>4. Computer based programs using MAT lab</li> <li>5. Computer based programs using MAT lab</li> <li>6. Computer based programs using MAT lab</li> <li>7. Computer based programs using MAT lab</li> <li>8. Computer based programs using MAT lab</li> <li>9. Computer based programs using MAT lab</li> <li>10. Computer based programs using MAT lab</li> <li>11. Computer based programs using MAT lab</li> </ol>

7	Integrated Circuits Lab	5	<ol style="list-style-type: none"> <li>1. Virtual Lab based</li> <li>2. Log and antilog amplifiers Trainer kit</li> <li>3. Voltage to current and current to voltage convertors kit</li> <li>4. Virtual Lab based</li> <li>5. Band pass filter with unit gain kit</li> <li>6. Voltage comparator and zero crossing detector kit</li> <li>7. Function generator</li> <li>8. Virtual Lab based</li> <li>9. Virtual Lab based</li> <li>10. Virtual Lab based</li> <li>11. Virtual Lab based</li> <li>12. Ramp Generator using IC 566.</li> </ol>
8	Microprocessor & Microcontroller Lab	5	<ol style="list-style-type: none"> <li>1. 8085 Microprocessor Kit</li> <li>2. 8085 Microprocessor Kit</li> <li>3. 8085 Microprocessor Kit</li> <li>4. 8085 Microprocessor Kit</li> <li>5. 8086 Microprocessor Kit</li> <li>6. 8086 Microprocessor Kit</li> <li>7. 8086 Microprocessor Kit</li> <li>8. 8086 Microprocessor Kit</li> <li>9. 8086 Microprocessor Kit</li> <li>10. 8085 Microprocessor Kit,RS-232</li> <li>11. Virtual lab based</li> <li>12. 8051 kit</li> <li>13. 8051 kit</li> <li>14. Simulink software</li> </ol>
9	Digital Signal Processing Lab	5	<ol style="list-style-type: none"> <li>1. Computer based programs using MAT lab</li> <li>2. Computer based programs using MAT lab</li> <li>3. Computer based programs using MAT lab</li> <li>4. Computer based programs using MAT lab</li> <li>5. Computer based programs using MAT lab</li> <li>6. Computer based programs using MAT lab</li> <li>7. Computer based programs using MAT lab</li> <li>8. Computer based programs using MAT lab</li> <li>9. Computer based programs using MAT lab</li> <li>10. Computer based programs using MAT lab</li> <li>11. Computer based programs using MAT lab</li> <li>12. Virtual Lab based programs using MAT lab</li> </ol>

10	Digital Communication Lab	6	<ol style="list-style-type: none"> <li>1. Study Eye diagram patterns</li> <li>2. Study the inter symbol interference</li> <li>3. Unipolar RZ &amp; NRZ Line Coding Kit</li> <li>4. Polar RZ &amp; NRZ Line Coding</li> <li>5. Generation of Bipolar RZ &amp; NRZ Line Coding Kit</li> <li>6. BASK modulation and Demodulation Kit</li> <li>7. BFSK modulation and Demodulation Kit</li> <li>8. Virtual Lab</li> <li>9. Virtual Lab</li> <li>10. MATLAB based</li> <li>11. MATLAB based</li> <li>12. Delta Modulation and Demodulation kit</li> <li>13. DSSS Modulation kit</li> <li>14. FHSS kit</li> <li>15. Encoding and Decoding of Linear Block Codes</li> <li>16. Convolution encoder</li> </ol>
11	Control System Lab	6	<ol style="list-style-type: none"> <li>1. Computer based programs using MAT lab</li> <li>2. Computer based programs using MAT lab</li> <li>3. Computer based programs using MAT lab</li> <li>4. Computer based programs using MAT lab</li> <li>5. Computer based programs using MAT lab</li> <li>6. Computer based programs using MAT lab</li> <li>7. Computer based programs using MAT lab</li> <li>8. Computer based programs using MAT lab</li> <li>9. Computer based programs using MAT lab</li> <li>10. Computer based programs using MAT lab</li> <li>11. Computer based programs using MAT lab</li> <li>12. Virtual Lab based programs using MAT lab</li> </ol>
12	Antenna and Wave Propagation Lab	6	<ol style="list-style-type: none"> <li>1. Omni directional antenna</li> <li>2. Gain meter</li> <li>3. Linear antenna</li> <li>4. Parabolic reflector antenna</li> <li>5. Log-Periodic antenna</li> <li>6. Helical Antenna</li> <li>7. Slot antenna.</li> <li>8. Micro Strip</li> <li>9. Patch antenna</li> </ol>
13	Microwave & Radar Engineering Lab	7	<ol style="list-style-type: none"> <li>1. Microwave Test bench</li> <li>2. Microwave Test bench</li> <li>3. Microwave Test bench</li> <li>4. Microwave Test bench</li> <li>5. Microwave Test bench</li> <li>6. Gunn Diode</li> <li>7. Microwave Test bench</li> <li>8. Microwave Test bench</li> <li>9. Microwave Test bench</li> <li>10. Microwave Test bench</li> </ol>

## Computer Science and Engineering

S. No.	Name of the Laboratory	Semester	Lab/Major Equipments
1	Data Structure Lab	3	1. 2GB or more RAM 2. A modern multi-core processor (e.g., Intel i5/i7 or Ryzen). 3. Programming Languages: a) Python b) Java c) C/C++ 4. IDEs/Editors: a) Visual Studio Code b) PyCharm c) Eclipse or IntelliJ IDEA d) Jupyter Notebooks
2	Computer Organisation and Architecture Lab	3	1. Multi-core processors (e.g., Intel i5/i7 or AMD Ryzen) 2. RAM: A minimum of 8 GB RAM is necessary 3. Operating Systems: a) Linux (preferably Ubuntu) b) Windows c) Virtual Machines (VMs)
3	Web Designing Workshop Lab	3	1. Processor: Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen) 2. RAM: At least 2GB RAM 3. Web Browsers a) Google Chrome b) Mozilla Firefox c) Safari d) Edge 4. Text Editors and IDEs for Coding a) Visual Studio Code (VS Code) b) Sublime Text c) Atom d) Web Storm
4	Operating System Lab	4	1. Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen) 2. RAM: At least 2 GB of RAM 3. Virtualization Software a) VirtualBox b) VMware Workstation c) Hyper-V d) Docker e) c++/c
5	Object Oriented Programming with Java Lab	4	1. Modern multi-core processor (e.g., Intel i5/i7 or AMD Ryzen) 2. At least 2 GB of RAM is necessary 3. Integrated Development Environments (IDEs) a) Eclipse b) IntelliJ IDEA c) NetBeans d) Jdeveloper e) BlueJ

