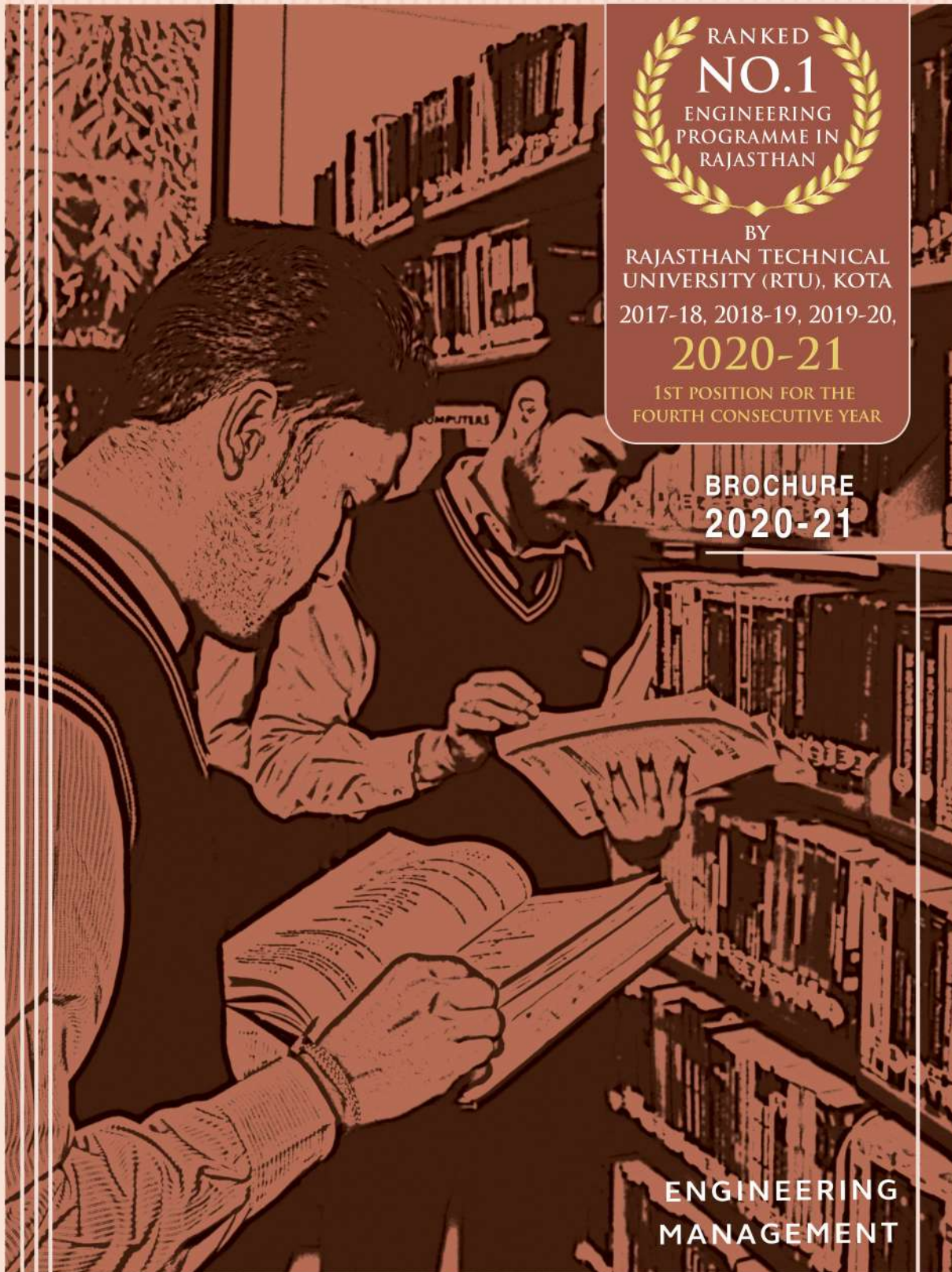




**SWAMI KESHVANAND INSTITUTE  
OF TECHNOLOGY, MANAGEMENT  
& GRAMOTHAN**

*Approved by AICTE, New Delhi  
Engineering Branches Accredited by NBA & IE(I)  
Affiliated to Rajasthan Technical University, Kota*



BY  
RAJASTHAN TECHNICAL  
UNIVERSITY (RTU), KOTA  
2017-18, 2018-19, 2019-20,

**2020-21**

1ST POSITION FOR THE  
FOURTH CONSECUTIVE YEAR

**BROCHURE  
2020-21**

**ENGINEERING  
MANAGEMENT**

## OUR VISION

To promote higher learning in advanced technology and industrial research to make our country a global player.

## OUR MISSION

To promote quality education, training and research in the field of engineering by establishing effective interface with industry and to encourage faculty to undertake industry sponsored projects for students.

## OUR QUALITY POLICY

We are committed to 'achievement of quality' as an integral part of our institutional policy by continuous self-evaluation and striving to improve ourselves.

Institute would pursue quality in:

- All its endeavors like admissions, teaching-learning processes, examinations, extra and co-curricular activities, industry-institute interaction, research & development, continuing education and consultancy.
- Functional areas like teaching departments, training and placement cell, library, administrative office, accounts office, hostels, canteen, security services, transport, maintenance section and all other services.

## PROGRAMME OUTCOMES

Programme Outcomes (POs) are attributes expected from a graduate of an accredited programme by NBA. These encompass skills like problem analysis, Engineering Knowledge, design or development of solutions, investigation of complex problems, modern tool usage, project management and finance, environment and sustainability, ethics, individual and team work, communication and life-long learning and many more. SKIT, being an NBA accredited institute promotes potent training sessions to strengthen the development of these Programme Outcomes among its engineering students.

## PROGRAMME SPECIFIC OUTCOMES (PSOs)

Programme Specific Outcomes (PSOs) - Programme Specific Outcomes are broad statements that describe the career and professional accomplishments that the programme is preparing the engineering graduates to achieve. Each undergraduate engineering programme has its own Programme Specific Outcomes (PSOs)

# CONTENTS

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|                                 |    |  |    |
|---------------------------------|----|--|----|
| The Institute                   | 02 | Institute - Industry Interface Initiatives                           | 19 |
| The Institute at a Glance       | 03 | The Institute's Initiatives  | 20 |
| Messages                        | 04 | Our Torch Bearers  | 24 |
| Board of Governors              | 06 | Our Major Recruiters   | 25 |
| Academic and Management Council | 07 | Campus Placements  | 26 |
| Admission                       | 08 | Infrastructure   | 28 |
| Fee Structure                   | 10 | List of Faculty Members  | 30 |
| Departments                     | 11 | Seminars/Conferences/ Workshops<br>Symposia Organized During 2019-20 | 32 |



# THE INSTITUTE

Swami Keshvanand Institute of Technology, Management & Gramothan (SKIT) inspired from the preaching of Swami Keshvanand, was established in the year 2000 by Technocrats and Managers Society for Advanced Learning. The promoters firmly believed in the gospel of educating the rural women folk so that the essence of their learning can be cultivated into their children's lives to improve the scenario in rural areas. In order to fortify the same, they leaped forward to establish MRM Public School in Nirwana village of Sri Ganganagar district of Rajasthan in the year 1992. Pursuing the vision of the Great Saint Swami Keshavanand, who devoted his life for the cause of education and the uplift of the rural folk, the promoters added "Gramothan" to the name of the institute not only to epitomize his vision but also to extend their efforts to explore the use of engineering education for innovations for improving the scenario for the rural community.

Today, the institute is recognized as one of the centres of academic excellence in the Northern India. The Institute is affiliated to Rajasthan Technical University, Kota for offering Post-Graduate and Graduate Courses in Engineering and Management. Our sister institution Swami Keshvanand Institute of Pharmacy (SKIP) is affiliated to Rajasthan University of Health Sciences for offering Graduate Course in Pharmacy. Located in the Pink City, Jaipur, which is a blend of traditional history and modern outlook, SKIT is surrounded by a rich green landscape and aesthetic elegance of arches. The vibrant pursuit of knowledge by the young aspirants makes the environment serene, pleasant and dynamic. SKIT is putting in efforts for making industry ready engineers and managers through effective Industry -Institute Interface. Apart from the University curriculum, SKIT also pursues activities for research and development in various fields. Students joining the institute share the box full of opportunities for professional and personal development through an environment of practical orientation, industrial interaction and student led activities which help the students develop good communication skills, integrated personality and greater competitive spirit.



