

# Shri Ramswaroop Memorial College of Engineering & Management Lucknow – 226 028



## **MANDATORY DISCLOSURE**

**SESSION (2023-24)**

**For B.Tech., M.Tech., MBA and MCA Courses**

1. Name of the Institute

**Shri Ramswaroop Memorial College of Engineering & Management**

Tewariganj, Faizabad Road, Lucknow -226 028  
Phone No: +91 9839210067, +91 9839010407  
e-mail : [registrar@srmcem.ac.in](mailto:registrar@srmcem.ac.in) ; [coe@srmcem.ac.in](mailto:coe@srmcem.ac.in)  
website : [www.srmcem.ac.in](http://www.srmcem.ac.in)

2. Name & Address of the Trust/ Society/ Company and the Trustees

**Shri Ramswaroop Memorial Institute of Management & Computer Application**

Tewariganj, Faizabad Road, Lucknow -226 028

SL	NAME	DESIGNATION	BACKGROUND
1.	SH. LAXMI NARAIN AGARWAL	PRESIDENT	INDUSTRIALIST
2.	SH. BANWARI LAL KANCHAL	VICE-PRESIDENT	SOCIAL WORKER
3.	SH. NAGENDRA KR AGARWAL	SECRETARY	INDUSTRIALIST
4.	SMT. POOJA AGARWAL	TREASURER	ACADEMICIAN
5.	DR. S.P. DIXIT	MEMBER	ECONOMIST
6.	DR. BHARTENDU AGARWAL	MEMBER	DOCTOR
7.	DR. SWATI AGARWAL	MEMBER	DOCTOR

3. Name and Address of the Vice Chancellor/ Principal/Director

**Prof. (Dr.) Bhavesh Kumar Chauhan, Director**

Tewariganj, Faizabad Road, Lucknow -226 028  
Mobile -9415115064  
e-mail : [principal@srmcem.ac.in](mailto:principal@srmcem.ac.in)

4. Name of the affiliating University

**Dr. A.P.J. Abdul Kalam Technical University**

Sector-11, Jankipuram Vistar, Lucknow,  
Uttar Pradesh,  
Pin Code-226031

## 5. Governance

### → Members of the Board and their brief background

S.No	Name	Appointment	Nomination Status/Occupation
1.	Shri Laxmi Narain Agarwal	Chairman	Nominee of SRMIMCA (society)/ Industrialist
2.	Shri Nagendra Kumar Agarwal	Member	Nominee of SRMIMCA (society)/ Industrialist
3.	Er. Pankaj Agarwal	Member	Nominee of SRMIMCA (society)/ Academician and an Eminent Technologist
4.	Er. Pooja Agarwal	Member	Nominee of SRMIMCA (society)/ Academician
5.	Dr. Bhartendu Agarwal	Member	Nominee of SRMIMCA (society)/ Doctor and Academician
6.	Dr. Swati Agarwal	Member	Nominee of SRMIMCA (society)/ Doctor and Academician
7.	Mr. Banwari Lal Kancchal	Member	Nominee of SRMIMCA (society)/ Socialist and MLC (Ex)
8.	Prof. (Dr.) Bobby W. Lyall	Member	Nominee Teaching Faculty Member
9.	Nominee of the affiliating University	Member	Nomination of said member from AKTU
10.	Nominee of the StateGovt. (U.P)	Member (Ex-officio)	Nomination of said member from State Govt. (U.P)
12.	Prof. (Dr) Bhavesh Kr. Chauhan	Member Secretary	Nominee of SRMIMCA (Society) Director, SRMCEM (Ex-Officio)

### → Members of Academic Advisory Body

S No.	Name	Affiliation
1	Dr. Devi Singh	Ex-Director, IIM, Lucknow
2	Dr. R. C. Malhotra	Ex-Director, IIT, Kanpur
3	Dr. C. V. R. Murty	B.Tech., IIT Madras; M.Tech., IIT Madras ; Ph.D, California Institute of Technology, USA; Professor, Ex-HOD, Department of Civil Engineering, IIT, Kanpur
4	Mr. V. K. Agarwal	B.Tech., IIT Kharagpur ; Client Server Technology, IIM, Ahmedabad
5	Mr. Dinesh Chand	B.Tech., IIT, Kharagpur, MS, University of California, USA, Ex-Vice President, ITC.
6	Mr. Karun Jain	B.Tech., IIT, Kanpur; MS, Stanford University, USA

7	Mr. Harvilas Gupta	Chairman, Advance Institute of Management, Ghaziabad, Sathe Group of Industries, Ghaziabad
8	Mr. Neeraj Agarwal	B.Tech., IIT, Kanpur,; M.S., University of Connecticut, USA, Fellowship, Massachusetts Institute of Technology, USA
9	Mr. Navin Agarwal	B.E., University of Roorkee, M.S., University of Minnesota, USA
10	Prof. Vijay R. Kannan	Prof. of Operations Management, Utah State University, USA
11	Mr. Pankaj Agarwal	B.Tech., IIT, Kanpur, Executive Director, SRMCEM
12	Dr. Jabir Ali	Asstt. Professor, Dept. of Agri Business, IIM, Lucknow
13	Mr. C. Srinivasan	MBA, PG Dip. (IR and PM), Head (HR), Ramkey Group, Hyderabad
14	Mr. Kapil Mehan	MBA, IIM Ahmedabad, MD, Coromendal International Limited, Secunderabad.
15	Dr. Partha Chakroborty	Ph. D, University of Delaware, Professor, Department of Civil Engineering, IIT, Kanpur

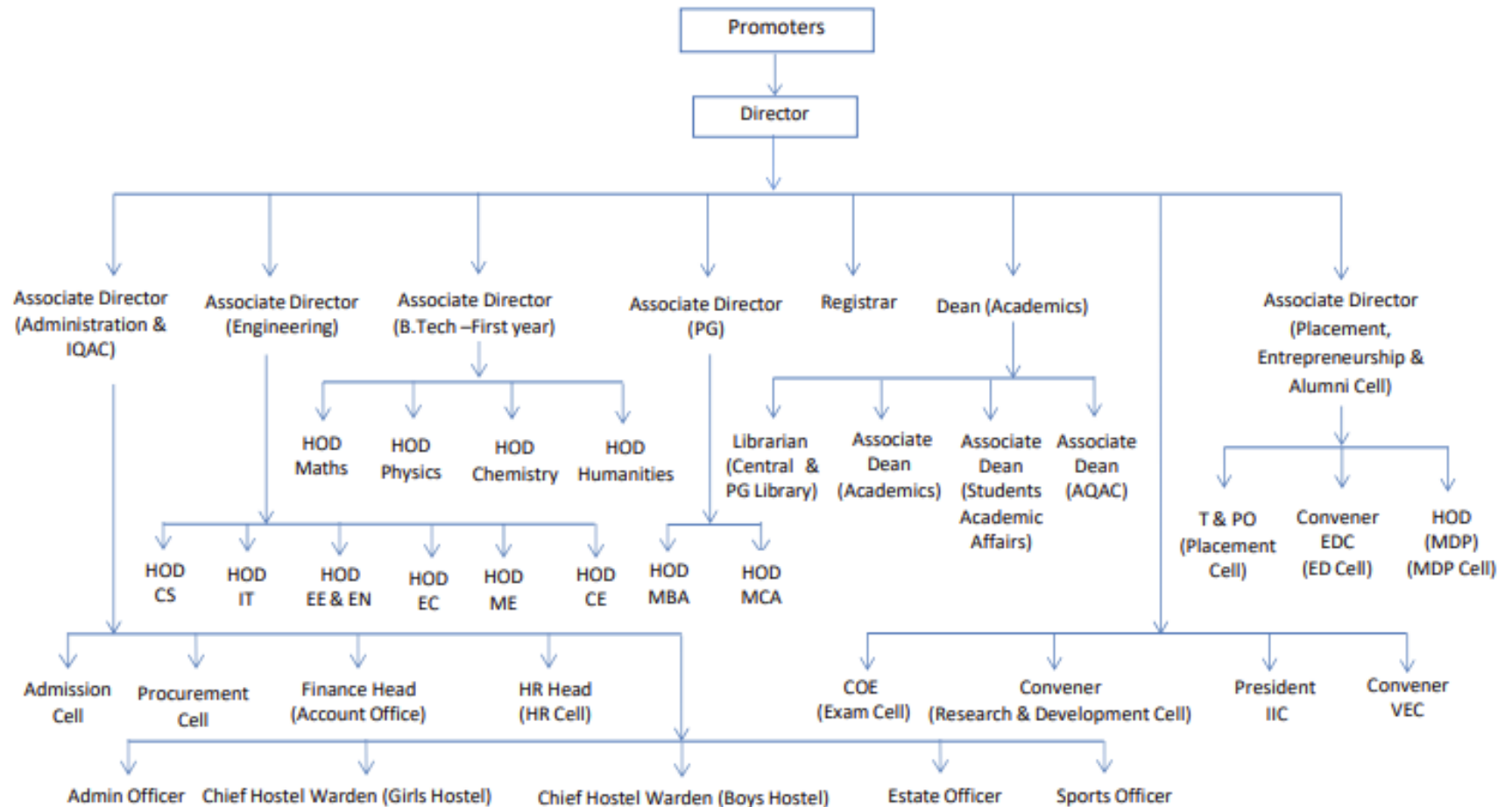
### → Frequently of the Board Meeting and Academic Advisory Body

Meeting of Board are generally held twice in an academic session and Academic Advisory Body meets annually.

## → Organization Chart and Processes



Shri Ramswaroop Memorial College of Engineering and Management, Lucknow (SRMCEM)



## → **Nature and Extent of involvement of faculty and students in academic affairs /improvements:**

Primary role of key persons like Director, Head of Departments, Professors etc. is to ensure that quality education is imparted in true spirit in consonance with the policies of AICTE, University and Management of the college. They are continually involved in evolving new strategies to improve the teaching learning process in order to produce students with ability to apply what they learn, believe in lifelong learning and dedicated themselves to work for the common good.

Senior key persons are responsible for –

- i) Ensuring overall discipline.
- ii) Maintaining a conducive learning environment.
- iii) Delegate powers to subordinates.
- iv) Nurture the young faculty.
- v) Build a well-SRMCEM team.
- vi) Develop industry contacts.

Every department of the institute has departmental Societies conducted & organized by the students. The seminar & colloque conducted under the auspices of these Societies result in a high level of interaction between of student & faculty and often an inter-department interaction. These have resulted in ideas emanating towards the improvement of the department. Further regular departmental meetings chaired by HODs- result in concrete suggestions.