6	Cyber Security Workshop Lab	4	<ol style="list-style-type: none"> <li>1. Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 2 GB of RAM</li> <li>3. Virtualization Software <ol style="list-style-type: none"> <li>a) VMware Workstation/VMware Player</li> <li>b) VirtualBox c) Hyper-V d) Docker</li> </ol> </li> <li>4. Network Infrastructure and Equipment <ol style="list-style-type: none"> <li>a) Routers and Switches b) Firewalls c) Network Cables</li> <li>d) Network Interface Cards (NICs) e) Access Points (Wi-Fi)</li> </ol> </li> <li>5. Security and Privacy Simulators <ol style="list-style-type: none"> <li>a) Hack The Box (HTB) b) TryHackMe c) OverTheWire (WarGames)</li> </ol> </li> </ol>
7	Database Management System Lab	5	<ol style="list-style-type: none"> <li>1. Multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 2 GB of RAM</li> <li>3. Database Management Software <ol style="list-style-type: none"> <li>a) MySQL b) PostgreSQL c) Oracle Database d) Microsoft SQL Server</li> </ol> </li> <li>4. NoSQL Databases: <ol style="list-style-type: none"> <li>a) MongoDB b) Cassandra c) Redis</li> </ol> </li> </ol>
8	Web Technology Lab	5	<ol style="list-style-type: none"> <li>1. Multi-core processors like Intel i5/i7 or AMD Ryzen</li> <li>2. 8 GB of RAM minimum</li> <li>3. (Solid-State Drive) with at least 256 GB storage</li> <li>4. Operating Systems <ol style="list-style-type: none"> <li>a) Windows b) MacOS c) Linux</li> </ol> </li> <li>5. Web Development Software &amp; IDEs <ol style="list-style-type: none"> <li>a) Visual Studio Code b) Brackets c) Atom d) Atom</li> <li>e) GitHub/GitLab/Bitbucket</li> </ol> </li> </ol>
9	Design analysis and algorithm Lab	5	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Operating Systems: <ol style="list-style-type: none"> <li>a) MacOS b) Windows c) Linux</li> </ol> </li> <li>5. Algorithm Simulation Software &amp; Tools - <ol style="list-style-type: none"> <li>a) Eclipse b) NetBeans c) Visual Studio Code</li> <li>d) PyCharm e) IntelliJ IDEA</li> </ol> </li> </ol>
10	Software Engineering Lab	6	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i7/i9 or AMD Ryzen</li> <li>2. 16 GB or more for optimal performance</li> <li>3. Storage: SSD (Solid-State Drive)</li> <li>4. Graphics Card (GPU)</li> <li>5. Integrated Development Environments (IDEs) <ol style="list-style-type: none"> <li>a) Visual Studio b) Eclipse c) PyCharm d) Android Studio</li> </ol> </li> <li>6. Software Development Tools <ol style="list-style-type: none"> <li>a) Git b) GitHub / GitLab / Bitbucket c) SVN (Subversion)</li> <li>d) Maven / Gradle e) Vagrant</li> </ol> </li> </ol>

11	Compiler Design Lab	6	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Compiler Construction Software <ol style="list-style-type: none"> <li>a) Lexical Analysis Tools</li> <li>b) Parser Generators(Yacc)</li> <li>c) Syntax Tree Visualization Tools</li> <li>d) Code Optimization Tools</li> </ol> </li> <li>5. Debugging and Testing Tools <ol style="list-style-type: none"> <li>a) GDB (GNU Debugger)</li> <li>b) Valgrind</li> <li>c) Clang</li> <li>d) Sanitizers</li> </ol> </li> </ol>
12	Computer Networks Lab	6	<ol style="list-style-type: none"> <li>1. Multi-Core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Operating Systems: <ol style="list-style-type: none"> <li>a) MacOS</li> <li>b) Windows</li> <li>c) Virtualization Software</li> </ol> </li> <li>5. Network Devices – <ol style="list-style-type: none"> <li>a) Routers</li> <li>b) Switches</li> <li>c) Hubs</li> <li>d) Firewalls</li> </ol> </li> </ol>
13	Software Testing Lab	7	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Test Management Tools <ol style="list-style-type: none"> <li>a) JIRA</li> <li>b) TestRail</li> <li>c) Quality Center (HP ALM)</li> <li>d) Redmine</li> </ol> </li> <li>5. Performance Testing Tools <ol style="list-style-type: none"> <li>a) JMeter</li> <li>b) LoadRunner</li> <li>c) Gatling</li> <li>d) NeoLoad</li> </ol> </li> </ol>

## Computer Science and Engineering (Artificial Intelligence & Machine Learning)

S. No.	Name of the Laboratory	Semester	Lab/Major Equipments
1	Data Structure Lab	3	<ol style="list-style-type: none"> <li>1. 2GB or more RAM</li> <li>2. A modern multi-core processor (e.g., Intel i5/i7 or Ryzen).</li> <li>3. Programming Languages: <ol style="list-style-type: none"> <li>a) Python</li> <li>b) Java</li> <li>c) C/C++</li> </ol> </li> <li>4. IDEs/Editors: <ol style="list-style-type: none"> <li>a) Visual Studio Code</li> <li>b) PyCharm</li> <li>c) Eclipse or IntelliJ IDEA</li> <li>d) Jupyter Notebooks</li> </ol> </li> </ol>
2	Computer Organisation and Architecture Lab	3	<ol style="list-style-type: none"> <li>1. Multi-Core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. RAM: A minimum of 8 GB RAM is necessary</li> <li>3. Operating Systems: <ol style="list-style-type: none"> <li>a) Linux (preferably Ubuntu)</li> <li>b) Windows</li> <li>c) Virtual Machines (VMs)</li> </ol> </li> </ol>

3	Web Designing Workshop Lab	3	<ol style="list-style-type: none"> <li>1. Processor: Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. RAM: At least 2GB RAM</li> <li>3. Web Browsers <ol style="list-style-type: none"> <li>a) Google Chrome b)Mozilla Firefox c) Safari d) Edge</li> </ol> </li> <li>4. Text Editors and IDEs for Coding <ol style="list-style-type: none"> <li>a) Visual Studio Code (VS Code) b) Sublime Text</li> <li>c) Atom d) WebStorm</li> </ol> </li> </ol>
4	Operating System Lab	4	<ol style="list-style-type: none"> <li>1. Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. RAM: At least 2 GB of RAM</li> <li>3. Virtualization Software <ol style="list-style-type: none"> <li>a) VirtualBox b)VMware Workstation c) Hyper-V</li> <li>d) Docker e) c++/c</li> </ol> </li> </ol>
5	Object Oriented Programming with Java Lab	4	<ol style="list-style-type: none"> <li>1. Modern multi-core processor (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 2 GB of RAM is necessary</li> <li>3. Integrated Development Environments (IDEs) <ol style="list-style-type: none"> <li>a) Eclipse b) IntelliJ IDEA c) NetBeans d) Jdeveloper</li> <li>e) BlueJ</li> </ol> </li> </ol>
6	Cyber Security Workshop Lab	4	<ol style="list-style-type: none"> <li>1. Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 2 GB of RAM</li> <li>3. Virtualization Software <ol style="list-style-type: none"> <li>a) VMware Workstation/VMware Player</li> <li>b) VirtualBox c) Hyper-V d) Docker</li> </ol> </li> <li>4. Network Infrastructure and Equipment <ol style="list-style-type: none"> <li>a) Routers and Switches b)Firewalls c)Network Cables</li> <li>d) Network Interface Cards (NICs) e) Access Points (Wi-Fi)</li> </ol> </li> <li>5. Security and Privacy Simulators <ol style="list-style-type: none"> <li>a) Hack The Box (HTB) b) TryHackMe c) OverTheWire (WarGames)</li> </ol> </li> </ol>
7	Database Management System Lab	5	<ol style="list-style-type: none"> <li>1. Multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 2 GB of RAM</li> <li>3. Database Management Software <ol style="list-style-type: none"> <li>a) MySQL b) PostgreSQL c) Oracle Database</li> <li>d) Microsoft SQL Server</li> </ol> </li> <li>4. NoSQL Databases: <ol style="list-style-type: none"> <li>a) MongoDB b) Cassandra c) Redis</li> </ol> </li> </ol>