# THE INSTITUTE AT A GLANCE

## ACADEMIC & ADMINISTRATION

- Well qualified & experienced faculty members from IITs/ NITs
- Effective teaching pedagogy
- Labs designed for learning beyond RTU syllabus
- Research and Development Labs
- Regular workshops and conferences in all departments
- Industry Academia Interface Lab
- Nodal Centre for Virtual Lab in association with IIT Delhi
- Remote Centre of IIT Bombay for conducting workshop for teachers & students
- Digital Library
- Local Chapter of SWAYAM NPTEL
- Member of National Digital Library
- Academic and Management Council
- Ragging & Tobacco Free Campus
- Vigilant Proctorial Board for a highly disciplined academic atmosphere
- Women Grievance Cell
- Fee as approved by State Government
- Invitees from IITs and NITs

## INFRASTRUCTURE

- State-of-the-art infrastructure
- Lush green campus spread over 13 acres, surrounded by JDA approved residential colonies with serene environment, smart buildings, STP and Rain Harvesting Plants
- Separate air-cooled hostel facility for boys & girls
- Indoor & Outdoor sports facilities like Basketball, Football, Tennis (Clay Court), Cricket, Volleyball etc.
- Separate gymnasium facility for boys & girls
- Open gymnasium for students / visitors
- Well stocked hygienic cafeterias for healthy & nutritious meals
- A fleet of college buses covering every nook and corner of the city

- Central computing facility for online exams, training and recruitment drives
- Wi-Fi enabled campus with Internet bandwidth of 200 Mbps
- Smartly designed and well equipped seminar halls
- ICT enabled Classrooms
- ICT enabled Digital Studios for online learning and teaching
- Auditorium with digital facilities having a seating capacity of approximately 1000 people
- Barrier free environment for disabled person

## PROFESSIONAL SKILLS

- Infosys Campus Connect Advanced Partner
- Microsoft Platinum Partner
- IBM Centre of Excellence
- Soft Skills training for students
- Personality Grooming through GD's and Mock Interviews
- Communication labs equipped with SANAKO and SNET software and courses certified by Cambridge University Press and Oxford University Press
- Toastmasters Club
- Topaz - Entrepreneurship Cell
- Special Training Sessions for GATE Examination
- Campus Recruitment Training (CRT) Programme
- Specialized Internship Programmes
- In-house Industrial and Professional Training

## OTHER FACILITY

- 24 hrs ATM of PNB/SBI/Indusind Bank/Vijaya Bank
- Library open from 8.00 am to 8.00 pm
- Power Backup Facility (520 kVA)
- Prompt Medical Assistance & regular visits by doctors
- Photocopy, stationery, general and book store.
- 24 hrs CCTV Surveillance
- Laundry Facility

## 900 kW (400 kW ROOFTOP & 500 kW CAPTIVE SOLAR POWER PLANTS)

SKIT is the first total green campus in Rajasthan. The solar power generation will annually generate nearly 14 lakh units of electricity cutting 1150 tons of CO<sub>2</sub> emissions that shall contribute towards saving nearly 34000 trees annually.





## MESSAGE FROM **THE CHAIRMAN**



Surja Ram Meel

With a vision to train and transform young professionals into responsible citizens engaging themselves for the betterment of the society, SKIT, Jaipur has come a long way from being an engineering college to being the No.1 engineering college in Rajasthan. The Institute aims to produce skilled and trained industry-ready professionals through imparting quality technical education and acts as the center of excellence for engineering and scientific research. Tremendous hard work, confidence and faith of all the stakeholders and well-wishers of the Institute encourage us to strive towards the zenith of academic excellence. Being an integral part of the dynamic research community, SKIT focuses on designing engineering and management programs that instil leadership and teamwork, and carries a global appeal. The undergraduate, postgraduate and Ph.D. programs are regularly revised to comply with global technical developments and market demands.

The research conducive green campus encourages the young minds to develop attributes and knowledge beyond the constraints of traditional classroom teaching and learning. The flexibility in the design of management and engineering education in the institute incubates global trends and helps to meet future demands, ensuring better Institute-Industry partnership both at local and global levels. SKIT has been able to create a niche of its own and become the most preferred institute in the north western region of the country. It stands as a humble spectacle where tradition meets vogue, aspiration meets inspiration and regional excellence defines global benchmarks.

## MESSAGE FROM **THE DIRECTOR**



Jaipal Meel

SKIT is on a fascinating path of growth and development. As you are aware, it has already established itself as No.1 technological institute in Rajasthan, and also stands amidst the top ranking institutes of the country. But this is just the tip of the iceberg compared to the huge initiatives and progress the institute is making. Our faculty strength has increased during the last two years. The excellence in teaching and research comes from the careful choice of faculty members in which SKIT has not made any compromise. It has gone to outreach and fetch scholars from all over the world to enrich its faculty strength and quality.

We focus on the principle of more hands on experience with strong fundamentals offering more choices to the students and imbibing social and national commitments in them. SKIT has expanded its outreach to industry and the best academic institutions in the country by entering into active collaborations with them. Research collaboration is not an additional feather in our cap but an integral part of our growth strategy. We have made a mark for ourselves but there is a long way to go. I am sure, with the active cooperation of all our stakeholders, students, faculty, staff, employees, collaborators, parents of the students, governmental organizations, media and public at large, we will be able to fulfill the motto of SKIT.



## MESSAGE FROM **DIRECTOR (ACADEMICS)**



Dr. S. L. Surana

With an ever increasing demand for efficiently contributing to the robust growth of a scientifically advancing nation, it becomes essential to harmonize academics, research and the skills like communication & presentation, leadership, innovation and professional creativity. SKIT in this regard, is an institution which spares no effort in harnessing the best facet of a student's persona. We lay a strong emphasis on creating a potent blend of curriculum and practice to address the global challenges. It may be proudly recorded that since its inception, our initiatives in this direction have been constantly strengthened. With a vision to keep ourselves in sync with the latest interdisciplinary advancements in the field of research, SKIT ventured into the publication of its in-house research journal, THE SKIT RESEARCH JOURNAL. The values of discipline, integrity of thought, commitment towards achieving goals, accountability for every success and failure and a high sense of contributing excellence are the essential tenets of SKIT. The recent record of our students placed with several companies of repute asserts our success story. At the beginning of this new academic session, we aspire to keep the same spark alive and reach greater and farther horizons of success.

## MESSAGE FROM **THE REGISTRAR**



Rachna Meel

Today, the role of education has spread its domains to not just pursuing academic excellence but also to motivate and empower students to be lifelong learners, critical thinkers, and productive members of an everchanging global society. The talents, skills, and abilities of each student need to be identified, nurtured, and encouraged so that he / she is able to reach greater heights. Students need to be provided with a platform to think, express, and exhibit their skills. It is necessary to empower them to negotiate several issues that confront them. By converting every individual into a self-reliant and independent citizen, the institute provides an amalgam of scholastic and co-scholastic activities. No wonder, a student harnessed in such an atmosphere has every hope and possibility of becoming a responsible, balanced and a mature adult and is able to contribute and to shoulder responsibilities of society. At SKIT, our approaches to learning is child centric, encouraging learning and inculcating a scientific temper and a spirit of free enquiry.

## MESSAGE FROM **THE PRINCIPAL**



Dr. Ramesh Kumar Pachar

The latest advances in technology and communication have provided a great impetus in designing and delivering innovative ways of learning. Distance learning and virtual education have been a boon in enlisting thousands of hitherto wasted human potential into useful, skillful, employable citizens. We are aware of the needs of our country to make it a knowledge based super power in the years to come. With this in view, we have stepped in to meet the present day academic milieu for the student community. The idea is to create opportunities in various fields by incorporating latest specialties of learning, which would cater to the critical needs of the industry and economy. We foresee a close interaction among the universities, industries, business houses and association in modeling the content and skills. This will surely result in better employability and greater productivity ultimately contributing to the nation's economy. SKIT as a parent institute will always foster the comprehensive development of its pupils. We believe in strengthening the foundations & thus the building takes care of itself well.

# BOARD OF GOVERNORS

|  |                  |
|--|------------------|
| Shri Surja Ram Meel, (LL.B.)   | Chairman         |
| Shri Anil Bafna, (F.C.A.)  | Vice Chairman    |
| Shri Jaipal Meel, (M.B.A.), Director, SKIT, Jaipur   | Member           |
| Dr. S. L. Surana, (B.E. M.Tech., Ph.D., FIE, SMIEEE, MISTE, FIETE)<br>Director (Academics), SKIT, Jaipur                         | Member           |
| Mrs. Rachna Meel, Registrar, SKIT, Jaipur  | Member           |
| Dr. Ramesh Kumar Pachar, (B.E. M.Tech., Ph.D.), Principal, SKIT, Jaipur  | Member Secretary |
| Dr. S. K. Calla, (B.E. M.Tech., Ph.D.), Ex. CMD RRVNL  | Member           |
| Dr. Anil Choudhary, Professor, Faculty Member of SKIT, Jaipur  | Member           |
| Ms. Gloria Joseph, Assistant Professor, Faculty Member of SKIT, Jaipur   | Member           |
| Nominee of the State Government-Director of Technical Education (Ex-Officio)   | Member           |
| Nominee of the All India Council for Technical Education-Regional Officer (Ex-Officio)   | Member           |
| Nominee of the Rajasthan Technical University, Kota  | Member           |
| Industrialist/technologist/educationist from the region as nominee of council out of the panel approved by the Chairman of AICTE | Member           |
| Industrialist/technologist/educationist from the region nominated by the State Govt.   | Member           |







# ACADEMIC & MANAGEMENT COUNCIL

The Institute has constituted academic & management council for discussing all issues related to academics and management including planning and development aspects. The academic and management council meets regularly. Members of the council are as follows:

## MEMBERS

1. Shri S. R. Meel : Chairman, SKIT
2. Shri Anil Bafna : Vice Chairman, SKIT
3. Shri Jaipal Meel : Director, SKIT
4. Prof. (Dr.) S. L. Surana : Director (Academics), SKIT
5. Mrs. Rachna Meel : Registrar, SKIT
6. Prof. (Dr.) Ramesh Kumar Pachar : Principal, SKIT
7. Prof. M. L. Bhargava : Advisor, SKIT
8. Mrs. Abba Meel : Advisor, SKIT
9. Prof. (Dr.) Dheeraj Joshi : HOD - Deptt. of ME, SKIT
10. Prof. (Dr.) Mukesh Arora : HOD - Deptt. of EC, SKIT
11. Prof. (Dr.) Mukesh Gupta : HOD - Deptt. of CS, SKIT
12. Prof. (Dr.) Anil Choudhary : HOD - Deptt. of IT, SKIT
13. Shri L.N. Dutt : HOD - Deptt. of Civil Engineering, SKIT
14. Prof. (Dr.) Dhanraj Chitara : HOD - Deptt. of EE, SKIT
15. Prof. (Dr.) Rohit Mukherjee : In-charge, B.Tech 1st Year
16. Prof. (Dr.) Amber Srivastava : HOD - Deptt. of Mathematics, T & P CELL, SKIT
17. Prof. (Dr.) R. K. Jain : In-charge, Examination
18. Dr. Brajraj Sharma : HOD - Deptt. of Physics, SKIT
19. Dr. Sharda Soni : HOD - Deptt. of Chemistry, SKIT
20. Dr. Neha Purohit : HOD - Deptt. of English, SKIT
21. Dr. Sanjeev Mathur : HOD - Deptt. of MS

## INVITEES

1. Prof. (Dr.) R. P. Yadav : Professor, Department of Electronics & Comm. Engineering, MNIT, Jaipur and Former Vice-Chancellor, Rajasthan Technical University, Kota
2. Prof. (Dr.) Manoj Singh Gaur : Director, IIT Jammu, Professor-HAG, Department of Computer Engineering, MNIT, Jaipur
3. Prof. (Dr.) M. C. Govil : Director, NIT Sikkim, Professor, Department of Computer Engineering, MNIT, Jaipur
4. Prof. (Dr.) M. K. Shrimali : Professor & Head, Department of Civil Engineering, MNIT, Jaipur
5. Prof. (Dr.) K. R. Niazi : Professor, Department of Electrical Engineering, MNIT, Jaipur
6. Prof. (Dr.) S. L. Soni : Director, NIT Uttarakhand, Professor, Department of Mechanical Engineering, MNIT, Jaipur
7. Prof. (Dr.) K.V.V. Murthy : Former, Visiting Professor, IIT, Gandhinagar
8. Prof. (Dr.) M. L. Kothari : Emeritus Professor, IIT, Delhi

## B.TECH. 1st YEAR PROGRAMME

Centre for Electronic Governance (CEG), Jaipur will conduct the centralized counseling through REAP-2020 (Rajasthan Engineering Admission Process) for admissions in B.Tech. 1st year on the basis of "Scaled percentage/percentile in class 12th Science" (1st Priority) / "Percentage of Diploma in Engineering and Technology" (2nd Priority). There is no age limit for admission.

Eligibility: Passed Class-12 (10+2) exam with at least 45% marks (40% marks for reserved category) in Physics & Mathematics (compulsory subjects) along with one of the

subjects (Chemistry/ Biology/ Biotechnology /Technical Vocational subject/ Computer Science/ Information Technology/ Informatics Practices/ Agriculture/ Engineering Graphics/ Business Studies) from Board of Secondary Education Rajasthan (BSER), Ajmer /CBSE /NIOS/any other recognized Board.

OR  
Passed Diploma (3 years) in Engineering and Technology exam with at least 45% marks (40% marks for reserved category) from Board of Technical Education Rajasthan (BTER), Jodhpur/ any other recognized board /university.

| Branch (Code)   | Approved Intake | Division of AICTE Approved Intake        |   |                                | Supernumerary Seats            |            |           |
|---|-----------------|--|---|--------------------------------|--------------------------------|------------|-----------|
|   |                 | 70% Seats for Rajasthan State Candidates | 15% Seats for Out of Rajasthan State Candidates | 15% Seats for Management Quota | TFWS                           |            | EWS       |
|   |                 |  |   |                                | For Rajasthan State Candidates |            |           |
| Civil Engineering (105)                                       | 120             | 84                                       | 18  | 18                             | 6                              | 12         | 6         |
| Computer Science & Engineering- Artificial Intelligence (180) | 60              | 42                                       | 9   | 9                              | 3                              | 6          | 3         |
| Computer Science & Engineering (106)                          | 240             | 168                                      | 36  | 36                             | 12                             | 24         | 12        |
| Electronics & Communication Engg. (109)                       | 150             | 105                                      | 23  | 22                             | 8                              | 15         | 8         |
| Electrical Engineering (107)                                  | 180             | 126                                      | 27  | 27                             | 9                              | 18         | 9         |
| Information Technology (112)                                  | 90              | 63                                       | 13  | 14                             | 5                              | 9          | 5         |
| Mechanical Engineering (113)                                  | 240             | 168                                      | 36  | 36                             | 12                             | 24         | 12        |
| <b>Total</b>  | <b>1080</b>     | <b>756</b>                               | <b>162</b>                                      | <b>162</b>                     | <b>55</b>                      | <b>108</b> | <b>55</b> |

**Admission Process through REAP-2020:**  
For Out of Rajasthan state and Rajasthan state candidates: Eligible candidates can apply through **REAP website- [www.cegreap2020.com](http://www.cegreap2020.com)** by filling an online application cum registration form as per REAP schedule. There is no need to apply separately for TFWS and EWS seats since they are allotted on the basis of merit.

**For Management Quota:** Candidates need to

apply in person at Institute premises only for admission under this category.

**Eligibility for Supernumerary Seats:**

TFWS Seats: Additional 5% seats of the approved intake in each branch are reserved for the candidates belonging to economically backward class of Rajasthan State with the family income lesser than or equal to Rs. 8 Lacs p.a. from all sources. Candidates should select the appropriate option to indicate

income while filling REAP-2020 application form. These seats will be allotted to the candidates on the basis of merit by REAP. An income proof is required at the time of admission.

**EWS Seats:** Additional 10% seats of the approved intake in each branch are reserved for candidates of Rajasthan state belonging to the economically weaker section. The candidate's family income should be less than or equal to Rs. 8 Lacs p.a. from all the sources for applying under EWS category. Candidates should select category "EWS" in the REAP-2020 application form. These seats will be allotted to the candidates on the basis of merit by REAP. A certificate by the competent authority is mandatory at the time of admission.

**KM Seats:** Additional 5% seats of the approved intake in each branch are reserved for the candidates whose parents have migrated from Jammu & Kashmir State. A certificate to this effect by the competent authority is required at the time of admission.

**PMSSS Seats:** Additionally, a total of 20 seats in different branches are reserved for candidates belonging to Union Territories (UTs) of J&K and Ladakh who have passed 12th exam from J&K/ CBSE board affiliated schools located in J&K and Ladakh from 2018-19 onwards. The candidate's family income should be less than or equal to Rs. 8 Lacs p.a. from all the sources for applying under PMSSS category. The application and allotment process for admission under this category is governed by AICTE, New Delhi which can be located at <https://www.aicte-jk-scholarship-gov.in/>. AICTE provides scholarship to meet the expenditure towards Academic Fees (other than non refundable fees) and Maintenance Allowances to the candidates admitted under this category.

## B.TECH. 2ND YEAR (LATERAL ENTRY)

Coordinator, LEEP (Lateral Entry in Engineering Program) conducts the centralized counseling for admissions to B.Tech. 2nd year on the basis of diploma (3 years) in Engineering & Technology/ B.Sc. exam marks with Mathematics as a subject. There is no age limit for admission.