## → **Mechanism / Norms & Procedure for democratic / good Governance:**

SRMCEM governed on the well-established practices of governance followed hitherto by SRMIMCA (Society). Under this system the Board of Governors/Governing council lays down the policies. The Governing Council comprises the management representatives, academicians of repute in the concerned field, noted scholars having institution building experience and finally the representatives of the industry. The progress of the institute reviewed regularly by convening the Governing Council meetings and directions given to correct the course of action in case of any deviations and provide guidance to the future plans. The institute has a high level of delegation of powers whereby the HODs organize and run their departments with free hand. This can be said at all level of the SRMCEM organization.

## → **Student Feedback on Institutional Governance/faculty performance:**

In order to get a realistic evaluation of faculty and managements' delivery of services, the college promotes constructive feedback from students, both in formal and informal forms, with the sole aim to improve. In this regard, the students are encouraged to share their mind or grievances at any time with their HoDs or higher authorities either verbally or in writing through e-mails or suggestion boxes. Notwithstanding this, during mid of semester a confidential feedback drive is conducted centrally through college ERP. Lastly, at the end of the final year, a special feedback drive is also carried out for the passing out

batch in the form of an Exit Survey. This is to get the students' overall feedback on various academic and non-academic entities. The feedback, irrespective of mode of communication, is always given due attention, and is followed up rigorously to appreciate the good work and correct the shortcomings.

### → Grievance Redressal Mechanism for faculty, staff and students:

The institute has a high-level committee to look into disciplinary cases and grievances of faculty, staff and students. The committee is headed by Director and members are from different department. The cases are first viewed by the HOD and thereafter if it is beyond their level the cases are forward to the committee. Even the individual may put up their cases in the committee directly. Then the committee puts up their recommendations/suggestion to the higher authority to take decisions. The existing system is quite effective. Further, there is a tradition in our Institute wherein any faculty/staff member or a student can directly meet the Director of the Institute.

### → Establishment of Anti Ragging Committee

Ragging is a Criminal Offence & it is totally prohibited within or outside the institute as per "The Uttar Pradesh prohibition of ragging in the Educational Institutions Act 2010 : (U.P. Act No. 14 of 2010)", passed by the Uttar Pradesh legislature and orders issued by Hon'ble Supreme Court of India dated 08th May, 2009.

For the academic session 2023-24, Anti Ragging Committee consists of the following members:-

		<u>Position</u>
1.	Prof. (Dr.) B.K. Chauhan - Head of Institution	Chairperson
2.	Prof. (Dr.) Bobby W. Lyall - Sr. Faculty Member	Convener
3.	Dr. Satish Chand - Registrar	Member Secretary
4.	Prof. (Dr.) S. Ali - Faculty Member	Member
5.	Prof. (Dr.) Indu Prabha Singh - Faculty Member	Member
6.	Prof. (Dr.) Radhey Shyam - Faculty Member	Member
7.	Prof. (Dr.) Q.M. Rizvi - Faculty Member	Member
8.	Er. Akhilesh Kr. Rathore - Faculty Member	Member
9.	Er. Akhil Pandey - Faculty Member	Member
10.	Dr. Pankaj Kumar - Faculty Member	Member
11.	Dr. Shailesh Tandon - Faculty Member	Member
12.	Dr. Santosh Kr. Dwivedi - Faculty Member	Member
13.	Dr. Priyanka Srivastava - Faculty Member	Member
14.	Dr. L. Chandiramani - Girls Hostel Warden	Member
15.	Er. Braj Kishore - Boys Hostel Warden	Member
16.	Aryan Verma - Name of New Student B.Tech. CE 1 <sup>st</sup> Year	Member
17.	Aman Yadav, - Name of Old Student B.Tech. IT 2 <sup>nd</sup> Year	Member
18.	Name of Non-teaching Staff - Mr. Anup Dwivedi	Member

### **Representatives from outside the Institute:**

- |                                |   |        |
|--------------------------------|---|--------|
| 19. Civil Representative       | - Dr. Ajeet, In-Charge,<br>Barabanki Prathamik Swastha<br>Kendra                | Member |
| 20. Police Representative      | - Mr. P N Singh,<br>Chowki-In-Charge Chinhath, Lucknow                          | Member |
| 21. Local Media Representative | - Mr. K.P. Tiwari<br>Amar Ujala Newspaper.                                      | Member |
| 22. NGO Representative         | - Mr. Sunil Yadav, Director,<br>Manav Uttan Samiti, Tewariganj,<br>Lucknow.     | Member |
| 23. Parents of student         | - Mr. Bhanu Pratap Yadav F/o Shashank<br>Yadav, B.Tech. CS 2 <sup>nd</sup> Year | Member |

### **→ Establishment of Internal Complaint Committee (ICC)**

Gender Sensitization, Prevention and Prohibition of Sexual Harassment of Women Employees and Students and Redressal of Grievances in Technical Education Institutions Regulations has been notified by the AICTE on 10 June 2016. These Regulations are based on Sexual Harassment of Women at Workplace (Prevention, Prohibition And Redressal) Act 2013.

SRMCEM has ZERO tolerance policy against sexual harassment. The Internal Complaints Committee (ICC) is hereby reorganized according to the norms specified in the Act, 2013 & Regulations, 2016 as under:-

- |        |  |             |                                    |
|--------|--|-------------|------------------------------------|
| (i)    | Prof. Indu Prabha Singh                | Chairperson |                                    |
| (ii)   | Prof. Gaurav Mishra                    | Member      | (Nominee- Teaching Faculty Member) |
| (iii)  | Er. Sandhya Srivastava                 | Member      | (Nominee- Teaching Faculty Member) |
| (iv)   | Dr. L. Chandiramani                    | Member      | (Nominee – Non-Teaching Staff)     |
| (v)    | Ms. Swati Srivastava                   | Member      | (Nominee – Non-Teaching Staff)     |
| (vi)   | Ms. Nandini Yadav<br>(2201220130077)   | Member      | (Nominee – Student-Female)         |
| (vii)  | Ms. Priya Prajapati<br>(2201220700064) | Member      | (Nominee – Student-Female)         |
| (viii) | Mr. Aman Yadav<br>(2201220130024)      | Member      | (Nominee – Student-Male)           |
| (ix)   | Ms. Anjali Singh,<br>(Advocate)        | Member      | (Nominee – Non Govt. Organization) |

### **→ Establishment of Committee for SC/ST**

According to AICTE norms, the SC/ST committee (As per the Scheduled Castes and the Scheduled Tribes (Prevention of Atrocities) Act 1989, No 33 of 1989, dated 11 November 1989) has been established in the SRMCEM.

- |    |                            |   |
|----|----------------------------|---|
| 1. | Prof. (Dr.) Bobby W. Lyall | - Chairperson                                 |
| 2. | Prof. (Dr.) S. Ali         | - Sr. Faculty Member (Representative –Others) |
| 3. | Er. Dinesh                 | - Faculty Member (Representative –SC/ST)      |



4. Mr. Neeraj Arya - Non-Teaching Member (Representative –SC/ST)
5. Ms. Khushboo Chaudhary - Student Member (Representative –ST female)

The objectives of the SC/ST Committee are as follows-

- a. To implement the reservation policy for SCs/STs in the Institution; collect data regarding the implementation of the policies in respect of admissions, appointments to teaching and non-teaching positions in the Institution, and analysis of the data towards fulfilling the required quota.
- b. Promotes the special interest of students in the reserved category and to provide special inputs in areas where the students experience difficulty.
- c. Conduct remedial coaching classes on life skills, personality development, writing assignments and making presentations and also have to organize interactive sessions and informal meetings with students to attend to their personal, social and academic problems.

### → Internal Quality Assurance Cell

Internal Quality Assurance Cell is conceived as a mechanism to build and ensure a quality culture at the institutional level. It is meant for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the college. Since quality enhancement is a continuous process, IQAC will work towards realization of the goals of quality enhancement, quality sustenance and academic excellence.

#### **Objective of IQAC**

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institution. For this, there is a need to channelize all the efforts and measures towards promoting the holistic academic excellence. The overall aim is to establish internalization of quality culture and institutional best practices.

#### **Composition of the IQAC -**

SNo.	Name	Representation
1	Prof. (Dr.) Bhavesh Kr Chauhan	Chairman [Director]
2	Prof. (Dr.) V. K. Singh	Secretary [Director IQAC/Admin.]
3	Er. Ranjan Tripathi	Assoc. Dean-Academics
4	Prof. Gaurav Mishra Dr. Atul Kumar Er. Parmod Kumar Dr. L. Chandiramani Dr. Ashish Awasthi	Faculty Member Rep. [HoD-MCA] Faculty Member Rep. [HoD-CSE] Faculty Member Rep. [Assoc. Dean-AQAC] Faculty Member Rep. [COE] Faculty Member Rep. [Assoc. Dean-SAAC]
5	Prof. Manish Sharma Dr. Satish Chand Dr. Ashish Avasthi Ms. Aparna Pal Prof. (Dr.) Firoz Ahmad	Admin. Rep. [Director-CR & Placement] Admin. Rep. [Registrar] Admin. Rep. [Chief Warden-Boys Hostel] Admin. Rep. [Asst. Librarian] Admin. Rep. [System Administrator]
6	Mr. Ojaswa Deep Singh	Rep. [Alumni]
7	Mr. Ankit Yadav	Rep. [Students]
8	Mr. Rajeev Sharma Mr. Anil Kumar Singh	Rep. [Employers/Industry] Rep. [Employers/Industry]
9	Mr. V. P. Singh	Rep. [Stake Holders-Father of a Student]

		(1812210030: Aparna Singh, CS-71)]
10	Dr. Sandeep Gupta	Rep. [External Professor/Faculty Member]
11	Er. Bhaskar Pandey	Special Invitee [President-IIC]

**Functions of the IQAC are:**

- (a) Development and application of quality benchmarks;
- (b) Laying down parameters for various academic and administrative activities of the institution;
- (c) Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- (d) Collection and analysis of feedback from all stakeholders on quality-related institutional processes;
- (e) Dissemination of information on various quality parameters to all stakeholders;
- (f) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- (g) Documentation of the various programmes /activities leading to quality improvement;
- (h) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices,
- (i) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- (j) Periodical conduct of academic and administrative audit and its follow-up.