8	Artificial Intelligence Lab	5	<ol style="list-style-type: none"> <li>1. Multi-core processors (e.g., Intel i7/i9 or AMD Ryzen)</li> <li>2. Graphics Processing Unit (GPU)</li> <li>3. At least 16 GB of RAM</li> <li>4. AI Development Frameworks &amp; Libraries <ol style="list-style-type: none"> <li>a) TensorFlow b) PyTorch c) Keras d) MXNet</li> </ol> </li> <li>5. Machine Learning Libraries: <ol style="list-style-type: none"> <li>a) Scikit-Learn b) XGBoost c) LightGBM</li> </ol> </li> </ol>
9	Design analysis and algorithm Lab	5	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Operating Systems: a) macOS b) Windows c) Linux</li> <li>5. Algorithm Simulation Software &amp; Tools - <ol style="list-style-type: none"> <li>a) Eclipse b) NetBeans c) Visual Studio Code</li> <li>d) PyCharm e) IntelliJ IDEA</li> </ol> </li> </ol>
10	Software Engineering Lab	6	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i7/i9 or AMD Ryzen</li> <li>2. 16 GB or more for optimal performance</li> <li>3. Storage: SSD (Solid-State Drive)</li> <li>4. Graphics Card (GPU)</li> <li>5. Integrated Development Environments (IDEs) <ol style="list-style-type: none"> <li>a) Visual Studio b) Eclipse c) PyCharm d) Android Studio</li> </ol> </li> <li>6. Software Development Tools <ol style="list-style-type: none"> <li>a) Git b) GitHub / GitLab / Bitbucket c) SVN (Subversion)</li> <li>d) Maven / Gradle e) Vagrant</li> </ol> </li> </ol>
11	Machine Learning Lab	6	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Operating Systems: a) macOS b) Windows c) Linux</li> <li>5. Integrated Development Environments (IDEs) <ol style="list-style-type: none"> <li>a) Visual Studio b) Eclipse c) IntelliJ IDEA d) PyCharm</li> <li>e) Xcode f) NetBeans</li> </ol> </li> </ol>
12	Computer Networks Lab	6	<ol style="list-style-type: none"> <li>1. Multi-Core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Operating Systems: a) macOS b) Windows</li> <li>5. Network Devices - <ol style="list-style-type: none"> <li>a) Routers b) Switches c) Hubs</li> <li>d) Firewalls</li> </ol> </li> </ol>

13	Software Testing Lab	7	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Test Management Tools <ol style="list-style-type: none"> <li>a) JIRA b) TestRail c) Quality Center (HP ALM)</li> <li>d) Redmine</li> </ol> </li> <li>5. Performance Testing Tools <ol style="list-style-type: none"> <li>a) JMeter b) LoadRunner c) Gatling d) NeoLoad</li> </ol> </li> </ol>
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## Computer Science and Design

S. No.	Name of the Laboratory	Semester	Lab/Major Equipments
1	Data Structure Lab	3	<ol style="list-style-type: none"> <li>1. 2GB or more RAM</li> <li>2. A modern multi-core processor (e.g., Intel i5/i7 or Ryzen).</li> <li>3. Programming Languages: <ol style="list-style-type: none"> <li>a) Python b) Java c) C/C++</li> </ol> </li> <li>4. IDEs/Editors: <ol style="list-style-type: none"> <li>a) Visual Studio Code b) PyCharm c) Eclipse or IntelliJ IDEA d) Jupyter Notebooks</li> </ol> </li> </ol>
2	Computer Organisation and Architecture Lab	3	<ol style="list-style-type: none"> <li>1. Multi-Core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. RAM: A minimum of 8 GB RAM is necessary</li> <li>3. Operating Systems: <ol style="list-style-type: none"> <li>a) Linux (preferably Ubuntu) b) Windows c) Virtual Machines (VMs)</li> </ol> </li> </ol>
3	Web Designing Workshop Lab	3	<ol style="list-style-type: none"> <li>1. Processor: Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. RAM: At least 2GB RAM</li> <li>3. Web Browsers <ol style="list-style-type: none"> <li>a) Google Chrome b) Mozilla Firefox c) Safari d) Edge</li> </ol> </li> <li>4. Text Editors and IDEs for Coding <ol style="list-style-type: none"> <li>a) Visual Studio Code (VS Code) b) Sublime Text</li> <li>c) Atom d) WebStorm</li> </ol> </li> </ol>
4	Operating System Lab	4	<ol style="list-style-type: none"> <li>1. Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. RAM: At least 2 GB of RAM</li> <li>3. Virtualization Software <ol style="list-style-type: none"> <li>a) VirtualBox b) VMware Workstation c) Hyper-V</li> <li>d) Docker e) c++/c</li> </ol> </li> </ol>

5	Object Oriented Programming with Java Lab	4	<ol style="list-style-type: none"> <li>1. Modern multi-core processor (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 2 GB of RAM is necessary</li> <li>3. Integrated Development Environments (IDEs) <ol style="list-style-type: none"> <li>a) Eclipse b) IntelliJ IDEA c) NetBeans d) Jdeveloper</li> <li>e) BlueJ</li> </ol> </li> </ol>
6	Cyber Security Workshop Lab	4	<ol style="list-style-type: none"> <li>1. Modern multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 2 GB of RAM</li> <li>3. Virtualization Software <ol style="list-style-type: none"> <li>a) VMware Workstation/VMware Player</li> <li>b) VirtualBox c) Hyper-V d) Docker</li> </ol> </li> <li>4. Network Infrastructure and Equipment <ol style="list-style-type: none"> <li>a) Routers and Switches b) Firewalls c) Network Cables</li> <li>d) Network Interface Cards (NICs) e) Access Points (Wi-Fi)</li> </ol> </li> <li>5. Security and Privacy Simulators <ol style="list-style-type: none"> <li>a) Hack The Box (HTB) b) TryHackMe c) OverTheWire (WarGames)</li> </ol> </li> </ol>
7	Database Management System Lab	5	<ol style="list-style-type: none"> <li>1. Multi-Core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 2 GB of RAM</li> <li>3. Database Management Software <ol style="list-style-type: none"> <li>a) MySQL b) PostgreSQL c) Oracle Database</li> <li>d) Microsoft SQL Server</li> </ol> </li> <li>4. NoSQL Databases: <ol style="list-style-type: none"> <li>a) MongoDB b) Cassandra c) Redis</li> </ol> </li> </ol>
8	Web Designing and Development Lab	5	<ol style="list-style-type: none"> <li>1. Multi-core processors (e.g., Intel i5/i7 or AMD Ryzen)</li> <li>2. At least 8 GB of RAM</li> <li>3. SSD (Solid-State Drive) with at least 256 GB</li> <li>4. Operating Systems: <ol style="list-style-type: none"> <li>a) Windows b) macOS c) Linux</li> </ol> </li> <li>5. Web Design Software <ol style="list-style-type: none"> <li>a) Adobe Creative Suite</li> <li>b) Adobe XD c) Figma d) Sketch e) Invision</li> </ol> </li> </ol>
9	Design analysis and algorithm Lab	5	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Operating Systems: <ol style="list-style-type: none"> <li>a) macOS b) Windows c) Linux</li> </ol> </li> <li>5. Algorithm Simulation Software &amp; Tools - <ol style="list-style-type: none"> <li>a) Eclipse b) NetBeans c) Visual Studio Code</li> <li>d) PyCharm e) IntelliJ IDEA</li> </ol> </li> </ol>