**PMSSS Seats:** Additionally, a total of 20 seats in different branches are reserved for the candidates belonging to Union Territories (UTs) of J&K and Ladakh who have passed 10+3

**Seat Matrix & Eligibility:** The seats matrix and eligibility criteria are given below

| Diploma passed in following courses   | Eligible for admission in following branches | Seats Available | Eligibility  |
|---|--|-----------------|--|
| Computer Science and Engineering, Information Technology  | Computer Science and Engineering             | 24              | Passed Diploma (3 years) in Engineering & Technology/ B.Sc. exam (Mathematics as subject) with at least 45% aggregate marks (40% marks for reserved category) from the BTER, Jodhpur/ an AICTE approved Institution/ UGC recognized University |
|   | Information Technology                       | 09              |  |
| Electronics Engineering, Electronics (Fiber Optics), Electronics (Bio-Medical), Instrumentation                               | Electronics & Communication Engineering      | 15              |  |
| Electrical Engineering  | Electrical Engineering                       | 18              |  |
| Civil Engineering, Civil (Construction)   | Civil Engineering                            | 12              |  |
| Mechanical Engg., Mechanical Engg. (Auto), Mechanical Engg. (Production), Mechanical Engg. (Refrigeration & Air Conditioning) | Mechanical Engineering                       | 24              |  |

**Note :** Candidates who have passed B.Sc. exam with Mathematics as a subject can apply for any branch of engineering.

diploma examination from J&K Board. The family income of such applicants should be less than or equal to Rs. 8 Lacs p.a. from all the sources. The AICTE provides scholarship to meet the expenditure towards Academic Fees (other than non refundable fees) and Maintenance Allowances to the candidates admitted under this category. To apply follow PMSSS Admission Website: <https://www.aicte-jk-scholarship-gov.in/>  
[www.aicte-jk-scholarship-gov.in/](http://www.aicte-jk-scholarship-gov.in/)

## M.TECH. PROGRAMME

Coordinator, CAM (Centralized Admission for M.Tech.) conducts the centralized counseling for admissions to M.Tech. 1st year programme on the basis of B.E./B.Tech. or equivalent exam with at least 55% aggregate marks or 6.25 CGPA on 10 point scale (50% aggregate marks/ 5.75 CGPA on 10 point scale for SC/ ST candidates of Rajasthan State) from Rajasthan Technical University, Kota/ UGC recognized University. First priority will be given to GATE qualified candidates. **The AICTE provides a scholarship of Rs. 12,400/- per month for 24 months to the GATE qualified candidates only.**

**Seat Matrix:** The seat matrix and eligibility are given below

| Department                          | Specialization             | Approved Intake | Eligibility   |
|-------------------------------------|----------------------------|-----------------|---|
| Computer Science and Engg.          | Computer Science           | 18              | B.E. or B.Tech in Computer/Information Technology, MCA (Mathematics as subject in UG)/ M.Sc.(IT)/ M.Sc.(CS)   |
| Electronics and Communication Engg. | Digital Communications     | 18              | B.E. or B.Tech. in Electronics/ Applied Electronics/ Instrumentation/ Electrical and Electronics/ Electronics & Communication / Biomedical Engineering / EI&C / M.Sc. (Electronics)/ Electrical and Electronics |
|                                     | VLSI Design                | 9               | B.E. or B.Tech in Electronics and Communication/ Applied Electronics/ Computer Engineering  |
| Electrical Engineering              | Power Systems              | 18              | B.E. or B.Tech in Electrical/Electrical and Electronics Engg./ EIC/ Applied Electronics   |
| Mechanical Engineering              | Production Engineering     | 09              | B.E. or B.Tech in Production & Industrial /Mechanical / Production/Metallurgy   |
|                                     | Renewable Energy           | 18              | Any branch of B.E. or B.Tech or M.Sc. (Physics) with 60% marks  |
| Civil Engineering                   | Transportation Engineering | 18              | B.E./ B.Tech in Civil, Construction Technology  |

**KM Seats:** Additional 5% seats of the approved intake in each branch are reserved for the candidates whose parents have migrated from Jammu & Kashmir State. A certificate to this effect by the competent authority is required at the time of admission. Apply for admission through CAM website.

## MBA PROGRAMME

Coordinator, RMAP conducts the centralized counseling for admissions to MBA 1st year programme on the basis of bachelor degree/ equivalent exam with at least 50% aggregate marks (45% marks for reserved category) from any recognized Institution/University. First preference will be given to the candidates with valid CMAT score.

| Programme | Specialization   | Approved Intake | Division of AICTE Approved Intake |                            | Supernumerary Seats |     |    |
|-----------|--|-----------------|-----------------------------------|----------------------------|---------------------|-----|----|
|           |  |                 | 75% seats for all candidates      | 15% Seats under Management | TFWS                | EWS | KM |
| MBA       | Human Resource, Finance, Marketing, Information Technology Management, Production & Operation Management | 60              | 51                                | 09                         | 3                   | 6   | 3  |

### Eligibility for Supernumerary Seats:

**TFWS Seats:** Additional 5% seats of the approved intake are reserved for the candidates belonging to the economically backward class of Rajasthan State only. The family income should be less than or equal to Rs. 8 Lacs p.a. from all sources for applying to this category.

**EWS Seats:** Additional 10% seats of the approved intake are reserved for the candidates belonging to the economically weaker section of

Rajasthan State only. The family income of less than or equal to Rs. 8 Lacs p.a. from all sources for applying to this category.

**KM Seats:** Additional 5% seats of the approved intake are reserved for the candidates whose parents have migrated from Jammu & Kashmir State. A certificate to this effect by the competent authority is required at the time of admission. Apply for admission through RMAP website.

## Ph.D PROGRAMME

### Departments :

Computer Science and Engineering  
Electronics and Comm. Engineering  
Electrical Engineering

RTU, Kota has recognized three departments of the Institute as research centre. RTU-DAT (Rajasthan Technical University Kota through Doctoral Admission Test), Rajasthan Technical University, Kota conducts the centralized counseling for admissions to Ph.D programme as full time/ part time on the basis of written test and interview as per RTU-DAT guidelines. The institute provides a scholarship of Rs. 8000/- per month for the full time Ph.D scholar.

For more details, visit [www.rtu.ac.in](http://www.rtu.ac.in).



# FEES STRUCTURE

The fee for SFS, EWS & KM categories approved by the State Level Fee Determination Committee (appointed by Govt. of Rajasthan) and/or Competent Authority is as follows.

| PROGRAMME                  | COURSE FEE*<br>(GOVT. APPROVED)<br>PER ANNUM | REGISTRATION<br>FEE | CAUTION MONEY<br>(ONE TIME- REFUNDABLE) |
|----------------------------|--|---------------------|---|
| B.Tech. 1st Year           | ₹ 90,400                                     | ₹ 1,000             | ₹ 7,500                                 |
| B.Tech. 2nd Year (Diploma) | ₹ 90,400                                     | ₹ 1,000             | ₹ 7,500                                 |
| MBA                        | ₹ 60,500                                     | ₹ 1,000             | ₹ 7,500                                 |
| M.Tech.                    | ₹ 77,000                                     | -                   | ₹ 7,500                                 |

- TFWS category: Admitted under this scheme, the candidate is not required to deposit tuition fee.
- The course fee is accepted in two installments (semester wise).
- The additional fee of the affiliating university (RTU, Kota) is to be paid as per the university requirement.

\*The above course fees may be revised by the Govt. of Rajasthan/Competent Authority. This stands applicable for the students admitted in the academic session 2020-21.

## HOSTEL FEES

SKIT provides air cooled hostel facility for boys & girls separately. The Nirwana Boys Hostel has single occupancy & Noran Girls Hostel has double occupancy in Institute premises. The hostel charges including lodging & boarding are given below:

| I Installment<br>(at time of admission) | II Installment<br>(in the month of October) | III Installment<br>(in the month of January) | Total Fee | Security Money<br>(One Time- Refundable) |
|---|---|--|-----------|--|
| ₹ 31,000                                | ₹ 31,000                                    | ₹ 31,000                                     | ₹ 93,000  | ₹ 5,000                                  |

**Note:** In view of current pandemic situation, the above fee is not applicable for session 2020-21. The fee will be decided on a monthly basis starting from the month of occupancy of hostel till June 2021.

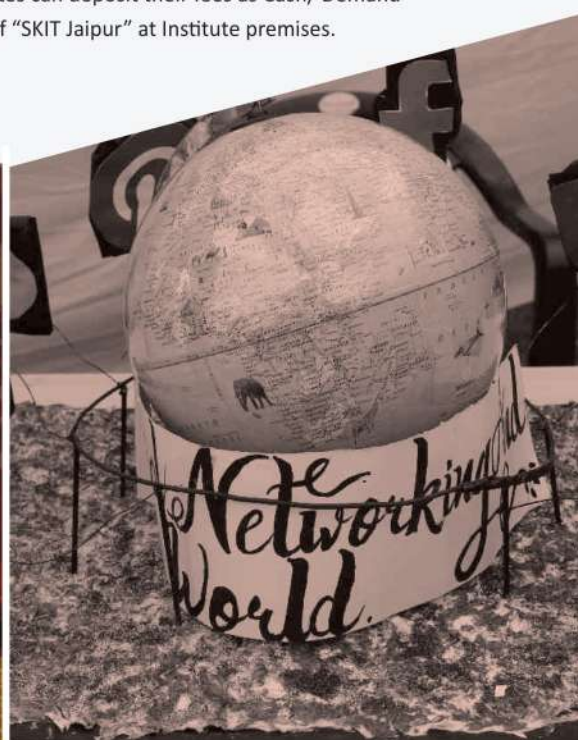
### Mode of Payment:

Online: Candidates can deposit their fees through Fee payment portal- [www.erp.skrit.ac.in/signin/index](http://www.erp.skrit.ac.in/signin/index)

Offline: Candidates can deposit their fees as Cash/ Demand Draft in favour of "SKIT Jaipur" at Institute premises.

## SCHOLARSHIPS

The Institute offers Shrimati Gyani Devi Scholarship and SKIT Alumni Scholarship worth Rs. 10 Lacs for needy / meritorious students. Apart from this AICTE offers Pragati Scholarship for girl students. The State / Central Government also provides scholarship for socially and economically weaker sections. Various government departments also provide numerous scholarships/ financial assistance to the wards of their eligible employees.



# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

# DEPARTMENT OF INFORMATION TECHNOLOGY

**The department is introducing a new stream Artificial Intelligence from the academic year 2020-21**

The Department is dedicated towards providing its students with a motivating environment and facilitating their academic requirements with committed and expert supervision of faculty and experts from various fields from time to time. The department offers B.Tech (CSE) & B.Tech (IT), M.Tech (CSE) and PhD(CSE).

The B.Tech degree programme has been accredited by NBA in both CSE and IT. Organises Spoken Tutorial and NPTEL Certification by IIT Bombay and has Virtual Lab setup by IIT madras. Department has subscription of Microsoft EDU CLOUD which provide cloud infrastructure reserch and development for students and faculty members.

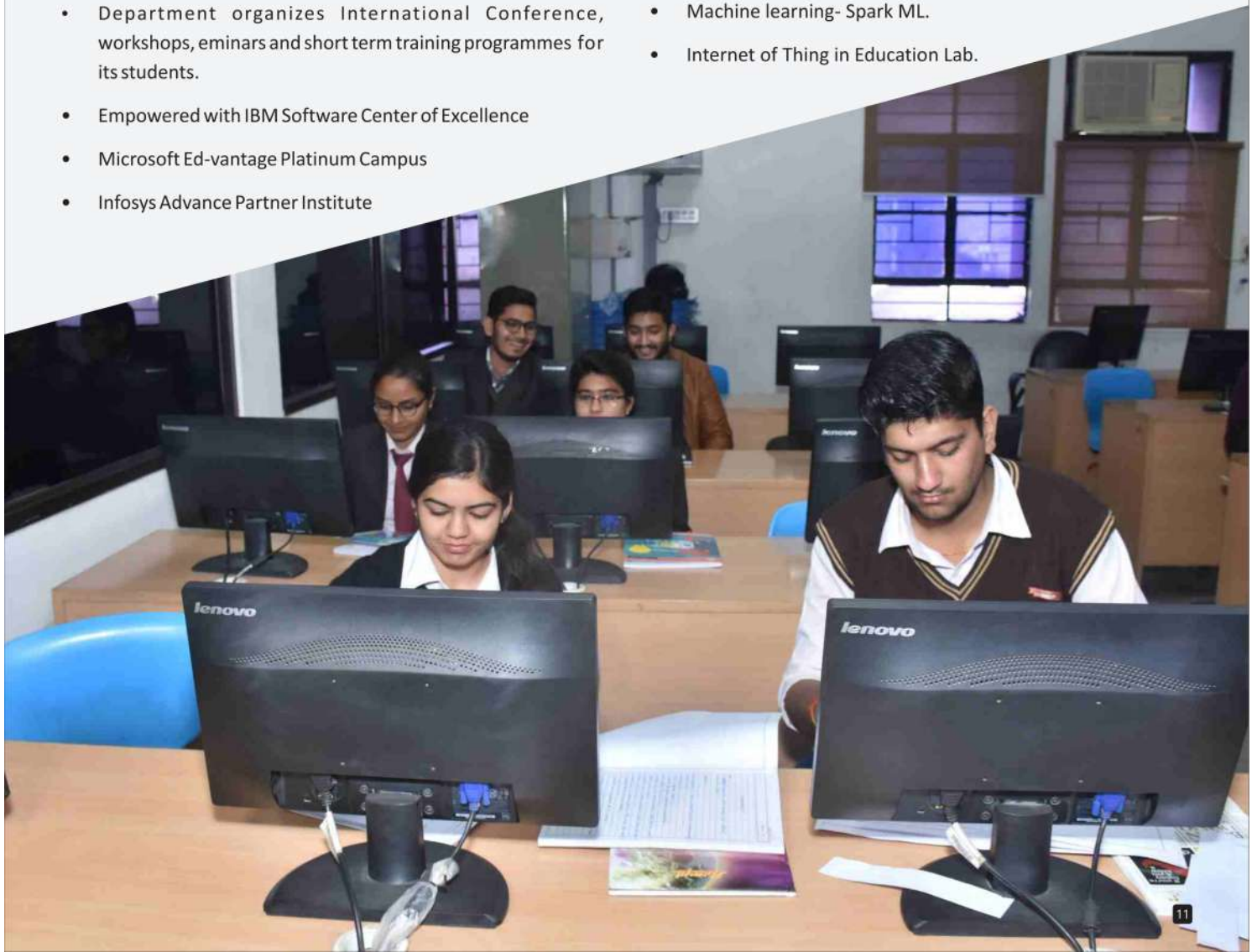
## SALIENT FEATURES

- Department organizes International Conference, workshops, eminars and short term training programmes for its students.
- Empowered with IBM Software Center of Excellence
- Microsoft Ed-vantage Platinum Campus
- Infosys Advance Partner Institute

- Capgemini Certification Partner
- Internet facility is provided in the laboratories through a lease line based on Radio Frequency (RF)/ Fiber Optic Cable (FOC).
- Apart from active participation in various extracurricular activities, the students also work on live projects from industry and various professional bodies like DST, IE and AICTE etc.
- Classrooms are equipped with smart boards and projectors with audio video systems.
- Departmental Library facility is provided.

## PROMINENT LABS

- Microsoft Cloud Competence Centre Lab
- Industry Academia Interface Lab for hands-on experience on emerging technologies by Subject Matter Experts (SMEs) from industry.
- High Performance Computing data center to support intranet and internet services.
- IBM Software Center of Excellence.
- Data Analytics Lab-Apache Spark and hadoop.
- Machine learning- Spark ML.
- Internet of Thing in Education Lab.



# DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



The department aims at educating and training students with sound knowledge and awareness in recent developments in electronics and communication technologies. Since its inception, the department broadly emphasizes on high quality education and on design aspects of electronic systems. It has well equipped laboratories that complement the high standards of the institute. Courses beyond syllabus are taught to inculcate several abilities in the budding students and to nurture the students towards research, development and higher learning. Experts from the industry are periodically invited to give lectures/demonstrations to the students on the latest developments in the field. Students are given exposure to industries by industrial visits and industrial training session.

## SALIENT FEATURES

- The B. Tech. program of the department has been thrice accredited by NBA.
- The department has all the equipment required for course work of B. Tech, M. Tech and Ph. D programmes. These can cater for desired research work. This includes 14 GHz Field Fox microwave analyzer (VNA) (N9916A), 1 GHz spectrum analyzers, signal synthesizer, signal generators, 200 MHz digital storage CROs, optical fiber communication equipment, CDMA-DSS trainer kit, Doppler Radar, Advanced MIC trainer, CMS320C6713 DSP Platform with Code composer Studio, Power sensor, digital communication trainer's kit & experimental board for DSP's, CPLD's, FPGAs

and embedded microcontroller trainer kit with interfacing etc.

- It has a mix of analog and digital equipment for hardware design, microprocessor and microcontroller programming, independent computing facilities to perform simulation based design using HFSS, Xilinx Vivado, LabVIEW, OrCADE/Pspice, Mentor DSP and MATLAB etc. softwares of which complete support and related services are available.
- The department has well qualified and experienced faculty in sufficient number to teach and guide the students (as per the requirement of National Board of Accreditation).The students are divided into batches of about 30 students. A faculty member is assigned to every batch to mentor and monitor the students
- The Department is having sufficient classrooms (Digi-smart classes also) and sophisticated laboratories, equipped with audio-visual aids. The department is equipped with uninterrupted power supply and internet connectivity. The department also has a well stocked library of its own.
- For proper coordination among the faculty, staff and the students, a healthy environment has been created in the department. Co-curricular and extra-curricular activities are given due attention and opportunity. The department has student chapters of several international and national professional institutions like IEEE, OSA, IETE and ISTE. Students enjoy learning and experimenting in the "Embedded Club" of the department.

## PROMINENT LABS

- Research Center
- M. Tech (DC) Lab
- M. Tech (VLSI) Lab
- Wireless communication lab
- Project Lab I & II
- RF Simulation Lab
- Microwave Engineering Lab
- VLSI & optical fiber Lab
- Signal Processing & Image Processing Lab I & II
- Communication Lab I&II
- Advanced Microprocessor and Microcontroller Labs
- Electronics Devices & Circuits Lab
- PCB Fabrication Lab
- Instrumentation & Measurement Lab
- Industrial Electronics Lab
- Virtual Lab

# DEPARTMENT OF ELECTRICAL ENGINEERING

The department is a dynamic and growing community of scholars with an emphasis on research oriented teaching and is active in most of the dimensions of electrical engineering. Apart from academics, R&D, consultancy, continuing education programmes and administrative responsibilities, the faculty participates in many interdisciplinary activities for perpetual enhancement of teaching skills. The department faculty regularly contributes to conferences and journals at The National and International levels for the sake of upgrading knowledge in the respective fields. The graduates of the department venture out for a wide range of organizations including reputed MNC's (Adani Power, TCS, Infosys Ltd. C&G etc.), PSU's (PGCIL, BHEL, BARC etc.), Armed Forces and Indian Engineering Services (IES). The students are also successfully seeking admissions in reputed universities all around the world for further studies and global exposure. The B.Tech degree programme has been accredited 4 times in succession by NBA since 2009.