6. Programmes

→Name of the Programs approved by the AICTE

Courses	Seats	Duration	Entry level	Tuition Fee
B. Tech. (Civil Engg.)	60	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. (Computer Science & Engg.)	180	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. Computer Sc. & Engg. (Artificial Intelligence & Machine Learning)	60	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. Computer Sc. & Engg. (Data Science)	60	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. Computer Sc. & Engg. (Internet of Things)	60	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. Computer Sc. & Engg. (Cyber Security)	60	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. (Information Technology)	120	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. (Electrical Engg.)	120	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. (Electrical & Electronics Engg.)	30	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
B. Tech. (Electronics & Comm. Engg.)	120	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-

B. Tech. (Mechanical Engg.)	60	4-years	10+2 (PCM >45%)	Rs. 1,03,110/-
M. Tech. (CSE, Civil Engg., Environmental Engg.)	27	2-years	B.Tech. >60%	Rs. 1,03,245/-
MBA	120	2- years	Graduation >50%	Rs. 1,03,379/-
MCA	120	2- years	Graduation >50%	Rs. 1,03,650/-

→ **Name of the Programs Accredited by the NBA**

Course Name	Duration	Remarks
B. Tech. (Computer Science & Engg.)	3 years	Academic year 2022-23, 2023-24 & 2024-25 upto 30.06.2025
B. Tech. (Electronics & Communication Engg.)	3 years	Academic year 2022-23, 2023-24 & 2024-25 upto 30.06.2025

→ **Status of Accreditation of the courses**

Details	Remarks
Total Number of Courses	13
No. of Courses for which applied for Accreditation	01
Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for . . .Courses (specify the number of courses)	Accreditation accorded – 02 Accreditation applied – 01 Not eligible for Accreditation – 07 Eligible but not applied - 03

→ **Last Rank for admission during last three years**

Courses	Years								
	2023-24 (JEE-Mains)			2022-23 (JEE-Mains)			2021-22 (JEE-Mains)		
	Gen	SC/ST	OBC	Gen	SC/ST	OBC	Gen	SC/ST	OBC
CE	112954		271709	476252	487903	522128	771248	414746	736256
CSE	659529	918537	944136	556610	784458	617772	755647	832102	413264
CSE(AIML)	500076	734514	886507	592052	730994	870362	776954	--	450642
CSE(DS)	616283	--	771833	690744	--	648083	--	--	--
CSE(IoT)	913652	--	--	--	--	--	--	--	--
CSE(CY)	836664	--	661882	--	--	--	--	--	--
IT	844020	--	102696 7	832423	--	737403	780862	--	814705
EE	1041547	--	286261	190261	276362	--	--	393715	709112

EN	--	--	--	--	--	--	--	--	--
EC	488298	--	821940	873251	--	756041	833124	--	--
ME	558626	--	484869	--	--	--	--	--	--
MBA	20274	--	20817	15649	7598	13396	2979	--	2694
MCA	22869	--	23446	12864	--	7356	2886	--	3028

### → Placement Facilities -

The college has an efficiently functioning Placement Cell headed by Director (Placement, Entrepreneurship and Alumni) – Dr. Om Prakash. He is in continuous touch with the industry & has been able to get 'A' grade MNCs to visit the institute and also arrange OFF campus placement. He is assisted by the following: -

S. No	Name	Designation	Department
1	Dr. Om Prakash	Director (Placement)	Training & Placement
2	Mr. Shivam Soni	Secretary, Institute- Industry Cell	Asstt. Manager, T&P Cell
3	Mr. Krishn Mohan Maurya	Member, Institute- Industry Cell	Asstt. Manager, T&P Cell
4	Er. Anjali Nasoria	Member, Institute- Industry Cell	Asstt. Professor, EC Deptt.
5	Dr. Prabhat Srivastava	Member, Institute- Industry Cell	Asstt. Professor, Mgmt Deptt.
6	Er. Jayati Vaish	Member, Institute- Industry Cell	Asstt. Professor, EE Deptt.
7	Dr. Salauddin Niyazi	Member, Institute- Industry Cell	Asstt. Professor, Mgmt Deptt.
8	Mr. Sanjay Pandey	Member, Institute- Industry Cell	Asstt. Professor, CA Deptt.
9	Mr. Shadab Ali	Member, Institute- Industry Cell	Asstt. Professor, CA Deptt.
10	Er. Vivek Agnihotri	Member, Institute- Industry Cell	Asstt. Professor, ME Deptt.
11	Er. Prabhat Kr. Yadav	Member, Institute- Industry Cell	Asstt. Professor, IT Deptt.
12	Er. Anuj Singh	Member, Institute- Industry Cell	Asstt. Professor, CSE Deptt.
13	Ms. Mugdha Mishra	Member, Institute- Industry Cell	Corporate Member
14	Mr. Morvi Dhawan	Member, Institute- Industry Cell	Corporate Member
15	Mr. Bhupendra Singh	Member, Institute- Industry Cell	Corporate Member

### → Total no. of students placed by the Institution through its Placement Cell

Year	Discipline	Total no. of students passed out	Total no. of students placed through placement cell/Selected for higher studies/opted entrepreneurship
Batch 2023 passout	Computer Science & Engg.	138	112
	Information Technology	127	114
	Electrical & Electronics Engg.	05	03
	Electronics & Comm. Engg.	105	96
	Mechanical Engg.	72	68
	Civil Engineering	78	35
	Electrical Engg.	65	62
	MBA	48	43
	MCA	32	22
Batch 2022 Passout	Computer Science & Engg.	121	100
	Information Technology	110	91
	Electrical & Electronics Engg.	15	08

	Electronics & Comm. Engg.	134	99
	Mechanical Engg.	125	81
	Civil Engineering	109	34
	Electrical Engg.	108	51
	MBA	53	45
	MCA	40	37
Batch 2021 passout	Computer Science & Engg.	125	95
	Information Technology	91	68
	Electrical & Electronics Engg.	34	18
	Electronics & Comm. Engg.	116	85
	Mechanical Engg.	171	87
	Civil Engineering	125	48
	Electrical Engg.	104	47
	MBA	83	58
	MCA	27	13

Students placed are working with Minimum Salary of Rs. 1.8 lacs per year, Maximum Rs. 19.0 lacs per year and Average Salary of Rs. 3.5 lacs per year.

**→ Name and duration of program(s) having affiliation/collaboration with Foreign University(s) Institution(s) and being run in the same Campus along with status of their AICTE approval.**

-----NIL-----

Details of the Foreign Institute / University: NIL

For each Collaborative/affiliated Programme. : NIL

Whether the Collaborative Programme is approved by AICTE? NIL

## 7. FACULTY

Courses	No. of Faculty Members	Remarks
B. Tech. (Civil Engg.)	15	All the faculty members are permanent and are appointed through proper Selection Committee & AKTU Representative
B. Tech. (Computer Science & Engg.)	32	
B. Tech. CSE (Artificial Intelligence & Machine Learning)	6	
B. Tech. CSE (Data Science)	3	
B. Tech. (Information Technology)	19	
B. Tech. (Electrical Engg.)	18	
B. Tech. (Electronics & Comm. Engg.)	17	
B. Tech. (Mechanical Engg.)	15	

B.Tech. First Year (Common Faculty Members)	47	
M. Tech. (CSE, Civil Engg., Environmental Engg.)	6	
MBA	15	
MCA	12	

We at SRMCEM, are maintaining faculty student ratio as per AICTE norms

## 8. Profile of Vice Chancellor/ Director/ Principal/Faculty

**Name** : Prof. (Dr.) Bhavesh Kumar Chauhan  
**Date of Birth** : 15.07.1974  
**Unique ID** : 1-4871951428  
**Academic qualification** : Ph.D (Electrical Engg.) - 2011  
M.Tech. (Electrical Engg.) - 2018  
B.Sc.(Engg.)-Electrical Engg. - 1997

**Work Experience** : 30 years  
Teaching : 23 years  
Research : 03 years  
Industry : 04 years  
Other : Nil

**Date of appointment** : 27 April 2021  
(in present institution)

### Research Guidance

Project Guided (UG) - 31  
Project Guided (PG) - 06  
Research Project Guided (Ph.D.) - 02  
Number of Books Published - 01  
Research Paper Published (National Level) - 07  
Research Paper Published (Inter-National Level) - 16

### Academic Memberships

- Member, Academic Council, Dr. APJ Abdul Kalam Technical University, 2019-21.
- Member, IQAC, Dr. APJ Abdul Kalam Technical University 2020-21.
- Member, Central Examination Committee, Dr. APJ Abdul Kalam Technical University, 2020-21.
- Member, Central Admission Board, Dr. APJ Abdul Kalam Technical University, 2014& 2015
- Member, Research Degree Committee, Electrical Engineering, Dr. APJ Abdul Kalam Technical University 2014-15.
- Special Invitee to Board of Studies, Electrical Engineering, Dr. APJ Abdul Kalam Technical University.
- Honored by Rotary Club for unprecedented contribution in the field of education on Teacher's day by the state education minister.
- Young Scientist Award by Center for Education Growth & Research, New Delhi,
- Teacher Excellence Award 2014 by Confederation of Education Excellence, New Delhi
- IEEE National Level Project Competition Jury Member

- Chaired Session of National and International Conferences
- Merit Certificate from Indian Association of Physics Teachers.
- Articles published in National Dailies.
- Held top ranks in General Knowledge Quizzes.
- IEEE SIG (Standard Initiative Group) Focus Group member
- Diploma in Industrial Psychology from Indian School of Labour Education Madras, recognized by Government of India, Ministry of Defence, 1995.
- Certificate in Export Marketing from Uttar Pradesh Export Promotion Council, recognized by Government of Uttar Pradesh. 1994
- First Rank in University Grand Quiz, 1995-96.
- Ph.D. Thesis acknowledged by ISTE and IEEE.
- Life Member of the Indian Society for Technical Education
- Honoured by IEEE as “Chief Advisor” during the session 2019-20 for contribution towards the professional development and successful conduct of IEEE BBDITM student branch activities.
- Honoured for successful completion of a One Week International Faculty Development Programme on “Innovative E-Teaching Practices in Management and Technology” organized by department of Management in Collaboration with Dr. Akhilesh Das Gupta Institute of Technology and Management, New Delhi on 8-12 June, 2020.
- Honoured for successful completion of a One Week Management Development Programme on “Do your Own Venture” under the aegis of Aatma-Nirbhar Bharat held from July 6-11, 2020.
- Honoured for successful completion of a One Week Faculty Development Programme on “National Education Policy-A Way Forward” organized by BBD Educational Group, Lucknow in collaboration with Indian Council of Historical Research and Indian Council of Philosophical Research, Ministry of Education, Government of India from September 11-16, 2020.

## 9. FEE

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

B.Tech.	-	Rs. 1,03,110/ - per year
M.Tech.	-	Rs. 1,03,379/ - per year
MBA	-	Rs. 1,03,650/ - per year
MCA	-	Rs. 1,03,245/ - per year

### → Time Schedule for payment of fee for the entire Programme:

Charged annually in routine but also accepted in installments on request.