10	Software Engineering Lab	6	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i7/i9 or AMD Ryzen</li> <li>2. 16 GB or more for optimal performance</li> <li>3. Storage: SSD (Solid-State Drive)</li> <li>4. Graphics Card (GPU)</li> <li>5. Integrated Development Environments (IDEs) <ol style="list-style-type: none"> <li>a) Visual Studio b) Eclipse c) PyCharm d) Android Studio</li> </ol> </li> <li>6. Software Development Tools <ol style="list-style-type: none"> <li>a) Git b) GitHub/GitLab/Bitbucket c) SVN (Subversion) d) Maven/Gradlee) Vagrant</li> </ol> </li> </ol>
11	Game Designing Lab	6	<ol style="list-style-type: none"> <li>1. Multi-core processors, such as Intel i7/i9 or AMD Ryzen 7/9</li> <li>2. 16 GB or more</li> <li>3. SSD (Solid-State Drive) with 500 GB</li> <li>4. Game Engines and Development Software <ol style="list-style-type: none"> <li>a) Unity b) Unreal Engine c) Godot d) CryEngine</li> </ol> </li> <li>5. Graphics and 3D Modeling Software <ol style="list-style-type: none"> <li>a) Blender b) Autodesk Maya c) Autodesk 3ds Max d) ZBrush e) Adobe Photoshop</li> </ol> </li> </ol>
12	Computer Networks Lab	6	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Operating Systems: a)MacOS b)Windows</li> <li>5. Network Devices a) Routers b) Switchesc) Hubs d) Firewalls</li> </ol>
13	Software Testing Lab	7	<ol style="list-style-type: none"> <li>1. Multi-core processors such as Intel i5/i7 or AMD Ryzen</li> <li>2. Minimum of 8 GB RAM</li> <li>3. SSD with at least 256 GB</li> <li>4. Test Management Tools <ol style="list-style-type: none"> <li>a) JIRA b) TestRail c) Quality Center (HP ALM) d) Redmine</li> </ol> </li> <li>5. Performance Testing Tools a) JMeter b) LoadRunner c) Gatling d) NeoLoad</li> </ol>

## Mechanical Engineering

S. No.	Name of the Laboratory	Semester	Lab/Major Equipment
1	Fluid Mechanics Lab	3	<ol style="list-style-type: none"> <li>1. Impact for vanes machine</li> <li>2. Orifice meter</li> <li>3. Discharge of Notch (V and Rectangular types)</li> <li>4. Friction factor for the pipes machine</li> <li>5. Venturi meter Setup</li> <li>6. Bernoulli's Theorem proving setup</li> </ol>

			<ul style="list-style-type: none"> <li>6. Critical Reynolds number for a pipe flow</li> <li>7. Meta-centric height of a floating body.</li> <li>8. Minor losses due to sudden enlargement, sudden contraction and bends.</li> <li>9. Velocity and pressure variation with radius in a forced vortex flow.</li> </ul>
2	Material Testing Lab	3	<ul style="list-style-type: none"> <li>1. UTM Machine and Allok steel workpiece</li> <li>2. Impact testing machine like Charpy, Izod or both and Allok steel workpiece</li> <li>3. Rockwell and Vickers/Brinell testing machines, indentors (diamond and steel) and workpieces</li> <li>4. Fatigue testing machine.</li> <li>5. Creep testing machine.</li> <li>6. NDT (non-destructive testing) methods like magnetic flaw detector, ultrasonic flaw detector, eddy current testing machine, dye penetrant tests.</li> <li>7. LAMMPs (LAMMPS Molecular Dynamics Simulator)</li> <li>8. 3-D printing</li> </ul>
3	Computer Aided Machine Drawing -I Lab	3	<ul style="list-style-type: none"> <li>1. AutoCADD 2-D and 3-D software</li> </ul>
4	Applied Thermodynamic Lab	4	<ul style="list-style-type: none"> <li>1. Fire Tube Boiler Model</li> <li>2. Water Tube Boiler Model</li> <li>3. 2-Stroke Petrol Engine Model</li> <li>3. 2-Stroke Diesel Engine Model</li> <li>4. 4-Stroke Petrol Engine Model</li> <li>5. 4-Stroke Diesel Engine Model</li> <li>6. Morse Test apparatus</li> <li>7. Diesel Engine Test Rig</li> <li>8. Petrol Engine Test Rig</li> <li>9. Steam Engine Model</li> <li>10. Impulse and reaction turbine model</li> <li>11. Gas Turbine Model</li> </ul>
5	Manufacturing Process Lab	4	<ul style="list-style-type: none"> <li>1. Making of Pattern (Wax / Wooden)</li> <li>2. Preparation of Mould and Casting</li> <li>3. Lathe machine</li> <li>4. Tool-grinder machine.</li> <li>5. Milling machine</li> <li>6. Surface-grinding machine</li> <li>7. Drilling machine</li> <li>8. Tool wear and tool life</li> <li>9. Jigs/Fixtures</li> <li>10. Gas welding experiment.</li> <li>11. Arc welding experiment.</li> <li>12. Resistance welding experiment</li> <li>13. Soldering &amp; Brazing experiment.</li> <li>14. Unconventional Machining (any one among - Laser Cutting, CO2 Cutting, ECM, EDM etc.)</li> </ul>

6	Computer Aided Machine Drawing -II Lab	4	1. AutoCADD 2-D and 3-D Software
7	Heat Transfer Lab	5	1. Thermal conductivity of conductive/insulating material setup 2. Heat conduction through lagged pipe equipment 3. Heat transfer through fin under natural convection 4. Heat transfer Rate and Temperature Distribution for a Pin Fin 5. Thermal conductivity of different types of fluids equipment 6. Stefan's Law - determination of emissivity 7. Convective heat transfer through flat plate solar collector 8. LMTD and Effectiveness of Parallel and Counter Flow Heat Exchangers 9. Heat transfer coefficient for Forced Convection in a tube. 10. Heat transfer coefficient for Free Convection in a tube. 11. Experiments on heat pipe
8	Machine Design Lab	5	1. C/C++/MATLAB Software 2. 8 GB RAM CORE i5 PROCESSOR 3. AUTOCAD software
9	Internet Of Things Lab	5	1. Microcontroller and sensors 2. Mechanical devices 3. Adriano/Raspberry PI software 4. Motor 5. Interface sensors 6. Interface OLED 7. Relay 8. Linear Actuator 9. Smart phone using Bluetooth.
10	Refrigeration And Air Conditioning Lab	6	1. Calibrated thermometers 2. Flow meter 3. Solar collector setup 4. Refrigeration Test Rig 5. Sling Psychomotor 6. Vapor Absorption Apparatus 7. Air Washer 8. Desert Cooler 9. Tube cutter, tube bender, flaring tool, swaging tool, pinch off tool. 10. Window Air Conditioning 11. Hermetically Sealed Compressor 12. Control Devices in refrigeration
11	CAD/CAM Lab	6	1. AutoCADD software 2. Turning CNC machine