## SALIENT FEATURES

- Department started PhD Programme (Electrical Engineering Research Centre, approved by RTU Kota) during session 2014-2015.
- Other than routine teaching of university curriculum, the department strives for continuous improvement by conducting project and design contests as well as preparatory test series to enhance analytical and soft skills of its students and to strengthen their chances to achieve their goals.
- Conferences, industry visits, workshops and training on modern research areas, expert lectures by faculty from industries & reputed institutes are held at regular intervals.
- The cut-sections of various machine and transparent models of instruments have been procured to give the students a practical insight into their working.
- A generalized Electrical Engineering Lab is established in the department with measuring and monitoring devices, various electrical and electronics components used in industries which enables students to work and learn practical applications of Electrical Engineering.
- In addition to the Central Library, the department has its own library. Here the faculty has an access to text and reference books from well known publishers, journals, magazines, lab manuals, lecture notes, project notes, seminar/training reports, alumni contacts, university question paper, syllabus etc.
- Students find their role in coordinating, participating and managing various curricular & extracurricular activities.
- There are ample opportunities for them to attain good

managerial skills.

- A number of student projects found grant from Department of science & technology, Rajasthan.

## PROMINENT LABS

Laboratories are extensively modernized to broaden the scope of basic learning and setups are so developed that students can



realize cases of their interest and also implement experiments which are beyond curriculum but proindustrial.

- Advance and comprehensive computer labs incorporated with PSCAD, MATLAB & PSpice type of advance designing softwares.
- Electrical Machine for I and II Laboratory
- Power Electronics Laboratory
- Power System Laboratory
- Electrical Measurement Laboratory
- Basic Electrical Engineering Laboratory
- Control System Laboratory
- Electric Drives Laboratory. This Laboratory is equipped with advanced research tools and is modernized under MODROBS scheme of AICTE.
- Project Laboratory
- PhD Research Lab
- Analog Electronic Laboratory
- Microprocessor Laboratory
- Electrical Circuit Laboratory
- Virtual Laboratory
- Digital Electronic Laboratory

# DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering is effectively managed since 2003 to provide teaching and research supervision in the main stream areas with a focused emphasis on research oriented teaching. Presently, the department offers B. Tech. (Mechanical Engineering), M. Tech. (Renewable Energy Technology) and M. Tech. (Production Engineering) programmes. The department has most modern laboratories developed and designed keeping in view the latest requirements. The B.Tech programme has been accredited thrice by NBA.

National Mission on Education through ICT program of Government of India, an e-Yantra Embedded System and Robotics Laboratory has been developed.



## SALIENT FEATURES

- The department has active student section of American Society for Mechanical Engineers (ASME), Society for Automotive Engineers India (SAE-INDIA), Renewable Energy Club and Robotics club.
- The department has developed its facilities in such a way that students can do self-study and undertake other curricular activities.
- Special attention is being paid for developing positive attitude, leadership, group working and safety consciousness in the laboratories and workshops.
- The Laboratory equipments chosen have multiple educational values. In addition to the main purpose of normal laboratory work, these can also be used for student projects and industrial consultancy.
- A special feature of the department is CAM and Robotics Laboratory, having a CNC Lathe machine, a CNC Milling machine and Five Axis Robotic Arm.
- In the Production Engineering Laboratory and Workshop, the department has wide variety of machine tools including Lathe, Milling, Shaper and Radial Drilling along with Capstan and Turret lathe, Tool and Cutter Grinder, TIG and MIG welding units. A MODROBS Grant of 4 lakhs has been sanctioned in this laboratory. A CNC Ultrasonic Machine has been purchased & installed under the AICTE MODROBS Grant.
- The Department also has Metal Melting Furnace with related testing equipments.
- In the Thermal Engineering and I.C. Engine Laboratory, the department has variable compression ratio computerised engines, multistage axial flow compressor, EGR system and Six Gas analyser. MODROBS Grant of 18 lakhs was sanctioned in for this laboratory.
- The department has a large number of actual cut-sectional models and equipments. These can be taken to the classroom or studied in the laboratories.
- In collaboration with IIT Bombay and MHRD under the

- Virtual Lab Nodal Centre has been established by IIT Delhi (An initiative of MHRD under the National Mission on Education through ICT).

## PROMINENT LABS

- Material Science and Testing
- Fluid Mechanics
- Fluid Machines (having all types of hydraulic turbines, centrifugal pump, compressors and hydraulic ram)
- Thermal Engineering, including Modern Internal Combustion Engines
- Automobile Engineering
- Basic Mechanical Engineering
- Renewable Energy
- Refrigeration and Air-Conditioning
- Heat Transfer
- Dynamics of Machines
- Vibration Engineering
- Mechatronics (including Pneumatic & Hydraulic Control System)
- Production Engineering and Workshop
- CAM and Robotics
- Industrial Engineering
- Computer Lab (having Auto CAD, MathCAD, Creo 2.0, ANSYS, Integrated Environmental Solution Software with 75 work stations, Cutviewer Turn CNC simulation software and Cutviewer Mill CNC simulation software with 30 workstations (15 each))
- Renewable Energy (having various solar radiation measuring instrument and solar concentrators)
- e-Yantra Embedded System and Robotics
- Metrology



# DEPARTMENT OF CIVIL ENGINEERING



Due to extraordinary growth in the infrastructure development in India and abroad, demand of skilled civil engineers is growing with high pace. To meet the growing demand of construction industries, our institute started B. Tech. course in civil engineering from the academic session 2011-12. All laboratories of the department are having latest technological instruments as per requirement of curriculum and also for research purpose. Civil Engineering Department also provides consultancy services on various technical issues to the society and government departments. The department is supported by a team of faculty members having excellent research credentials as well as extensive industrial experience.

## SALIENT FEATURES

- Department is institutional member of ICI (Indian Concrete Institute) and running Student Chapter of ICI. The Student Chapter of ICI was awarded with "Best Student Chapter" award by Ultratech Cement and Indian Concrete Institute - Rajasthan State Centre for the year 2019.
- Department is also running student chapters of Indian Building Congress (IBC) and Indian Green Building Congress (IGBC).
- Department is authorized by Govt. of Rajasthan for providing consultancy services to engineering departments.
- Department is also having In-house summer internship program. In this program software training and on-site training is provided to students to make them ready for the industry.
- Department is running "SKIT Test House & Research Centre" which provides commercial testing facility of building and road materials.
- Computer Lab of the Department is having latest version of Civil Engineering Softwares like AutoCAD, Revit, Civil 3D etc.
- Civil Engineering Students are facilitated by enrolling them for NPTEL online courses and Spoken Tutorial run by IIT's.
- Department is also having NIRMAAN CLUB, ART & CRAFT CLUB and ENVIRONMENT CLUB for overall development of

students.

- Department organizes Conference, Industrial Visits, Survey Camps and Expert Lectures from renowned personalities of academia and industry at regular intervals.
- Department is having well equipped smart classrooms with Internet connectivity. There is 24hrs electricity backup for uninterrupted studies of students.
- In addition to Central Library, Department is having its own library where faculty have access to reference books from well known publishers, Magazines, lab manuals etc.
- Department is starting M-Tech course in Transportation Engineering.



## PROMINENT LABS

- Concrete Lab
- Road Material Testing Lab
- Geotechnical Engineering Lab
- Surveying Lab
- Engineering Geology Lab
- Structural Engineering Lab
- Environmental Engineering Lab
- Computer Lab
- Material Testing Lab
- Fluid Mechanics Lab
- Highway Material Testing Lab
- Computer Aided Traffic Studies Lab



## DEPARTMENT OF SCIENCES & HUMANITIES

The Department of Sciences and Humanities deals with subjects like Physics, Chemistry, Mathematics and English. Most of the faculty members in the department hold Ph.D. and are contributing substantially to leading National and International Journals, Conferences and Symposia.

The Department has hosted several of these Conferences and Symposia in the past.

### SALIENT FEATURES

- The Department is adequately equipped to undertake standard projects from various organizations, like AICTE, DST, UGC and conducts National and International seminars/ symposia.
- The Department engages regular tutorials to give the student better & comprehensive understanding of the subjects.
- Students are engaged in some innovative experiments and projects other than those prescribed in the syllabus.
- Physics Lab is equipped sufficiently with many modern instruments, which are well maintained & updated regularly.
- Chemistry lab is associated with a research lab where water analysis and corrosion studies are carried out.
- Language Lab: This digital multimedia language lab operates through SANAKO and SNET Digital multimedia Language Lab Softwares. This lab is equipped with language learning

software courses from Clarity, Cambridge University Press, Oxford University Press & other software courses to prepare for IELTS, TOEFL, BEC etc.

Through this computer assisted mode of language learning, the students get the feel of the native speaker pronunciation and can get exposure to numerous exercises on grammar, vocabulary and pronunciation for practice.