### → No. of Fee waivers granted with amount and name of students

Total No. of Tuition Fee Waiver Granted (all years) – 124 students

Engg. & Technology	-	106 students
MBA	-	13 students
MCA	-	5 students

Total amount against TFW waived-off for students is = Rs.12793335.00

→ **Criteria for Fee waivers/scholarship**

Tuition Fee waiver students are being allotted through Counselling conducted by the affiliating University based on their performance in the Entrance Examination and priority given to the prescribed category as decided by All India Council for Technical Education, India.

→ **Number of Scholarship offered by the institute:**

Scholarship schemes offered by Department of Social Welfare Govt. of India are available for students belonging to SC/ST/Minority categories.

Apart from this, SRMCEM has the following Scholarship Scheme for the Students: -

**(a) University Top 10 Rank Holders :**

University Gold Medalist	- Rs. 100000/- each
University Silver Medalist	- Rs. 50,000/- each
University Bronze Medalist	- Rs. 25,000/- each

In the Merit list between 4 to 20 position - Rs. 15000/- each

**(b) Merit based Scholarship for Course / Branch Toppers at College level (Over All)**

1st Position in each branch	- Rs. 10000/-
2nd Position in each branch	- Rs. 5000/-

**(c) Merit based Scholarship for Course / Branch Toppers at College level (yearwise)**

1st Position in each branch	- Rs. 5000/-
2nd Position in each branch	- Rs. 2000/-

Toppers of the class will be judged on the basis of the result of both semesters (without carryover/clear pass in first attempt) and this incentive will be awarded for the following year.

**(d) College Merit based Scholarship**

All Students who have scored minimum 75% Marks – Rs. 1000/-

**(e) Best Project (for final year student) - Medal (branch wise)**

→ **Estimated Cost of Boarding and Lodging in Hostels**

Hostel Accommodation Charges (Double seater)	Rs. 75,000/--per
Hostel Accommodation Charges (Single seater) (inclusive of Messing charges)	Rs. 85,000/--per



## 10. ADMISSION

➔ Number of Seat sanctioned course wise with students admitted.

AICTE Approved Intake during last 4 years												
Level	Courses	1 <sup>st</sup> Year of approval by AICTE (give approval ref. no. & date)	2023-24		2022-23		2021-22		2020-2021		Accreditation Status	
			Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions	Sanctioned intake	Actual admissions		
UG(FT)	Computer Science & Engg.	F.No. Northern/1-36962569110/2023/EOA Dt. 10-Jun-2023	180	180	180	180	120	120	120	120	Accredited upto 30.06.2025	
	Electronics & Communication Engg		120	39	120	68	120	43	150	84		
	Information Technology		120	94	120	120	120	103	120	120		
	Civil Engg.			60	17	120	14	120	31	120	56	NA
	Electrical Engg.			120	06	120	07	120	16	120	32	
	Electrical & Electronics Engg.			30	0	30	0	30	0	30	0	
	Mechanical Engg.			60	08	120	07	120	12	180	39	
	CSE (Artificial Intelligence & Machine Learning)			60	60	60	59	60	60	0	0	
	CSE (Data Science)			60	44	60	59	0	0	0	0	
	CSE (Cyber Security)			60	37	0	0	0	0	0	0	
	CSE (Internet of Things)			60	33	0	0	0	0	0	0	
PG(FT)	M.B.A.		120	111	120	100	120	60	120	61	NA	
	M.C.A.		120	80	120	100	120	47	120	43		
	M.Tech. (Civil Engg.)		09	0	09	0	09	0	09	0		
	M.Tech. (Computer Science & Engg.)		09	01	09	0	09	0	18	0		
	M.Tech. (Environmental Engg.)		09	01	09	0	09	0	09	0		

→ **Number of applications received during last (2023-24) years for admission under Management Quota and number admitted.**

In last years (i.e. session 2023-24, about 426 applications for B. Tech. and about 105 applications for MBA , 87 applications for MCA have been received for admission under Management quota/leftover seats and 302 students in B.Tech. and 101 students in MBA, 83 students in MCA were given admissions.

## **11. Admission Procedure**

### **Admission to B. Tech First Year:**

**Eligibility:** As notified in JEE (Mains) brochure

#### **Total Seats available to different Mode of Admission –**

- (i) Through Counselling :** 85% seats of total approved intake will be filled through JEE (Mains) counselling.
- (ii) At College Level :** Remaining 15% seats of approved intake will be filled under Management quota.

#### **Procedure for Admission**

- (i) Admission Test & Counselling :** Students have to appear for JEE(Mains) examination conducted by NTA and followed by UPCET counselling.
- (ii) Through Management Quota:** Candidate has to apply online through the institute website. Institute will shortlist the candidate on the basis of their PCM merit at 10+2 level & candidate will be called for written test and personal interview. On successful completion of a written test and interview, the candidate will be offered admission.

### **Admission to M.B.A. First Year:**

**Eligibility:** As notified in CMAT/UPCET brochure

#### **Total Seats available to different Mode of Admission –**

- (i) Through Counselling :** 85% seats of total approved intake will be filled through UPCET/CMAT counselling.
- (ii) At College Level :** Remaining 15% seats of approved intake will be filled under Management quota.

### **Admission to M.C.A. First Year:**

**Eligibility:** As notified in UPCET brochure

#### **Total Seats available to different Mode of Admission –**

- (i) Through Counselling :** 85% seats of total approved intake will be filled through UPCET counselling.
- (ii) At College Level :** Remaining 15% seats of approved intake will be filled under Management quota.

**→ Calendar for Admission in Management/Vacant Seats :**

- Last date for application for admission : Every year depending upon the Counseling
- Last date for submission of application : Depending upon the University guideline in this respect.
- Dates for announcing final results : Depending upon the University guidelines in this respect.
- Release of Admission list : Within 2-3 days after announcing results.
- Date for acceptance by the candidates : within 1 week after releasing the Admission list.
- Last date for closing admission : Every year depending upon the guideline by the University in this respect.
- Starting of Academic Session : Every year subject to University guideline and as per AICTE Calendar for the same.
- Refund of fee in case of withdrawal : As per AICTE guidelines

## 12. Criteria And Weightage For Admission

### → Eligibility Criteria

SI	Type of the Programme	Duration (Full-time)	Minimum Qualifications for Admission
1.	Engineering & Technology	4 Years	<p>Passed 10+2 examination with Physics/Mathematics</p> <p>AND</p> <p>Chemistry/ Computer Science/ Electronics /Information Technology / Biology/Informatics Practices/ Biotechnology/ Technical Vocational subject/ Agriculture/ Engineering Graphics/ Business Studies/ Entrepreneurship. (Any of the one)</p> <p>Obtained at least 45% marks (40% marks in case of candidates belonging to reserved category) in the above subjects taken together.</p> <p>OR</p> <p>Passed min. 3 years Diploma examination with at least 45% marks (40% marks in case of candidates belonging to reserved category)</p> <p>subject to vacancies in the First Year, incase the vacancies at lateral entry are exhausted. (The Universities will offer suitable bridge courses such as Mathematics, Physics, Engineering drawing, etc., for the students coming from diverse backgrounds to achieve desired learning outcomes of the program)</p>

Candidates have to appear in the JEE (Mains) apart from the qualification given above to get admission

SI	Type of the Program	Duration	Minimum Qualifications for Admission
1	MBA	2 Years (Full-time)	Passed Bachelor Degree of minimum 3 years duration. Obtained at least 50% marks (45% marks in case of Candidates belonging to reserved category) in the qualifying examination.

Candidates have to appear in the CMAT/UPCET apart from the qualification given above to get admission.

<b>SI</b>	<b>Type of the Program</b>	<b>Duration</b>	<b>Minimum Qualifications for Admission</b>
1	MCA	2 Years (Full-time)	Passed BCA/ Bachelor Degree in Computer Science Engineering or equivalent Degree.  OR  Passed B.Sc./ B.Com./ B.A. with Mathematics at 10+2 Level or at Graduation Level (with additional bridge Courses as per the norms of the concerned University). Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category) in the qualifying examination.

Candidates have to appear in the UPCET apart from the qualification given above to get admission.

### **13. List of Applicants**

List of candidates whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)

Application form for admission is available on our website can be submitted online also after filling up the form. Admissions will be done as per AKTU orders for session 2023-24.

### **14. Results of Admission under Management seats/Vacant seats**

The admission committee comprising Director, Admission In-Charge. Associate Director, Registrar and General Secretary of the institute makes admissions under Management Quota seats according to the merit of JEE(Mains) followed by PCM merit at 10+2 level. The Director duly approves this.

## 15. Information on Infrastructure and Other Resources Available

- Number of Class Rooms and size of each** = 84 class rooms of 67.5 Sqm approx.  
**Number of Tutorial rooms and size of each** =33 tutorial rooms of 33 Sqm approx.  
**Number of Laboratories and size of each** =91 laboratories of 67.5 Sqm approx.  
**Number of Drawing Halls with capacity** =2 drawing halls of 133 Sqm approx.  
**Number of Computer Centres with capacity** =5 computer centre of 150 Sqm approx.

### Central Examination Facility, Number of rooms and capacity of each

All class rooms & tutorial rooms, are used for examination purpose. They are well equipped and most of the examination rooms are under CCTV surveillance. SRMCEM has catered for both semester examinations of Dr. APJ Abdul Kalam Technical University, Lucknow with capacities of approx. 2150 students.

### Online examination facility (Number of Nodes, Internet bandwidth, etc.)

Online examination facility is for 350 approx. students with 1 Gbps bandwidth

**Barrier Free Built Environment for disabled and elderly persons** = Yes

**Occupancy Certificate** = Yes

**Fire and Safety Certificate** = Yes

**Hostel Facilities** = Yes

→ Library

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

S. No	Course(s)	Number of titles of the books	Number of volumes	Journals	
				National	International
1	Computer Science & Engg. & Information Technology	1798	10894	18	03
2	Electronics & Comm. Engg.	1163	8426	15	02
3	Electrical & Electronics Engg.	56	224	4	0
4	Electronics & Instru. Engg.	225	2985	07	0
5	Electrical Engg.	583	3164	9	0
6	Mechanical Engg.	969	6102	15	0
7	Civil Engg.	495	2895	10	0
8	AIML	358	3525	14	0
9	Applied Science	1103	8293	12	0
10	MBA	1208	16711	12	02
11	MCA	1124	14809	12	02

S.No		Number of titles of the books	Number of volumes	Journals	
				National	International
1	General Books	918	1117	--	--
2	Book Bank Scheme	568	7559	--	--

**Online Journals**

Online Journals	-	1122
Total e-books	-	3209

## **E- Library facilities**

SRMCEM Central Library has well quipped E-library section with high speed internet connection and 10 desktops to provide access E- resources & E-repository for all library users it remains open from 9:00 am – 7:30 p.m. on all working days. For e-library facility SRMCEM has availed following subscriptions/ memberships for students and faculty members–

### **Nalanda E-Consortium, AKTU (MyLoft App)**

Library has access to 2675 online national/ international journals and 19386 e-books through membership of AKTU Nalanda E-consortium. The e- Consortium is providing access to variety of e-contents from reputed publishers. Faculty and students utilize the resources of E-consortium by using their login credentials.