12	Theory of Machine Lab	6	<ol style="list-style-type: none"> <li>1. Kinematics links, pairs, chains &amp; Mechanisms</li> <li>2. Whitworth Quick Return Motion Mechanisms, Reciprocating Engine Mechanism, and Oscillating Engine Mechanism</li> <li>3. Inversions of single, double and four bar linkage</li> <li>4. Gear (Helical, cross helical, worm, bevel gear) and gear profile (involute and cycloidal</li> <li>5. Gear trains</li> <li>6. Gyroscopic model</li> <li>7. Governors</li> <li>8. Static / dynamic balancing</li> <li>9. Brake, clutch</li> <li>10. longitudinal/transverse vibration machine</li> </ol>
13	Measurement & Metrology Lab	7	<ol style="list-style-type: none"> <li>1. Screw thread</li> <li>2. Slip gauges</li> <li>3. Limit gauges</li> <li>4. Bevel protector.</li> <li>5. Comparators.</li> <li>6. Coordinate-measuring machine (CMM)</li> <li>7. Dial indicator</li> <li>8. Strain gauges</li> <li>9. Various thermometers</li> <li>10. LVDT</li> </ol>

## Civil Engineering

S. No.	Name of the Laboratory	Semester	Lab/Major Equipment
1	Building Planning & Drawing Lab	3	<ol style="list-style-type: none"> <li>1. Tools &amp; Commands of AUTO CAD Software</li> <li>2. Drawing layout and print setup With AUTO CAD</li> <li>3. 3D drafting and rendering with AUTO CAD</li> <li>4. Planning and drafting of door and window with AUTO CAD</li> <li>5. Planning and drafting of Dog legged and open well staircase with AUTO CAD</li> <li>6. Planning, drawing and modeling of 1 room set with AUTO CAD</li> <li>7. Planning, drawing and modeling of 3 room residential building with staircase with AUTO CAD</li> <li>8. Preparation of details drawing of 4 room duplex house with AUTO CAD</li> </ol>

2	Surveying & Geomatics Lab	3	<ol style="list-style-type: none"> <li>1. Prismatic compass</li> <li>2. Auto/dumpy level</li> <li>3. Vernier and electronic theodolite</li> <li>4. Vernier and electronic theodolite</li> <li>5. Vernier and electronic theodolite</li> <li>6. Theodolites</li> <li>7. Electronic Total Station</li> <li>8. Mirror stereoscopes</li> <li>9. False colour composite</li> <li>10. GIS software</li> <li>11. GPS</li> <li>12. Drone</li> </ol>
3	Fluid Mechanics Lab	3	<ol style="list-style-type: none"> <li>1. Impact of jet apparatus, weights and stop watch</li> <li>2. Orifice meter</li> <li>3. Orifice meter</li> <li>4. Venturimeter</li> <li>5. Bendmeter</li> <li>6. Bernaulli Test apparatus</li> <li>7. Reynolds number apparatus</li> <li>8. Pitot tube &amp; hot-wire anemometer</li> <li>9. Wind tunnel</li> <li>10. Venturi Meter&amp; Orifice Meter</li> </ol>
4	Material Testing Lab	4	<ol style="list-style-type: none"> <li>1. Vicat apparatus</li> <li>2. DIGITAL Compressive testing machine</li> <li>3. Le-chatalier's apparatus.</li> <li>4. Briquette Molds</li> <li>5. Sieve</li> <li>6. Pycnometer</li> <li>7. Oven</li> <li>8. Muffle Furnace</li> <li>9. Impact Test Machine</li> <li>10. Ring &amp; Ball apparatus</li> </ol>
5	Solid Mechanics Lab	4	<ol style="list-style-type: none"> <li>1. Universal testing machine</li> <li>2. Beam, Supports, Loading Mechanism, dial gauges, digital indicators</li> <li>3. Support Structure, Specimens</li> <li>4. Load cells or spring scales attached to the supports</li> <li>5. Simply supported beam with a cut section bridged by a load cell or spring balance</li> <li>6. Dial gauges, vernier scales, and displacement transducers</li> <li>7. Beam, Support System, Load, Measuring Tool, Vernier Caliper, Dial Gauge</li> <li>8. Curved Bar, Supporting Structure, Dial Gauges, Weight Hangers, Dial Indicators</li> <li>9. Brinell's and Rockwell</li> <li>10. Charpy and IZOD</li> </ol>

6	Hydraulics & Hydraulic Machine Lab	4	<ol style="list-style-type: none"> <li>1. Flume</li> <li>2. Tilting flume, Large chamber to study flow, Controlling meter to vary slope, Hook gauge/point gauge to measure the depth, Broad crested weirs/humps with different depth.</li> <li>3. Hydraulic bench, Notches, Rectangular, Hook and point gauge, Calibrated collecting tank, Stop watch</li> <li>4. A channel or flume to provide a flow passage, A broad crested weir, Hook-gauge to measure the head over the crest over the crest of weir, stop watch.</li> <li>5. Stop watch &amp; measuring tool</li> <li>6. Centrifugal Pump Set – Up, Stop Watch, Meter Scale,</li> <li>7. 1. Pelton Wheel Turbine 2. Nozzle &amp; Spear Arrangement 3. Pressure Gauges (03 Nos. – Range = 00 – 07 kg/cm<sup>2</sup>)</li> <li>8. Francis Turbine Test Rig, stop watch, tachometer.</li> <li>9. Kaplan Turbine, Supply Pump, Orifice meter, Pressure &amp; Vacuum Gauge, Sump tank, Piping System</li> <li>10. Rectangular Notch, V- notch, hook gauge, measuring scale.</li> </ol>
7	CAD Lab	5	<ol style="list-style-type: none"> <li>1. Structural Analysis and design with <b>STAAD Pro software</b></li> <li>2. Surveying with AutoCAD</li> </ol>
8	Geotechnical Engineering Lab	5	<ol style="list-style-type: none"> <li>1. A pycnometer, balance, glass rod or some stirrer, oven.</li> <li>2. Density bottle and pycnometer</li> <li>3. Cylindrical mould, Rammer for light compaction, Mould accessories (detachable base plate removable collar)</li> <li>4. A vibratory table, a cylindrical mould, a surcharge base plate, and a dial gauge</li> <li>5. Shear box, soil container, loading unit, proving ring, dial gauge</li> <li>6. 1. Cassagrande's liquid limit device 2. A.S.T.M. and B.S. grooving tool (Cassagrande's type) 3. Glass plate 20X15cm 4. 425 micron I.S. sieve 5. 3 mm diameter rod</li> <li>7. Constant head permeability apparatus, Atriaxial cell with a rubber membrane</li> <li>8. Compaction mold, rammer</li> </ol>
9	Quantity Estimation and Management Lab	5	<ol style="list-style-type: none"> <li>1. Delhi Schedule of Rates(CPWD) for study</li> <li>2. Quantity Takeoff software</li> <li>3. Quantity Takeoff software, Ms Excel</li> <li>4. Quantity Takeoff software</li> <li>5. Tender documents(any completed project)</li> </ol>