## DEPARTMENT OF MANAGEMENT STUDIES

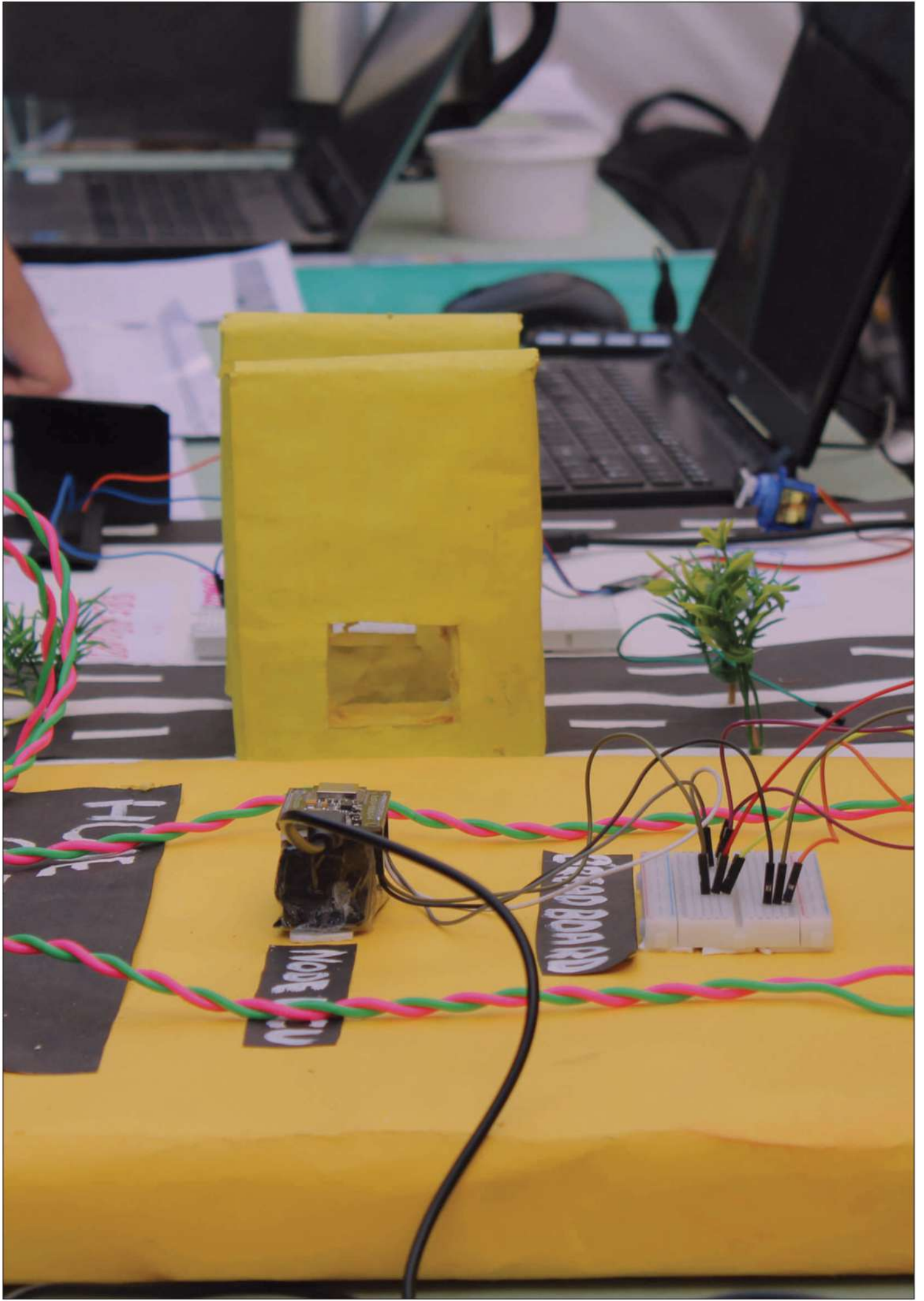
In its endeavour to strengthen the philosophy of Swami Keshvanandji and to achieve excellence in Techno-Managerial Environment, the institute established Department of Management Studies in the academic year 2006-07. The Department of Management Studies offers an AICTE approved Master of Business Administration (MBA) degree course, affiliated to Rajasthan Technical University, Kota.

- The Department is an active member of AIMA.
- The Department aims at developing future managers equipped with sound knowledge, the right kind of attitude and required skills.
- The Department uses a blend of well-qualified and experienced core faculty, invites renowned visiting faculty
- To enhance the horizon of knowledge many interactive sessions are organized for students with senior management personnel from industry.
- Learning through seminars and conferences organized by the Department and by participation in events organized by other professional bodies.
- Industrial visits are organized to supplement the theoretical learning of the students.

- Individuals from different spheres are invited to interact with the students to provide guidance & sharing experiences.
- Emphasis on participation in various activities on campus and off campus.
- SIMAP - Course by SIDBI conducted at DMS
- Cost Effective quality management education.
- Preparation for IBPS/Bank Competitive Exams.
- Focus on Individual Development Programme through Purposeful Regular Obtainable Measurable Individually focused Success-oriented Engagement (PROMISE).
- Additional Certificate Course on International Business & Import & Export Mechanism.
- MBA students of SKIT have won prizes at the management fest organized by other institutes as well.
- Well-stocked library with subscription to more than a dozen newspapers and more than 50 journals.

**Highest placement this year has  
been of 8.20 lacs per annum.**

**FOCUS ON VARIOUS  
DEVELOPMENTAL AND SKILL  
ENHANCEMENTS ACTIVITIES.**



# INSTITUTE - INDUSTRY INTERFACE

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SKIT is running distinctly practical and focused teaching methodologies according to the industry needs evolved through constant interaction with prominent professionals constituting the Industry and Academic Advisory Boards of the institute. In addition to conveying theoretical knowledge, the curriculum emphasizes on the development of analytical proficiency, communication, problem solving skills and team work aptitude. Industry Institute Partnership Cell (IIPC): The Cell has been established in the institute as a focal point for better interaction between the academia and industry. The objective of the cell is to establish a platform for enhancing relationship between the institute and industries, thereby increasing the opportunities for the students for internships, live projects and to acquaint the students beforehand with the demands of the corporate atmosphere.

## 1. INFOSYS CAMPUS CONNECT

Infosys is our advanced partner in our industry initiatives, and since last 15 years we are working with Infosys toward producing industry ready engineers. SKIT has set the benchmark in Foundation program rollout, which is recognized by Infosys. Campus Connect is an industry-academia partnership initiative launched by Infosys Technology Limited. The campus connects initiative aims to enhance the education level of engineering student, national wide and thus increase the Employability of this Engineer. As a part of this initiative Infosys share with Partner Colleges its proven courseware, methodology and education experiences, Campus Connect thus helps partner colleges groom Industry Ready engineer.

## 2. IBM ACADEMIC INITIATIVE

IBM India Ltd is our regular industry partner and since last 15 years they are assisting us to enable our students and faculties, towards industry readiness, and has established IBM Software Centre of Excellence (CoE). To support above research areas, our High Performance Computing Lab is equipped with IBM high-end blade servers, and Hardware/Software with IBM bench marking and testing support.

This is a great initiation by IBM people to bring down the gap between education institute and industry. IBM software center of excellence gives not only the practical hand to the students but also the opportunity to become a professionally certified.

## 3. MICROSOFT ED-VANTAGE

Microsoft Ed-Vantage, launched in October 2012 in India aims to consolidate and enhance the benefits to both academic institutions and students who are leveraging well-established Microsoft programs like Campus Agreements, IT Academy, DreamSpark, Imagine Cup, Microsoft Innovation Centers, etc., that provide the right software tools to infuse the academic ecosystem with expertise, skills, opportunities and infrastructure.

This program's primary focus is to make students more

employable and equip them with skills relevant to industry needs. It is designed to help eligible academic campuses and their students connect with various organizations in Indian industry, thereby creating a platform for the students to explore internship and employment opportunities. SKIT, Jaipur a pioneer in industry embedded education is Microsoft's Ed-Vantage PLATINUM Campus in the state of Rajasthan.

SKIT has passed stringent qualifying criteria to achieve this prestigious landmark. Building on their illustrious track record in helping students to connect to future challenges, SKIT has taken their ability to deliver industry ready human resources to the next level, by partnering with Microsoft as an Ed-Vantage PLATINUM campus.

Under the Ed-Vantage collaborative model, Microsoft endeavors to provide the right platform to enable institutes across India to rise to their true potential by bringing in more technology innovation and capacity building for faculty and students; and making the students more employable.

## 4. SWAYAM-NPTEL

SKIT proudly associates with the well known initiative of AICTE and MHRD, India through its status of a local Chapter for SWAYAM and NPTEL courses. Within a short span, the institute has been awarded AA ranking among all institutes associated with the prestigious initiative of AICTE. The institute has successfully grabbed multiple gold medals and all India top positions in its first attempts.

## 5. FOSS

Free and open source software (FOSS) gives developers the opportunity to improve program functionality by modifying it. We have been providing FOSS such as Linux-based operating systems in our institutions for free and creating awareness on its benefits. The availability of this data can encourage collaborative efforts and innovations in teaching.