### **DELNET**

SRMCEM has access to nearly 1.75 crore records of books, periodicals, articles, thesis dissertations and other databases through the membership of DELNET.

### **National Digital Library (NDL) subscription details**

The college is member of National Digital Library since 2017, Central Library has registered its 4885 users (students and faculty members) to National Digital Library till now. National Digital Library of India (NDLI) is an initiative of MHRD, Govt. of India, and developed by IIT Kharagpur. It is a digital repository that provides free access to learning materials from primary to post-graduate levels across various subject domains in English and other Indian languages. NDLI is also designed to benefits teachers, researchers, librarians, professionals, differently-abled, and life-long learners. SRMCEM has registered NDLI club too with membership no. INUPNMZLSAJE8.

### **Institutional E-Repository**

SRMCEM provides access to Question Papers (Internal/ External), Quizzes, Syllabus, NPTEL Video lectures, Placement Papers and scanned copy of notes provided by the concerned faculty members of every subject can be accessed 24x7 through E-Repository.



→ **Laboratory and Workshops :**

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
1	Applied Science and Humanities	Under Graduate Level	Engg-Physics lab BAS-151/251	Spectrometer, Mercury lamp, Diffraction grating, convex lenses, Compound pendulum, Carey foster bridge, P-N Junction Diode, Potentiometer, Voltmeter, Ammeter, Galvanometer, Gee-Type Galvanometer, Traveling Microscope, Sodium lamp, Bi-quartz polarimeter
2	Applied Science and Humanities	Under Graduate Level	Engineering Chemistry Lab BAS-152/252	PH-Meter, Viscometer, Measuring Cylinder, Burette, Physical Balance, Analytical Balance
3	Applied Science and Humanities	Under Graduate Level	English Language Lab BAS-154/254	Computer Systems & Headphones
4	Civil Engineering Department	Under Graduate Level	Solid Mechanics Lab <b>(KCE-452)</b>	Column Buckling Apparatus, Curved Member Apparatus.
5	Civil Engineering Department	Under Graduate Level	Transportation Engineering Lab <b>(KCE-651)</b>	Crushing Value Test Apparatus, Impact Value Apparatus, Los Angeles apparatus, water bath, weighing machine, Sieve, Ring & Ball Apparatus
6	Civil Engineering Department	Under Graduate Level	Material Testing Lab <b>KCE-451</b>	Compression test machines, Vicat Apparatus, weighing machine, Sieve.
7	Civil Engineering Department	Under Graduate Level	Environmental Engg. <b>(KCE-652)</b>	Turbidity meter, pH meter, Digital flocculator, conductivity meter
8	Civil Engineering Department	Under Graduate Level	Hydraulics and hydraulic machine lab <b>(KCE-453)</b>	Open channel, Kaplan turbine, Francis turbine
9	Civil Engineering Department	Under Graduate Level	Structure Detailing lab <b>(KCE-653)</b>	Maxwell, two hinged arch, three hinged arch apparatus
10	Computer Science & Engg.	Under Graduate Level	Data Structures Using C Lab (KCS-351)	gcc Compiler
11	Computer Science & Engg.	Under Graduate Level	Computer Organization Lab (KCS-352)	Digital Trainer Kit, Bread Board, ICs, Microprocessor 8085
12	Computer Science & Engg.	Under Graduate Level	Discrete Structures & Logic Lab (KCS-353)	Ubuntu Operating System-Terminal
13	Computer Science & Engg.	Under Graduate Level	Database Management System Lab (KCS-551)	Oracle 10g
14	Computer Science & Engg.	Under Graduate Level	Compiler Design Lab (KCS-552)	Ubuntu Operating System-Terminal
15	Computer Science & Engg.	Under Graduate Level	Design and Analysis Algorithm Lab (KCS-553)	Ubuntu Operating System-Terminal

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
16	Computer Science & Engg.	Under Graduate Level	Artificial Intelligence Lab (KCS-751 A)	Lisp, Prolog
17	Computer Science & Engg.	Under Graduate Level	Operating Systems Lab (KCS-451)	Ubuntu Operating System- Terminal
18	Computer Science & Engg.	Under Graduate Level	Python Language Programming Lab (KCS-453)	Ubuntu Operating System- Terminal
19	Computer Science & Engg.	Under Graduate Level	Software Engineering Lab (KCS-651)	Open Office, Libra, Star UML
20	Computer Science & Engg.	Under Graduate Level	Web Technology Lab (KCS-652)	Ubuntu Operating System- Terminal
21	Computer Science & Engg.	Under Graduate Level	Computer Networks Lab (KCS-653)	Packet Tracer, C
22	Computer Science & Engg.	Under Graduate Level	Micrprocessor Lab (KCS 452)	8085 Microprocessor Trainer Kit,CRO,DSO,8251 Interface Card, 8253 Interface Card,DAC Interface Card
23	Computer Science & Engg.	Under Graduate Level	Pro. For Problem Solving KCS-151P/251P	Computer Systems ( Monitor ,Keyboard ,Mouse ,CPU, HDD ) , Online UPS 10 KVA,Battery ,Switch 24 Port,Switch 8 Port, Camera,Camera Recorder,9urack
24	Management Department	Post Graduate Level	IT Skills Lab-II (KMBN-251)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
25	Electrical Engg.Deptt.	Under Graduate Level	Basic Electrical Engg. Lab BEE-151/251	Digital multimeter,VARIAC (auto transformer)1 phase 6 A, 3 phase induction motor 8 A, 415 volt, Resistive load 3.75kw (6-amp.) 3 ph.,A c motor (15 amp. 3 phase)/dc generator (28 A) Set, AC induction motor cut section model,Panel for load test on dc shunt motor,Complete panel for 1-phase transformer load,Complete panel for 3-phase Induction motor,Complete panel for 3-phase power measurement,Complete panel for ac/dc gen set, DC compound motor 8 amp.,DC motor cut section working model, DC starter 2 hp, Inductive load 10A, 415V, Panel for measurment of power & p.f of load using capacitor, Kit for measurment of power in fluoresent lamp, Kit for parameters of ac series RLC circuit, Kit for study of resonance in RLC circuit, Tachometer digital (0-9999) rpm, Transformer 1kva 1-ph 230 v (4.3 amp), VARIAC (auto transformer) 10amp 1- phase, VARIAC (auto transformer) 10 amp 3-phase, Kit for varification of kirchoff 's' low, Kit for verification of superposition theorem, Wattmeter 5/10 amp 75v/150/300v, Wattmeter 5/10amp, 150/300/600 volt

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
26	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	ELECTRICAL MACHINE -II LAB (KEE-551)	M.G. SET OC & SC TEST 3 PH. ALTERNATOR, M.G. SET PARALLEL OPERATION, M.G. SET XD & SQ SYN. M/C (ALTERNATOR), PANNEL FOR AUTO SYN MOTOR (V- CURVE), PANNEL FOR LOAD TEST ON 3PH IND-MOTOR, PANNEL FOR NO LOAD & BLOCK ROTOR TEST ON 3-PHASE IND. MOTOR, PANNEL FOR NO LOAD AND BLOCK ROTOR TEST ON 1 PH. IND-MOTOR, PANNEL FOR OC/SC TEST OF 3-PHASE ALTERNATOR (AC GEN.), PANNEL FOR PARALLEL OPERATION OF ALTERNATOR, PANNEL FOR XD & XQ SYN M/C (ALTERNATOR)
27	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	CONTROL SYSTEM LAB (KEE-552)	AC MOTOR POSITION CONTROL KIT (28125), DC MOTOR POSITION CONTROL (ST-2453), DC SPEED CONTROL SYSTEM KIT, LEAD LOG COMPENSATOR KIT (18125), RESISTANCE TEMPERATURE DETECTOR (RTD) KIT, PID CONTROLLER (ST-2451), LINER SEMULATOR SYSTEM, MAGNITIC AMPLIFIER, POTENTIOMETER ERROR DETECTOR, RELAY CONTROL SYSTEM, SERVO VOLTEEGE STABLIZER, SPEED CONTROL OF UNIVERSAL MOTOR USING SCR, SPEED CONTROL OF UNIVERSAL MOTOR USING STROBOSCOPE, SPEED TORQUE CHARAETERISTICS, SYNCHRO TRANSMETTER & RECEIVER.
28	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	ELECTRICAL MACHINE -I LAB (KEE 452)	EXP. SET MAGNETISATION CHARAC.OF DC SHUNT GENRATOR, EXP. SET STUDY LOAD CHAR.OF DC COMP.GENERATOR, EXP SET EFFICIENCY&VOLTAG E REGUL.SING.PHAS. TRANSFORMER.SUMPNERS, EXP SET EFFICIENCY & VOLTAG E REGULATION OC & SC TESTS, EXP SET POLARITY RATIO OC&SC TEST 3 PHAS. TRANSFORMER, EXP SET THREE PHAS. TO 2 PH.CONVERSION BY SCOTT CONNECTIPON, EXP SET LOAD CHAR.OF DC SHUNT GENERATOR, EXP SET SPEED CONTROL DC SHUNT MOTOR ARMATURE & FIELD, EXP SET SPEED TORQUE CHARAC. DC SHUNT MOTOR, EXP SET. EFFICIENCY DC SHUNT MACHINE SWINBURNS TEST. DC POWER SUPPLY 50 AMP,
29	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	POWER ELECTRONIC LAB (KEE- 653)	IC BASE 8 PIN CHOPPER CIRCUIT KIT, SCR CHARACTERISTIC KIT, SINGLE PHASE CONVERTER KIT, SINGLE PHASE FULLY CONTROLLED CONVERTER WITH MOTOR, SINGLE PHASE HALF WAVE CONTROLLED RECTIFIER WITH MOTOR, SINGLE PHASE SERIES INVERTOR MOSEET. BASE, U.J.T TRIGGERING CIRCUIT KIT, AC PHASE CONTROL USING TRIAC KIT.