10	Structural Detailing Lab	6	<ol style="list-style-type: none"> <li>1. Study of RCC detailing with <b>IS codes (IS 456:2000, IS 13920:2016, SP-34, IS1893)</b></li> <li>2. Drawing table, Drawingsheets, pencil, mini drafter &amp; other stationary</li> <li>3. Drawing table, Drawingsheets, pencil, mini drafter &amp; other stationary</li> <li>4. Drawing table, Drawingsheets, pencil, mini drafter &amp; other stationary</li> <li>5. Drawing table, Drawingsheets, pencil, mini drafter &amp; other stationary, SP-34</li> <li>6. Drawing table, Drawingsheets, pencil, mini drafter &amp; other stationary, SP-34</li> <li>7. Drawing table, Drawingsheets, pencil, mini drafter &amp; other stationary, SP-16</li> <li>8. Drawing table, Drawingsheets, pencil, mini drafter &amp; other stationary, SP-16</li> <li>9. Drawing table, Drawingsheets, pencil, mini drafter &amp; other stationary</li> <li>10. Structural Detailing with <b>AutoCAD/Revit software</b></li> </ol>
11	Transportation Engineering Lab	6	<ol style="list-style-type: none"> <li>1. Steel cylinder, Tamping rod, Plunger, Balancing, Sieves, Compression testing machine, Measuring cylinder</li> <li>2. A pycnometer, a physical balance, an oven, and a water bath or tank with a heater/circulator</li> <li>3. A balance, sieves, thickness gauge, length gauge, oven, and a standard thickness gauge</li> <li>4. Cylindrical drum, abrasive charge (steel balls), and a rotating mechanism</li> <li>5. Penetrometer</li> <li>6. Marshall Hammer and Compaction Apparatus</li> <li>7. CBR Testing Machine or CBR Apparatus</li> </ol>
12	Environmental Engineering Lab	6	<ol style="list-style-type: none"> <li>1. Turbidity Meter/Nephelometer</li> <li>2. pH meter</li> <li>3. Hardness kit</li> <li>4. Residual chlorine test kit</li> <li>5. Sound level meter (SLM)</li> <li>6. Solids analyzer (for automated analysis), a filtration apparatus with a filter paper or membrane filter, a crucible, a vacuum pump, a drying oven, and a desiccator</li> <li>7. DO Meter</li> <li>8. COD digester</li> <li>9. Fluoride content test kit</li> <li>10. Jar test apparatus</li> </ol>
13	Concrete Lab	7	<ol style="list-style-type: none"> <li>1. Concrete mould, CTM, Tempering rod, weighing machine</li> <li>2. Slump cone</li> <li>3. Vee bee consistometer</li> <li>4. Compaction Test Apparatus</li> <li>5. Flow Table</li> <li>6. Accelerator, Retarder, Super Plasticizer</li> </ol>

## Electrical Engineering

S. No.	Name of the Laboratory	Semester	Lab/Major Equipments
1	Basic Electrical Engineering Lab	3	<ul style="list-style-type: none"> <li>• Kirchhoff's laws Kit</li> <li>• Measurement of power and power factor in a single phase ac series</li> <li>• Study of phenomenon of resonance in RLC series circuit</li> <li>• Measurement of power consumption of a fluorescent lamp</li> <li>• Three-phase power measurement by two-wattmeter method</li> <li>• Load test on single-phase transformer</li> <li>• DC shunt motor by load test</li> <li>• Three phase induction motor</li> <li>• Cut-out section models of machines: DC machine, three phase induction machine, single-phase induction machine.</li> </ul>
2	Computer Lab	4	<ul style="list-style-type: none"> <li>• MATLAB/ Simulink Software</li> <li>• Sci Lab</li> <li>• Virtual Lab</li> </ul>
3	Electrical Measurement and Instrumentation Lab	4	<ul style="list-style-type: none"> <li>• Calibration of AC voltmeter and ammeter kit</li> <li>• Training kit LVDT kit</li> <li>• Thermocouple kit</li> <li>• Maxwell's Bridge kit</li> <li>• Schering Bridge kit</li> <li>• Kelvin's Double Bridge kit.</li> <li>• Piezoelectric pick up kit.</li> <li>• Photoelectric pick up kit.</li> </ul>
4	Electrical Workshop	4	<ul style="list-style-type: none"> <li>• Control of two lamps in series and in parallel</li> <li>• Stair case working and it's testing.</li> <li>• Wiring of fluorescent lamp</li> <li>• Wiring of distribution board including power plug using isolator, MCB, ELCB.</li> <li>• Workshop tools</li> <li>• Domestic Electrical Accessories</li> <li>• Earthing system and measure the earth resistance</li> <li>• BHK house wiring</li> <li>• Full-Wave uncontrolled rectifier &amp; CRO</li> <li>• Transformer, HT Panel</li> </ul>

5	Control System Lab	4	<ul style="list-style-type: none"> <li>• Separately excited dc motor</li> <li>• AC servomotor.</li> <li>• Two servo potentiometers.</li> <li>• Synchro Transmitter – Receiver</li> <li>• Linear simulator unit</li> <li>• P, PI and PID temperature controller</li> </ul>
6	Electrical Machines –II Lab	4	<ul style="list-style-type: none"> <li>• Three phase synchronous motor</li> <li>• Three phase synchronous generator</li> <li>• Three phase induction motor</li> <li>• Single phase induction motor</li> </ul>
7	Network Analysis & Synthesis Lab	4	<ul style="list-style-type: none"> <li>• Maximum power transfer theorem Kit</li> <li>• Tallegen's theorem Kit</li> <li>• RLC series circuit Kit</li> <li>• Low pass and high pass filters Kit</li> <li>• Two port network Kit</li> <li>• Transient response of RL circuit Kit</li> </ul>
8	Electrical Machines - I Lab	4	<ul style="list-style-type: none"> <li>• DC shunt &amp; compound generator</li> <li>• DC shunt motor</li> <li>• Single phase Transformer</li> <li>• Voltmeter and ammeter</li> </ul>
9	Digital Electronics Lab	4	<ul style="list-style-type: none"> <li>• RS, JK, T and D Flip-Flops</li> <li>• Multiplexer</li> <li>• De multiplexer</li> <li>• 4-Bit Parallel Adder</li> <li>• 4-bit Synchronous &amp; Asynchronous Counter</li> <li>• DSO</li> <li>• Function Generator</li> </ul>
10	Power System-II Lab	4	<ul style="list-style-type: none"> <li>• Percentage differential relay</li> <li>• Ferranti effect of a transmission line</li> <li>• Synchronous machine transient reactance</li> <li>• L-G, L-L, L-L-G &amp; L-L-L faults of alternator</li> <li>• Over-current relay</li> <li>• Dielectric breakdown of electrodes</li> <li>• Dielectric strength of transformer oil</li> </ul>
11	Microprocessor and Microcontroller Lab	4	<ul style="list-style-type: none"> <li>• 8085 training Kit</li> <li>• 8086 training Kit</li> <li>• DMA controller</li> </ul>
12	Power Electronics Lab	4	<ul style="list-style-type: none"> <li>• Training Kit of IGBT, MOSFET &amp; power transistor characteristics</li> <li>• Training Kit of SCR characteristics</li> <li>• Training Kit of R, RC &amp; UJT triggering of SCR</li> <li>• Training Kit of Single-phase bridge inverter.</li> <li>• Training Kit of Single phase cyclo-converter.</li> </ul>