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
30	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	ELECTRICAL WORKSHOP LAB (KEE 353)	MEASURMENT OF POWER IN FLUORESCENT LAMP, SCREW GAUGE (OUT SIDE MICRO MTR ), INSULATION TESTER 5KV (MAGGER), PANAL FOR CONT OF TWO LAMP IN SERIS & PARRLEL, EARTH RESISTANCE TESTER (DIGITAL), PANEL FOR DIST. BOARD INC.P/P ISOLATOR , ELCB &MCB, PANEL FOR STAIR CASE WIRING.
31	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	POWER SYSTEM LAB (KEE 651)	IDMT RELAY, MG SET FOR LG-LL- LLG AND LLL, FAULT OF 3 PH ALTERNATOR, MG SET NEGATIVE & ZERO SEQUENCE, AMMETER MI 0-5/10 AMP, PANEL FOR LG, LL, LLG & LLL FAULT OF 3 PH ALTERNATOR, PANNEL FOR NEGATIVE & ZERO REATANCE, PERCENTAGE DIFFERENTIAL RELAY, RHEOSTATE 1.1 AMP, 800 OHM, RHEOSTATE 1.2 AMP.260 OHM, RHEOSTATE 10 AMP. 20 OHM, RHEOSTATE 5 AMP. 45 OHM, VARIAC(AUTO TRANSFORMER) 4 AMP ,1 PH., TO DETERMINE LOCATION OF FAULT IN CABLE,, TRANSFORMER OIL TESTING KIT, VARIAC 8A, 3 PH,, VOLT METER MC 0- 150/300V, VOLTMETER 0- 150/300 VOLT MI TYPE, VOLT METER MI TYPE(0-250/500VOLT), WATTMETER 5/10 AMP 75V/150/300V
32	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	PROJECT LAB (KEE -851)	ART WORK TABLE ILLUMINATED, DSO 50MHZ AGILNT-, CURING MACHINE/OVEN, DRILLING MACHINE, DYE/DEVELOPER 2 IN 1 UNIT MACHINE, ETCHING MACHINE, FILM MAKING UNIT, MULTIPLE POWER SUPPLY ST-4077, PHOTO RESIST DIP COATING MACHINE, ROLLING TINNING MACHINE, SHEARING MACHINE/CUTTER MACHINE, U.V EXPOSING MACHINE, WINDING MACHINE PRIMARY / SECONDARY
33	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	MINOR PROJECT LAB (NEE-653)	ART WORK TABLE ILLUMINATED, DSO 50MHZ AGILNT-, CURING MACHINE/OVEN, DRILLING MACHINE, DYE/DEVELOPER 2 IN 1 UNIT MACHINE, ETCHING MACHINE, FILM MAKING UNIT, MULTIPLE POWER SUPPLY ST-4077, PHOTO RESIST DIP COATING MACHINE, SHEARING MACHINE/CUTTER MACHINE, U.V EXPOSING MACHINE, WINDING MACHINE PRIMARY / SECONDARY

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
34	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	ELECTRICAL MACHINE -I LAB (KEE 452)	D.C. SHUNT MOTOR 3 HP (SWINBURN TEST), M.G. SET D.C. COMPOUND GENERATOR, M.G. SET D.C. SHUNT GENERATOR, M.G. SET MAGNETISATION CHARACTERISTICS SHUNT MOTOR, PANEL FOR LOAD CHAR. OF DC SHUNT GEN., PANNEL FOR BACK TO BACK TEST ON TRANSFORMER, PANEL FOR LOAD CHARA. CHARAC. OF D.C. COMPOUND GEN., PANNEL FOR MAGNETIZ. CHAR OF D.C. SHUNT GEN., PANNEL FOR OC/SC TEST OF 1-PHASE TRANSFORMER, PANNEL FOR SWINBURN TEST ON D.C. MOTOR, RECTIFIERS DC 50-AMP. ,EXP. SET FOR LOAD TEST ON DC SE. GEN.
35	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	BASIC ELECTRICAL ENGG.LAB (BEE 151/251 )	3 PHASE INDUCTION MOTOR 8 AMP. 415 VOLT, RESISTIVE LOAD 3.75KW (6-AMP.) 3 PH., A C MOTOR (15 AMP. 3 PHASE)/DC GENERATOR (28 AMP.) SET, AC INDUCTION MOTOR CUT SECTION MODLE, AC SLIPRING INDUCTION MODLE WORKING MODLE, PANEL FOR LOAD TEST ON DC SHUNT MOTOR, COMPLETE PANNEL FOR 1-PHASE TRANSFORMER LOA, COMPLETE PANNEL FOR 3-PHASE INDUCTION MOTOR, COMPLETE PANNEL FOR 3-PHASE POWER MEASUREMENT, COMPLETE PANNEL FOR AC/DC GEN. SET, DC COMPOUND MOTOR 8 AMP., DC MOTOR CUT SECTION WORKING MODLE, INDUCTIVE LOAD 10A, 415V, PANEL FOR MEASUREMENT OF POWER & P.F OF LOAD USING CAPACITOR, KIT FOR MEASUREMENT OF POWER IN FLUORESCENT LAMP, KIT FOR PARAMETERS OF AC SERIES RLC CIRCUIT, KIT FOR STUDY OF RESONANCE IN RLC CIRCUIT & OBTAIN RESONANCE FREQUENC, SYNCHRONOUS M/C ROTATING FIELD TYPE CUT SECTION WORK, , TRANSFORMER 1KVA 1-PH 230 V (4.3 AMP), VARIACE (AUTO TRANSFORMER) 10AMP 1- PHASE, VARIACE (AUTO TRANSFORMER) 10 AMP 3-PHASE, KIT FOR VERIFICATION OF KIRCHOFF 'S' LAW, KIT FOR VERIFICATION OF SUPERPOSITION THEOREM.
36	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	NETWORK LAB (REE-453)	TWO PORT NETWORK KIT , LOW DIST. AUDIO GENERATOR SCIENTECH ST-4036 , THEVININ & NORTEN THEOREM KIT ,TRANSIENT RESPONSE OF RLC NV-6515 ,VERIFICATION OF SUPERPOSITION THEOREM ,MAXIMUM POWER TRANSFER THEOREM KIT, TRANSIANT RERSPONSE R.C.CIRCUIT KIT, FREQUENCY RESPONSE RLC CIRCUIT KIT, PAI AND T ATTEUNATER KIT, TWIN T NOTCH FILTER KIT, TWIN T NOTCH FILTER KIT, IMAGE AND CHARACTERISTICS IMPEDENCE KIT

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
37	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	INSTRUMENTATION & MEASUREMENT LAB (KEE 352)	FIBER OPTIC DIGITAL LINK TRAINER(ST- 2507), LVDT TRAINER ST-2303, PID CONTROLLER (ST-2451), TEMP. TRANSDUCER TRAINER KIT ST - 2302, TRANSIENT RESPONSE OF RLC NV-6515, STRAIN GAUGE DISPLACEMENT MEASUREMENT KIT , WIND FLOW RATE ANEMOMETER, PID CONTROLLER IN FLOW MEASUREMENT KIT, ANDERSON BRIDGE WITH POWER SUPPLY AB 58, MAXWELL LIC. BRIDGE ETB-135, ABINIS HAYS BRIDGE KIT, KELVINAS DOUBLE BRIDGE KIT, MEASUREMENT OF HIGH RESISTANCE USING LOSS OF CHARGE, PANEL FOR POWER MEASUREMENT USING CT & PT, SCHERING BRIDGE KIT, OWENS BRIDGE KIT, KELVINAS DOUBLE BRIDGE KIT
38	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	ELECT. DRIVE LAB (EEE-752)	SPEED CONTROL OF 1 PHASE IND-MTR. BY 1 PHASE AC V. CONTROLLER, SPEED CONTROL OF DC MOTOR BY MOSFET/ CHOPPER/I GBT, SPEED CONTROL OF DC MOTOR BY 1 PH. BRIDGE CONVERTER, SPEED CONTROL OF DC MOTOR BY 1 PH.DUAL CONVERTER, SPEED CONTROL OF 3 PH. IND.MOTOR BY 3PH. AC VOLT. CONTROL, SPEED CON. OF 3 PH. SL/RING MTR. BY RECTIFI.& CHOPPER, SPEED CON. OF 3 PH.IND.MTR.BY SCHERBIOUS SLIP PWR.REC, SPEED CONTROL OF DC MOTOR BY MOSFET/CHOPPER/I GBT.
39	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	Circuit Simulation Lab (KEE 451)	COMPUTER SYSTEMS 36 NOS SOFTWARE SPICE / MATLAB
40	Electrical Engg.Deptt. / Electrical & Electronics Engg. Deptt.	Under Graduate Level	Industrial Automation & PLC Lab (KEE 751)	COMPUTER SYSTEMS - 35 NOS. SOFTWARE - LAB VIEW / MATLAB
41	Electronics & Communication Engg.	Under Graduate Level	Basic Electronics Engineering Lab BEC-151/251	Scitech Kit,CRO, Function Generator, Multi meter, Power supply, BJT trainer Kit, Adder subtractor kit
42	Electronics & Communication Engg.	Under Graduate Level	Communication Engineering Lab (KEC-451)	Function Generator Kit,CRO, Function Generator Kit, Binary Data Generator Kit, CRO, kit, DSB/ SSB Transmitter Trainer Kit, DSB /SSB AM Receiver Trainer Kit, FM Transmitter & Receiver Trainer Kit,