S. No.	Name of the Laboratory	Semester	Lab/Major Equipments
1	Techniques in Biotechnology Lab	3	<ol style="list-style-type: none"> <li>1. Microscope</li> <li>2. Paper Chromatography</li> <li>3. Thin Layer Chromatography</li> <li>4. Column Chromatography</li> <li>5. Agarose Gel Electrophoresis</li> <li>6. SDS-PAGE (Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis)</li> <li>7. Centrifuges</li> <li>8. pH Meter Equipment,</li> </ol>
2	Microbiology & Immunology Lab	3	<ol style="list-style-type: none"> <li>1. Microwave Oven, Heating mantles, Fridge, Heating Oven, Tube racks, autoclave</li> <li>2. Inoculation loop, Bacterial Colonies counter</li> <li>3. Distilled Water Unit</li> <li>4. Inoculators</li> <li>5. Laminar Airflow</li> <li>6. Colorimeter</li> <li>7. Water bath</li> </ol>
3	Biochemistry Lab	3	<ol style="list-style-type: none"> <li>1. Water Bath,</li> <li>2. Vortex Mixer,</li> <li>3. Soxhlet Apparatus,</li> <li>4. Heating Mantle, Desiccator,</li> </ol>
4	Bioprocess Engineering I Lab	4	<ol style="list-style-type: none"> <li>1. Spectrophotometer</li> <li>2. SDS-PAGE Electrophoresis</li> <li>3. Sonicator</li> <li>4. Separating Funnel</li> </ol>
5	Genetics & Molecular Biology Lab	4	<ol style="list-style-type: none"> <li>1. Spectrophotometer</li> <li>2. Weighing balance</li> <li>3. Ultra centrifuge</li> <li>4. UV trans-illuminator</li> </ol>
6	Enzyme Engineering Lab	4	<ol style="list-style-type: none"> <li>1. Immobilization kit</li> </ol>
7	Genetic Engineering lab	5	<ol style="list-style-type: none"> <li>1. Isolation of RNA Kit</li> <li>2. Isolation of Plasmid Kit</li> <li>3. Isolation of DNA kit</li> </ol>
8	Fermentation Technology Lab	5	<ol style="list-style-type: none"> <li>1. Spectrophotometer</li> <li>2. Bacterial Incubator</li> <li>3. Autoclave</li> <li>4. Centrifugate</li> <li>5. Autoclave</li> </ol>

9	Bioinformatics I virtual lab	5	<ol style="list-style-type: none"> <li>1. Computer 60 Nos</li> <li>2. High speed net server</li> <li>3. BLAST Server</li> <li>4. Clustal Omega Server/ClustalW Software</li> <li>5. MAFFT / MUSCLE Software</li> <li>6. MEGA (Molecular Evolutionary Genetics Analysis) Software</li> <li>7. PhyML, RAxML, MrBayes Software</li> <li>8. SPAdes, Velvet, SOAPdenovo Software</li> <li>9. GeneMarkServer</li> <li>10. PyMOL, Chimera, RasMolSoftware</li> </ol>
10	Bioprocess Engineering II Lab	6	<ol style="list-style-type: none"> <li>1. Spectrophotometer</li> <li>2. SDS-PAGE Electrophoresis</li> <li>3. Sonicator</li> <li>4. Homogenizer</li> <li>5. Separating Funnel</li> <li>6. Water bath</li> <li>7. Dialysis tubing</li> <li>8. Magnetic stirrer</li> <li>9. Chromatography column</li> <li>10. Thermometer</li> <li>11. Fume hood</li> <li>12. Rotary evaporator</li> <li>13. Magnetic stirrer</li> <li>14. Centrifuge</li> <li>15. Freeze dryer</li> </ol>
11	Plant Biotechnology Lab	6	<ol style="list-style-type: none"> <li>1. Extraction of DNA from Plant KIT</li> <li>2. Extraction of protein from Plant KIT</li> <li>3. Laminar AIR Flow</li> </ol>
12	Bioinformatics-II Lab	6	<ol style="list-style-type: none"> <li>1. Computer 60 Nos</li> <li>2. High speed net server</li> <li>3. AutoDock, AutoDockVina</li> <li>4. SwissDock, GOLD, MOE</li> <li>5. Augustus SAoftware</li> <li>6. Mega-3 Software</li> </ol>
13	Environmental Biotechnology Lab	7	<ol style="list-style-type: none"> <li>1. Incubator Shaker</li> <li>2. Microscope</li> <li>3. pH meter</li> <li>4. Desiccator or humidity chamber</li> <li>5. Spectrophotometer</li> <li>6. BOD</li> <li>7. Analytical balance</li> <li>8. Reflux apparatus with digestion tubes</li> <li>9. Reflux condenser</li> <li>10. Colorimeter or spectrophotometer</li> <li>11. Membrane filter</li> </ol>

## Applied Science & Humanities

S. No.	Name of the Laboratory	Semester	Lab/Major Equipments
1	Engineering Graphics & Design Lab	1st & 2nd	<ol style="list-style-type: none"> <li>1. Drawing board</li> <li>2. Set squares</li> <li>3. French curves</li> <li>4. Mini drafter</li> <li>5. Instrument box</li> <li>6. Protractor</li> <li>7. Set of scales</li> <li>8. Drawing sheets</li> <li>9. Pencils</li> <li>10. Auto Cad</li> </ol>
2	English Language Lab	1st & 2nd	<ol style="list-style-type: none"> <li>1. Head Phone &amp; Mic</li> <li>2. Computer Lab with 60 Computer</li> </ol>
3	Engg. Physics Lab	1st & 2nd	<ol style="list-style-type: none"> <li>1. Newton's Ring Kit</li> <li>2. Plane Transmission Grating Kit</li> <li>3. Polari meter Kit</li> <li>4. Compound Pendulum</li> <li>5. Energy band gap Kit</li> <li>6. Current carrying coil</li> <li>7. Ammeter, Voltmeter and Potentiometer</li> <li>8. Carey Foster's bridge</li> <li>9. Steffen's law Kit</li> </ol>

4	Workshop Practice Lab	1st & 2nd	<ol style="list-style-type: none"> <li>1. Bench Vice</li> <li>2. Hacksaw</li> <li>3. Files</li> <li>4. Surface Plate</li> <li>5. Try Square</li> <li>6. Hammer</li> <li>7. Calipers</li> <li>8. Jack Plane</li> <li>9. Saw (Hand Saw, Tenon Saw)</li> <li>10. Chisel</li> <li>11. Mallet</li> <li>12. Try Square</li> <li>13. Workbench</li> <li>14. Welding Machine (Arc)</li> <li>15. Welding Electrodes</li> <li>16. Welding Helmet</li> <li>17. Wire Brush</li> <li>18. Chipping Hammer</li> <li>19. Gloves and Safety Gear</li> <li>20. Lathe Machine</li> <li>21. Milling Machine</li> <li>22. Drilling Machine</li> <li>23. Shaping Machine</li> <li>24. Grinding Machine</li> <li>25. Tool Post</li> <li>26. Chuck and Collet</li> <li>27. Sheet Metal Cutter</li> <li>28. Folding Bars</li> <li>29. Punches</li> <li>30. Riveting Tools</li> <li>31. Anvil</li> <li>32. Pattern</li> <li>33. Tongs</li> <li>34. Swage Block</li> <li>35. Power Hexa</li> </ol>
5	Programming for Problem Solving Lab	1st & 2nd	Computer Lab of 60 computers with internet connectivity
6	Basic Electronics Engineering Lab	1st & 2nd	1. CRO, Multimeter, Function Generator, Powersupply, Active & Passive components, Bread Board, Multimeter etc.
			2. P-N Junction diode V-I Characteristic Kit
			3. PN Junction diode Application kit (HWR, FWR, BRIDGE RECTIFIER).

			4. Zener diode V-I Characteristic Kit
			5. Characteristic of BJT Kit(CE configuration)
			6. Operational Amplifier as Adder and Subtractor Kit
			7. Various Logic Gates kit.
			8. sample PCB boards, zero PCB and soldering iron
7	Engineering Chemistry Lab	1st & 2nd	HCl, N/10 NaOH, Solutions of pH = 4 & 9, pH meter, burette, pipette, beakers, measuring cylinder
			Stalgmometer , wide mouthed weighing bottle , a small rubber tube with screw pinch cork, distilled water,
			Ostwald viscometer, rubber tube with screw pinch cock, stand, beaker, distilled water, specific gravity bottle, ethyl Alcohol
			Potassium dichromate, ferrous ammonium sulphate, dilute H <sub>2</sub> SO <sub>4</sub> , Potassium ferricyanide, Burette, Pipette, beaker, conical flask, funnel, glass rod, measuring cylinder.
			N/10 Hypo (Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> . 6H <sub>2</sub> O), bleaching powder sample solution, solid KI, dilute H <sub>2</sub> SO <sub>4</sub> . Starch, Burette, Pipette, beaker, conical flask, funnel, glass rod, measuring cylinder
			EDTA, Eriochrome Black -T ,buffer solution pH = 10 , Burette, Pipette, conical flask, beaker, measuring cylinder
			H <sub>2</sub> SO <sub>4</sub> , Phenolphthalein , Methyl orange ,Burette, Pipette, conical flask, beaker, funnel
			Phenol, Glacial acetic acid, Formaldehyde, and conc. HCl acid
			Measuring cylinder, beakers, glass rod, funnel, filter papers
Urea, Formaldehyde, and conc. H <sub>2</sub> SO <sub>4</sub> acid, Conc. Nitric acid. Cyclohexanone, ice bath, Buchner funnel, round bottom flask			

**Games & Sports Facilities:**

For the overall development of students the Institute has proper in-door and out-doors facilities such as:

- ❖ **Foot Ball**
- ❖ **Cricket**
- ❖ **Volley Ball**
- ❖ **Lawn Tennis**
- ❖ **Badminton**
- ❖ **And many more**

➤ **Teaching Learning Process:**

- ❖ **Interactive Class rooms**
- ❖ **Case method of Teaching**
- ❖ **Use of modern teaching aids**
- ❖ **Group discussion and presentation**
- ❖ **Audio-visual Class rooms**
- ❖ **Instructional videos on various subjects**
- ❖ **Guest Faculty/Guest Speaker**
- ❖ **Visit to Industries**
- ❖ **Summer Training**
- ❖ **Project Work**
- ❖ **Detailed coverage of Syllabus**
- ❖ **Coverage of topics beyond syllabus**
- ❖ **Personality development program**
- ❖ **Well-designed Academic Calendar & implementation**
- ❖ **Faculty Development programme in campus and off campus**
- ❖ **Seminars, Workshop & Research Work**

➤ **Extra Curriculum activities:**

- ✓ **Seminar:** The students have created various societies and through these societies they conduct seminars and conferences at regular intervals. This enables them to improve their communication and organizing ability.
- ✓ **Cultural Activities:** Students are encouraged and provided necessary facilities and guidance to conduct cultural programs, to develop & display their talents. The cultural activities are carried out at regular intervals without affecting programs. The welcome party for the first year and farewell party for the final year students are conducted regularly.

**POST GRADUATE PROGRAMEE**

➤ **MASTER OF BUSINESS ADMINISTRATION [MBA]**

<b>MBA</b>			
Sr. No	Name of the Laboratory	Semester	Lab/Major Equipments
1	IT Skill Lab-1 Computer lab	1	1. No of Computers 60 2. Microsoft Office

□

## Placement Facilities

The Institute has an efficiently functioning Placement Cell headed by Dean, Training & Placement Ms. Aarti Jaiswal continuous touch with the industry & has been able to get 'A' grade MNCs to visit the institute and also arrange Online & Off campus placement. It is headed by:-

- Ms. Aarti Jaiswal (Dean, Training & Placement)
- Mr. Anurag Pandey (Head Training & Placement)
- And other Supporting Staffs

### PLACEMENT DETAILS OF STUDENT IN THE LAST 3 YEAR

Branch	Status	2024-25	2023-24	2022-23	2021-22
CSE	<b>No. Graduated</b>	<b>73</b>	<b>68</b>	<b>66</b>	<b>62</b>
	No. Placed	60	59	52	50
	Min. Salary	2.5 LPA	3 LPA	2.4 LPA	2.40 LPA
	Max. Salary	6.65 LPA	7.25 LPA	5.5 LPA	4.50 LPA
IT	<b>No. Graduated</b>	<b>60</b>	<b>69</b>	<b>61</b>	<b>52</b>
	No. Placed	51	56	50	39
	Min. Salary	2.4 LPA	3 LPA	1.50 LPA	2.10 LPA
	Max. Salary	6.42 LPA	7.25 LPA	4.5 LPA	5.0 LPA
CSD	<b>No. Graduated</b>	<b>59</b>			
	No. Placed	48			
	Min. Salary	2.5 LPA			
	Max. Salary	6.65 LPA			
EC	<b>No. Graduated</b>	<b>43</b>	<b>46</b>	<b>36</b>	<b>30</b>
	No. Placed	38	38	27	19
	Min. Salary	2.28 LPA	2.86 LPA	2.4 LPA	2.50 LPA
	Max. Salary	6.50 LPA	6.5 LPA	4.7 LPA	4.70 LPA

EE	<b>No. Graduated</b>	<b>53</b>	<b>52</b>	<b>57</b>	<b>47</b>
	No. Placed	48	46	53	40
	Min. Salary	2.28 LPA	2.50 LPA	2.4 LPA	2.40 LPA
	Max. Salary	6.42 LPA	6.5 LPA	5.17 LPA	4.0 LPA
ME	<b>No. Graduated</b>	<b>81</b>	<b>74</b>	<b>85</b>	<b>106</b>
	No. Placed	69	69	69	71
	Min. Salary	2.28 LPA	2.5 LPA	2.4 LPA	1.50 LPA
	Max. Salary	6 LPA	7.25 LPA	5.5 LPA	7.20 LPA
CE	<b>No. Graduated</b>	<b>81</b>	<b>90</b>	<b>83</b>	<b>84</b>
	No. Placed	59	59	61	50
	Min. Salary	2.6 LPA	2.50 LPA	2.4 LPA	2.16 LPA
	Max. Salary	6 LPA	6.5 LPA	3.6 LPA	3.6 LPA
BT	<b>No. Graduated</b>	<b>49</b>	<b>70</b>	<b>54</b>	<b>66</b>
	No. Placed	46	48	47	35
	Min. Salary	2.4 LPA	2.25 LPA	2.4 LPA	2.10 LPA
	Max. Salary	6 LPA	7.25LPA	4.8 LPA	4.80 LPA
	No. Placed	NO DATA	NO DATA	NO DATA	NO DATA
	Min. Salary				
	Max. Salary				
MBA	<b>No. Graduated</b>	<b>63</b>	<b>57</b>	<b>54</b>	<b>43</b>
	No. Placed	54	48	48	33
	Min. Salary	3.0 LPA	3.0 LPA	2.4 LPA	2.20 LPA
	Max. Salary	7 LPA	9.20 LPA	9.20 LPA	8.0 LPA