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
43	Electronics & Communication Engg.	Under Graduate Level	Digital Electronics and Computer Organization Lab (BCA-208P)	ICS,BREAD BOARD ,TRAINER KIT,WIRE
44	Electronics & Communication Engg.	Under Graduate Level	Analog Circuit lab (KEC-452)	Trainer Kit, CRO, Function Generator, Soldering Irons, Bread Board
45	Electronics & Communication Engg.	Under Graduate Level	Signal System Lab (KEC-453)	Software- Matlab Ver7.91
46	Electronics & Communication Engg.	Under Graduate Level	Digital Communication Lab (KEC-651)	Function Generator Kit,CRO, Function Generator Kit, Binary Data Generator Kit, CRO, Digital Communication Trainer Kit
47	Electronics & Communication Engg.	Under Graduate Level	Control System Lab (KEC-652)	Software- Matlab Ver7.91
48	Electronics & Communication Engg.	Under Graduate Level	Cad for Electronics Lab (KEC-653B)	Software- Matlab Ver7.91, Pspice, Xilinx
49	Electronics & Communication Engg.	Under Graduate Level	Project Lab (KEC851)	PCB sharing machine, DC power Supply, CRO, Function Generator,Soldering Iron,Drilling machines Film making machine,PCB Drying machine/dieing/eching
50	Electronics & Communication Engg.	Under Graduate Level	Electronics Devices Lab (KEC-351)	CRO, DSO Function Generator
51	Electronics & Communication Engg.	Under Graduate Level	Digital System Design Lab (KEC-352)	Digital Trainer kit ST-2611
52	Electronics & Communication Engg.	Under Graduate Level	Network Analysis and Synthesis Lab (KEC-353)	Tarilar kit CRO function generator.
53	Electronics & Communication Engg.	Under Graduate Level	Integrated Circuits lab (KEC-551)	CRO, DSO Function Generator
54	Electronics & Communication Engg.	Under Graduate Level	Microprocessor & Microcontroller Lab (KEC-552)	8085 Microprocessor kit, 8051 Universal Development Platform NVIS 5001A, ADC/DAC Module card, Multi Interface card, 8551 Interface card, stepper Motor controller card IC-08
55	Electronics & Communication Engg.	Under Graduate Level	DSP Lab (KEC-553)	MatLab
56	Electronics & Communication Engg.	Under Graduate Level	VLSI Design Lab (KEC-753B)	Pspice & Xilinx
57	Electronics & Communication Engg.	Under Graduate Level	Microwave & Radar Engineering Lab (KEC-752)	Microwave Bench CRO power supply.
58	Electronics & Communication Engg.	Under Graduate Level	Project I (KEC-753)	PCB sharing machine, DC power Supply, CRO, Function Generator,Soldering Iron,Drilling machines Film making machine,PCB Drying machine/dieing/eching
59	Information Technology Department	Under Graduate Level	Data Structure Lab (KCS-351)	Computer System

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
60	Information Technology Department	Under Graduate Level	Computer Organization Lab (KCS-352)	Computer System
61	Information Technology Department	Under Graduate Level	Discrete Structures & Logic Lab (KCS-353)	Computer System
62	Information Technology Department	Under Graduate Level	Operating System Lab (KCS-451)	Computer System
63	Information Technology Department	Under Graduate Level	Web Designing Lab (KIT-451)	Computer System
64	Information Technology Department	Under Graduate Level	Python Language Programming Lab (KCS-453)	Computer System
65	Information Technology Department	Under Graduate Level	DBMS Lab (KCS-551)	Computer System
66	Information Technology Department	Under Graduate Level	DAA Lab (KCS-553)	Computer System
67	Information Technology Department	Under Graduate Level	Web Technology Lab (KIT-551)	Computer System
68	Information Technology Department	Under Graduate Level	Software Engineering Lab (KCS-651)	Computer System
69	Information Technology Department	Under Graduate Level	Data Analytics Lab (KIT-651)	Computer System
70	Information Technology Department	Under Graduate Level	Computer Networks Lab (KCS-653)	Computer System
71	Information Technology Department	Under Graduate Level	Project Lab (KIT-753)	Computer System
72	Information Technology Department	Under Graduate Level	Artificial Intelligence Lab (KIT-751A)	Computer System
73	Information Technology Department	Under Graduate Level	Mini Project Lab (KIT-752)	Computer System
74	Information Technology Department	Under Graduate Level	Project Lab (KIT-851)	Computer System
75	Masters in Business Management	Post Graduate Level	IT Skills Lab-1 (KMBN-151)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
76	Masters in Computer Applications	Post Graduate Level	Problem Solving using C Lab (BCA-151)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
77	Masters in Computer Applications	Post Graduate Level	Computer Organization & Architecture Lab (BCA-152)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)



S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
78	Masters in Computer Applications	Post Graduate Level	Professional Communication Lab (BCA-153)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
79	Masters in Computer Applications	Post Graduate Level	Object Oriented Programming Lab (BCA-251)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
80	Masters in Computer Applications	Post Graduate Level	DBMS Lab (BCA-252)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
81	Masters in Computer Applications	Post Graduate Level	Data Structures & Analysis of Algorithms Lab (BCA-253)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
82	Masters in Computer Applications	Post Graduate Level	Artificial Intelligence Lab (KCA-351)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
83	Masters in Computer Applications	Post Graduate Level	Software Engineering Lab (KCA-352)	Computer System (Core2Duo, 2 GB RAM, Hard Disk, Monitor)
84	Masters in Computer Applications	Post Graduate Level	Mini Project (KCA-353)	
85	Masters in Computer Applications	Post Graduate Level	Project (KCA-451)	
86	Mechanical Engg.	Under Graduate Level	Fluid Mechanics Lab (KME-351)	Impact of Jet, Reynolds Apparatus, Pipe Friction Apparatus, Orifice Meter Apparatus, Minor Losses Determination Apparatus, Hydraulic RAM setup.
87	Mechanical Engg.	Under Graduate Level	Material Testing Lab (KME-352)	Universal Testing Machine, Hardness Testing Machine, Impact Test Machine, Spring Index Testing Machine, Surface roughness Machine, Polishing Machine.
88	Mechanical Engg.	Under Graduate Level	Computer Aided Machine Drawing I Lab (KME-353)	Drawing Table, Drawing Sheet & Mini Drafter.
89	Mechanical Engg.	Under Graduate Level	Heat & Mass Transfer Lab (KME-551)	Coposite wall Aparatus, Insuloting Powder Aparatus, Critical Heat flux Aparatus, Natural Conveetion Aparatus, Foreed Conviction Aparatus, Emmicirity Aparatus, Stephon Boltzman Aparatus, Conductivity of Liquid Aparatus, Heat Exchanger Aparatus, Critical RadiusAparatus.
90	Mechanical Engg.	Under Graduate Level	Python Lab (KME-552)	Computer Lab
91	Mechanical Engg.	Under Graduate Level	IOT Lab (KME-553)	Computer Lab

S. No.	Department	Level	Name of the Laboratory	Lab / Major Equipments
92	Mechanical Engg.	Under Graduate Level	Measurement & Metrology Lab (KME-751)	Instruments: Vernier Caliper, Micro Meter, Sine Bar, Bevel Protractor, Feelir Gauge, Dial Indicator, Pressure Gauge Transducer, Temperature, Transducer, Strain Transducer, Strovoscope.
93	Mechanical Engg.	Under Graduate Level	Appled Thermodynamics Lab (KME-451)	Two Stroke Diesel Engine Model, Four Stroke Diesel Engine Model, Two Stroke Petrol Engine Model, Four Stroke Petrol Engine Model, Fire Tube Boiler Model, Water Tube Boiler Model, Steam Engine Model, Gas Turbine Model, Impuls and reaction Turbine, Steam Turbine model.
94	Mechanical Engg.	Under Graduate Level	Manufacturing Process Lab (KME-452)	Arc Welding Machine, Gas Welding Machine, Spot welding Machine, Lathe Machine, Milling Machine, Surface Grinder, Drilling Machine, Pedstal Grinder.
95	Mechanical Engg.	Under Graduate Level	Computer Aided Machine Drawing II Lab (KME-453)	Drawing Table, Drawing Sheet & Mini Drafter.
96	Mechanical Engg.	Under Graduate Level	Refrigeration and Air Conditioning Lab (KME-651)	Refrigeration Test Rig, Air Conditioning, Test Rig, Hermatically Sealed Compressure, Model of Window Type AC, Ebaporator, Model of Duct
97	Mechanical Engg.	Under Graduate Level	Machine Design Lab (KME-652)	Drawing Table, Drawing Sheet & Mini Drafter.
98	Mechanical Engg.	Under Graduate Level	Theory of Machine Lab (KME-653)	Simple Likage Model, Quick Return Machanism Model Oscillating Engine Model, Crank Slotted Lever Machanism Model, Gear Train, Governer, Whirling of Shaft, Gyro Scope, Balancing Aparatus, Machanical Brake Model.
99	Mechanical Engg.	Under Graduate Level	Project Lab (KME-851)	Arc Welding Machine, Gas Welding Machine, Spot welding Machine, Lathe Machine, Milling Machine, Surface Grinder, Drilling Machine, Pedstal Grinder.
100	Mechanical Engineering Deptt.	Under Graduate Level	Mechanical Workshop Lab BWS-151/251	BENCH VICE, CENTRE PUNCH, FIRMER CHISEL, FLAT FILE, HACK SAW FRAME, HAMMER, SASH CLAMP, STEEL SCALE, SCRIBER, TENNON SAW, TRY SQUARE, WELDING GOGGLE, ARC WELDING MACHINE, LATHE MACHINE, DRILLING MACHINE, POWER HACKSAW, ANVIL, ARC WELDING HOLDER, MALLET, IRON JACK PLANE, RIP SAW, PEDESTAL GRINDER, CHIPPING HAMMER, KNURLING TOOL, VERNIER CALLIPER, TONG, TAP HANDLE
101	Mechanical Engineering Deptt.	Under Graduate Level	Engg. Graphics & Design Lab BCE-151/251	Collar mike with stand and lead, Amplifiers small, speakers, One Computer System

## → Computing Facilities

### Internet Bandwidth

1 Gbps Optical Fiber connectivity in 1:1 dedicated is available

### Number and configuration of System

745 systems with configuration Core2 Duo processors, Core i3 and others

### Total number of system connected by LAN

All Systems are connected through LAN (100%)

### Total number of system connected by WAN

All Systems are also connected through WAN (100%)

### Major software packages available

S.No	Software	Users
1	MS Windows 2008 Server	1
2	MS Windows 2003 Server	1
3	Windows-10	Campus Agreement
4	Windows-8	Campus Agreement
5	Windows 7	Campus Agreement
6	Ubuntu (Linux)	Open Source
7	Mint (Linux)	Open Source
8	Linux Red Hat Enterprise 5.0 standard	
9	Libre Office	Open Source
10	Microsoft Office	Campus Agreement
11	Microsoft Project	30
12	Exchange Server	1
13	MS-SQL Server Standard	1
14	.NET	Campus Agreement
15	ASP .Net 2007	Campus Agreement
16	C Sharp(C#)	Campus Agreement
17	Oracle 11g	30
18	Orcad Pspice University Bundle	10
19	Orcad Layout Plus	10
20	Orcad Capture	10
21	Solid Works	200
22	DWG Writer	200
23	MW-Matlab	2
24	MW-Image Proc Tolbox	1
25	Primavera P6	5
	<b>Bentley Academic Perpetual Offiering</b>	10
	<b>3D CAD Design and Modelling</b>	10
26	MicroStation Power Draft	10
27	MicroStation VDI	10
	<b>Building Information Modeling</b>	10
28	AECOSim Building Designer	10
29	AECOSim Energy Simulator	10

30	Bentley Navigator	10
31	Bentley Connection Passport	10
	<b>Structural</b>	10
32	STAAD Pro VDI	10
33	STAAD Foundation Advanced	10
34	STAAD Global Design Code	10
35	Bentley Power Rebar	10
36	RAM Concept VDI	10
	<b>3D Imaging Point Clouds and Mapping</b>	10
37	Bentley Descartes VDI	10
38	Bentley MAP Enterprise	10
39	Bentley Pointools VDI	10
	<b>Transportation</b>	10
40	Bentley MX Road Suite VDI	10
41	Bentley Power Civil for Country	10
	<b>OffShore</b>	10
42	Bentley Maxsurf Enterprise	10
43	SACS Marine Enterprise	10
44	SACS Offshore Structrue Enterprise	10
	<b>Water and Waste Water</b>	10
45	SeverGEMS VDI	10
46	WaterGEMs VDI	10
47	StormCAD VDI	10
48	Civil Storm VDI	10
49	HAMMER VDI	10
50	Inventor 11 AE	2
51	Orell Talk Smart Version	35
52	Studio 5000 Standard Edition	1
53	WPS Office	Open Source
54	Mozilla Firefox	Open Source
55	Apache	Open Source
56	Fedora	Open Source
57	PSPP	Open Source
58	Python	Open Source
59	JDK 1.4	Open Source
60	J2EE 1.4	Open Source
61	Sci-Lab	Open Source
62	Turbo C	Open Source

**Special purpose facilities available (Conduct of online Meetings/ Webinars/Workshops, etc.)**

All facilities are available to conduct online Meetings/Webinars and workshops. Board Rooms/ Seminar Halls and Presentations rooms are well connected with high speed internet facility with high quality audio / video facilities.

## **Facilities for conduct of classes/ courses in online mode (Theory & Practical)**

SRMCEM has accelerated at a high speed to usher in a new digital era of education for the bright minds. The challenges undoubtedly being complex and far but when the time came, SRMCEM took less than a week to change its learning pathway from classrooms to digital classroom. SRMCEM has witnessed a paradigm shift at workplace commitments that have taken place due to COVID 19 i.e., Digital transition in no time and made teaching-learning process viable. To list a few measures that have been instituted at SRMCEM are as follows: -

- a. Live streaming of classes by 100% faculty.
- b. Self-shoot videos by 100% faculty, Faculties are now confident of posting video lectures on Swayam Prabha channel, YouTube etc. A large number of faculty members have created their own You Tube channels.
- c. Exposure to faculty /students on conduct of virtual labs and commencement of virtual lab
- d. Transition from offline to online mode of conducting examination /assessment is another attainment.
- e. Conduct of doubt clearing /special classes for weak students
- f. Regular mentoring of students / Redressal of student's grievances, if any - Online
- g. HoDs meeting with Class Representatives (CRs) - Online
- h. Team Placement (i.e. Associate Director (Placement/Alumni and Entrepreneur) carried out regular placement- in Hybrid Mode. Activities during these pandemic days and we had more than 50 Virtual drives thereby reaching the recruitment of 267 students from all its courses.
- i. Virtual Conduct of Conference, Webinars, FDPs including International FDP, Seminars, Training programs, , Human Value Workshop etc.
- j. Conduct of numerous Staff Development Programs (virtual mode).
- k. Adoption of SOP for Workplace during COVID Lockdown period.

## **Innovation Cell**

The Innovation Centre has been set-up to promote innovative work in the college to create better, talented, creative and well-rounded engineers. These centres offers opportunities to augment your theoretical knowledge through a practice based curriculum thereby making you more competitive for the job market. It will also give an opportunity to connect your innovative work with real world problems / industry needs and will also lead to the creation of market ready projects.

## **Social Media Cell**

To take care of all Social Media handles, a Social Media Cell has been created in SRMCEM. This provides timely information related to the activities happening in the Institute.

## **Compliance of the National Academic Depository (NAD), applicable to PGCM/PGDM Institutions and University Departments**

Not Applicable

## → List of Facilities Available

### **Games & Sports Facilities**

Both indoor & outdoor sports activities are conducted at regular intervals for students to maintain their physical fitness essential for them to perform their best in academics also. The institute has all indoor and outdoor games facility to play football, cricket, lawn tennis, volley ball, basketball, table tennis and badminton etc. Other indoor games facilities are also available.

### **Extra Curriculum activities**

SRMCEM always aims for all-round development of students involving their physical, mental, social, cultural, and spiritual wellbeing including discipline. The College Management keeps a close watch on continuously improving the quality of campus life. Individual student been give care to solve their problems related to both academics and personal support. Our door is always open to hear all your concerns and suggestions in order to strengthen and build our learning community. SRMCEM always promotes various student driven activities extending from Sports, Cultural and Personal Hobbies to Technical Interests. The students are encouraged to join of various Clubs to help broaden their skills. These clubs not only help the students to explore their hidden talent but also help in areas such as Personality Development and inculcating in the students the spirit of organization by providing them with a platform for hosting their talents. Students take active participation in organizing several events at national and international level while running the club. They help in coordinating all the events related to academics and other co-curricular, extracurricular activities as per the directive of a faculty coordinator. These clubs creates a bridge between Students and Faculty members. Along with creating a support system and decreasing the stress level of academics, these clubs sharpens people dealing, team work and networking skills of students.

The various Student's Clubs are –

- a. Dramatics Club – The Dracula
- b. Cultural Club
- c. Media Club
- d. Technical Club
- e. Photography Club
- f. Music Club - Euphony
- g. Literary & English Club
- h. Fashion Show Club – Ritumbhara
- i. Grobot Club
- j. D-Coder Club
- k. Choreography Club – Step
- l. Environmental Club
- m. Social Activities Club – Pehal
- n. Happenings & Prerna Club
- o. Sports Club
- p. Wiwa Club
- q. Entrepreneurship Club
- r. 1090 Club

Other extra Curriculum activities are -

- ✓ **Adventurous trips:** Students are encouraged to go for mountaineering, paragliding, and visits to historical places etc.
- ✓ **Yoga Classes:** Regular yoga classes are available for the students who are residing in the hostels.
- ✓ **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.
- ✓ **Magazine:** The institute magazine "PRERNA" is the creation of the students, which provides an opportunity for them to promote their innovative thinking and creative talents.

## → Teaching Learning Process

The institute works relentlessly towards affecting improvements in teaching learning processes. To this end, the classroom teaching and learning processes are backed by sound planning at all levels, meticulous execution by the departments, a holistic review of completed session by the top management, and the subsequent follow up for the corrections that may be needed for the next session. These processes are scrutinized by the Academic Cell in accordance with that of the external regulator –AICTE for developing a quality based education in the Institute.

Learning begins with interest and the teachers at SRMCEM are such an able resource for igniting the interest of the students through the use of their pedagogical methodology that it is clearly evident through the ranking of the Institute and the various accolades that SRMCEM has been able to garner over its 23 year journey towards excellence.

## **Curricula and syllabus for each of the Programmes as approved by the University**

Available at AKTU Website and can be seen through following link –

<https://aktu.ac.in/circulars.html>

&

<https://aktu.ac.in/syllabus.html>

## **Academic Calendar of the University**

Available at AKTU Website and can be seen through following link –

<https://aktu.ac.in/academic-calender.html>

### **Internal Continuous Evaluation System and place**

Institute holds four internal examinations during a semester. Three class tests (Quizzes) followed by one Pre-End Semester examination. The weightage of the tests and the associate internal marks in the various assessments are as follows –

#### **For B.Tech. & MCA Courses**

<b>Activity</b>	<b>Actions</b>	<b>Weightage</b>	<b>B.Tech. III &amp; IV Year, M.Tech. &amp; MCA (All)</b>	<b>B.Tech. I &amp; II Year</b>
01 Pre-End Semester Examination (3 Hours)	Paper to be set out of 100 Marks.	30%	09 Marks	15 Marks
03* Quiz Tests (1 Hours Each)	Paper to be set out of 30 Marks each. Average of all the Quiz Tests will be considered.	30%	09 Marks	15 Marks
Submission of all Tutorial Sheets	Each Tutorial Sheet will be evaluated out of 50 Marks.	20%	06 Marks	10 Marks
04 Surprise Tests (10 Minutes Each)	Papers to be set out of 05 Marks each. Average of all the Surprise Tests will be considered.	20%	06 Marks	10 Marks
		<b>Total:-</b>	<b>30 Marks</b>	<b>50 Marks</b>

#### **For MBA Courses**

<b>Activity</b>	<b>Actions</b>	<b>Weightage</b>	<b>M.B.A. I &amp; II Year</b>
01 Pre-End Semester Examination (3 Hours)	Paper to be set out of 100 Marks.	30%	15 Marks
02/03 Quiz Tests (1 Hours Each)	Paper to be set out of 30 Marks each. Average of all the Quiz Tests will be considered.	30%	15 Marks
Internal Assignment Activity	Tutorial Sheet/ Tutorial Test/ Case Study / Management Games will be internally evaluated in total of 100 Marks.	20%	10 Marks
04 Surprise Tests (10 Minutes Each)	Papers to be set out of 05 Marks each. Average of all the Surprise Tests will be considered.	20%	10 Marks
		<b>Total:-</b>	<b>50 Marks</b>

### **Student's assessment of Faculty, System in place**

In order to get a realistic evaluation of faculty and managements' delivery of services, the college promotes constructive feedback from students, both in formal and informal forms, with the sole aim to improve. In this regard, the students are encouraged to share their mind or grievances at any time with their HoDs or higher authorities either verbally or in writing through e-mails or suggestion boxes. Notwithstanding this, during mid of semester a confidential feedback drive is conducted centrally through college ERP. Lastly, at the end of the final year, a special feedback drive is also carried out for the passing out batch in the form of an Exit Survey. This is to get the students' overall feedback on various academic and non-academic entities. The feedback, irrespective of mode of communication, is always given due attention, and is followed up rigorously to appreciate the good work and correct the shortcomings.



## **POST GRADUATE PROGRAMEE**

- **M. Tech. (Civil Engg, CSE, Environmental Engg.)**
- **MASTER OF BUSINESS ADMINISTRATION [MBA]**
- **MASTER OF COMPUTER APPLICATION [MCA]**

**Name of Institute : Shri Ramswaroop Memorial College of Engineering & Management, Lucknow**

Year of Course Start

MCA 2001

MBA 2002

M.Tech. (Civil Engg. and CSE) 2012

M.Tech. (Environmental Engg) 2014

□ **Curriculum and Syllabus** : As provided by the Dr. A.P.J. Abdul Kalam Technical University, Lucknow.