# INITIATIVES

(of the students, by the students, for the students)

The college in its endeavour to promote Extracurricular Activities has got some professional memberships of organizations of repute and runs various clubs in compliance with the norms. The institute has a specially designed a two hour slot in a week for these clubs. There are numerous extra- curricular activities being conducted every week to provide a constructive exposure to our students. There are 21 clubs and the main clubs and professional memberships for these activities are:

## ASME STUDENT SECTION

The ASME Student Section SKIT, Jaipur functioning under department of Mechanical Engineering was established in December, 2009 to provide the students with the opportunity to enhance their knowledge of the technical world, showcase talent and network with professionals and other student members from all over the world. All the first year students (from any branch) are eligible to become its member without any membership fee. Student members participate in ASME SPDC, ASME SLS and ASME HPVC every year and won several prizes. A team of four students of ASME Student Section won first prize in reputed Innovative Additive Manufacturing 3D (IAM3D) competition under ASME E-Fest Asia pacific 2019 held at VIT Vellore. The team have designed, manufactured and tested a hovercraft using 3-D printing for natural disaster situations. In this competition 25 teams from IITs, NITs, Hongkong Polytechnic and other reputed institutes from Asia pacific have participated.

## ISTE CHAPTERS

SKIT has a long term association with The Indian Society for Technical Education which is a national, professional, non-profit making society registered under the society's registration act of 1860. The major objective of ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations. Its activities are to plan and organize technical programs, special lectures, workshops, seminars, exhibitions to benefit the students. It encourages team spirit and self reliance among student members.

## IEEE CHAPTER



IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. SKIT as its member inspires a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities. IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity. Through its global membership, IEEE is a leading authority on areas ranging from aerospace systems, computers and telecommunications to biomedical engineering, electric power and consumer electronics among others.

## OSA STUDENT CHAPTER

OSA (Optical Society of America) supports an extensive global network of more than 370 Student Chapters worldwide. These chapters managed for and by students. The OSA student chapter of SKIT Jaipur was inaugurated by Prof. V Sinha (Retired professor IIT Kanpur) on 13th February 2019. The chapter serves as a means of communication and interaction between students, faculty, researchers, and industry professionals. The objective of this chapter is to promote awareness of optical science and the latest trends in optical engineering among the student and local communities. Recently, Mr. Anshul Kothari of Final year, ECE (a member of OSA student Chapter, SKIT ) is invited to participate and present his project idea in the student Leadership conference (SLC) and OSA Annual Meeting, Frontier in Optics/ Laser science (FiO/LS), held on 13-19th September 2019 in Washington DC, USA.

## TECH-INNOVA

Techinnova - a technical society of CS & IT departments, in its broadest sense encompasses all aspects of computing technology. Techinnova, as an academic discipline, focuses on meeting the needs of users within an organizational and societal context through the selection, creation, application, integration and administration of computing technologies. Techinnova is an academic discipline distinct from computer engineering, Information technology, computer science and management information systems. Techinnova hosts various technical events like software engineering and development, computer networking and communications, Web technologies, computer security, database management, and digital media technologies related events. Under the flagship of techinnova we have launched Industry Initiatives to provide more and more Industry oriented engineering education with Major software companies like IBM, Infosys etc.



# INITIATIVES

(of the students, by the students, for the students)

## SKIT SAE INDIA COLLEGIATE CLUB

This club was established on 6th March 2010 with a motive of enhancing the technical skills of the students. SAE INDIA is one of the few professional engineering societies whose membership represents practically every engineering and scientific discipline. Its members combine their specialized abilities to further advance the research, development, design, manufacture and utilization of vehicles which operate on land and water and in air and space.

## TOPAZ

SKIT Entrepreneurship club TOPAZ' was launched with an aim of fostering the entrepreneurial behavior among the students so that they can be job creators instead of being job seekers. SKIT entrepreneurship cell TOPAZ in association with National Entrepreneurship Network (NEN) organizes a number of workshops, entrepreneur's talk, video lecture series, industrial survey startup internship events and idea generation activities. SKIT entrepreneurship cell TOPAZ is connected with the E cell of more than 600 colleges all across India. TOPAZ won the National Champions Trophy in 2014, 2015 & 2016 by standing first in the entire north region.

## RENEWABLE ENERGY eCLUB

SKIT Renewable Energy Club, under the Rajasthan Renewable Energy Corporation Limited, Jaipur and Ministry of Non-Conventional Energy Resources, was launched six years ago. The prime objective of the club is to promote awareness about the current energy scenario and energy resources. It also aims at stimulating an active participation of future professionals in the field of energy conservation and exploration of alternate energy resources. The club organizes various activities on Rajeev Gandhi Akshay Urja Diwas every year.

## ALL INDIA MANAGEMENT ASSOCIATION (AIMA)



Founded in the year 1957, All India Management Association (AIMA) is an apex body of management with over 30,000 individual members, 3000 institutional members and 60 Local Management Association across India and overseas. AIMA undertakes a host of management related activities and initiatives such as Distance Management Education, Management Development Programs, Special Conferences, Research & Publications, Testing Services and Competitions. Today amid all the transitions, AIMA is helping the Indian managers to make the most of the new opportunities. AIMA is playing an instrumental role in assimilating the changing global perspective and equipping the Indian managers for it.



## IETE STUDENT FORUM

The department of EC is well connected with international professional societies like IETE, IEI. The forum encourages student participation and aims at providing a well-planned and sophisticated platform for extracurricular activities in electronic designs etc. It facilitates the exchange of information and ideas on these subjects with the members of IETE.

## SKIT TOASTMASTERS CLUB

SKIT Toastmasters club aims at nourishing communication and leadership skills among the youth and to prepare them to meet the international standards of communication. This club is chartered under the prestigious Toastmasters International USA. SKIT Toastmasters club is the only one of its kind among the technical colleges of north India. Members of SKIT Toastmasters club are making their mark in international speech contests and have achieved several laurels in terms of communication. SKIT Toastmasters Club has achieved several prestigious awards including the Distinguished Club Award & Golden Gavel Award.



# INITIATIVES

(of the students, by the students, for the students)



## ECO-FRIENDS CLUB

In order to instill awareness about environment among students Eco-Friends Club has been set up and now it has more than 430 members. The members of the club, known as 'Eco-Friends' strive to promote eco-friendly habits not only in the college but also amongst different masses. Great environmentalist, social reformer and the founder of Chipko movement, PadamBhushan Sunder LalBahuguna visited the campus during a club activity and motivated the students to participate in environment friendly activities. The club supported a two day DST Sponsored National Conference on New Dimensions in Green Technology for Sustainable Development in February 2014.

## ROBOTICS CLUB

The SKIT Robotics Club was founded in September 2007 with an objective to inculcate basic knowledge of robotics among the student members, to undertake project work as a part of learning process and to organize competitions to develop competitiveness among students. SKIT has consecutively been organising robotics workshop for the last six years. The Club aims at imparting basic knowledge through experts, lectures, undertakes group project work, organizes competition of the functional models within group and awards prizes for the best models. Club has been hosting IIT Bombay Techfest Zonal for the last four years.

## MSME INCUBATOR HOST INSTITUTE

SKIT has been recognized as Host Institute for implementation of the scheme "Support for Entrepreneurial and Managerial Development of MSMEs through Incubator" during Meeting of Project Monitoring and Advisory Committee (PMAC) held at New Delhi. Govt. of India is supporting business convertible ideas for Innovators, Start-Ups, Technocrats, Students, and MSMEs from all over India under the scheme of the Office of Development Commissioner – MSME, for 'Support for Entrepreneurial and Managerial Development of MSMEs through Incubators'. The Incubators / Host Institutions (HI) approved for the scheme will be supported by the Office of DC-MSME. Incubates selected ideas will be provided funding support in lakhs of rupees per approved idea, through the business Incubators chosen by them.

## SOFT SKILLS

Realizing the mission to move beyond the peripheries of the prescribed curriculum and the vision to strengthen the potential capacities of our students, SKIT runs a significant SOFT SKILLS Programme. The programme has an objective to enhance the basic grooming comprising personality fundamentals and spoken skills. It is subtly layered with the tenets of team building, leadership skills, inter and intra personality dynamics, attitude building, mannerisms and etiquette enhancement and many more. The programme is centered on meeting the expected standards of professional competence. This is the first step in the row of efforts to groom the soft skills of our students and make them industry-ready individuals.

## ICI CHAPTER

SKIT, Jaipur is institutional member of ICI (Indian Concrete Institute) and also running its student chapter. ICI is one of the leading professional bodies in India, being a non-profit Organization; it is dedicated to the cause of Disseminating Knowledge on Concrete and to address the Research Needs of Concrete. ICI embraces budding civil engineers thro ICI Students Chapters. The very objective of the students' chapters is to bridge the gap between their theoretical knowledge and what is being practiced in the field. Their involvement in ICI activities help them shape themselves to face the challenges in the field, when they come out of the Institutions and enhance their Employability Quotient.



## INSTITUTION OF ENGINEERS (IE) STUDENT CHAPTER

Institute of Engineers (IE) Student Chapter for Electrical Engineering was established in July 2012. This helps the students of the department to organize technical activities like project and design contests, seminars, conferences and workshops in association with IE, India.



# INITIATIVES

(of the students, by the students, for the students)

## THE SKIT TIMES

The creative spark in the young minds finds a befitting expression in the form of words through the SKIT Times. This magazine is a collaborative effort of our students and faculty members. The magazine is mailed to 500 corporate bodies spread across the country, which makes the efforts of our students more visible in the corporate world.

## THE SKIT RESEARCH JOURNAL

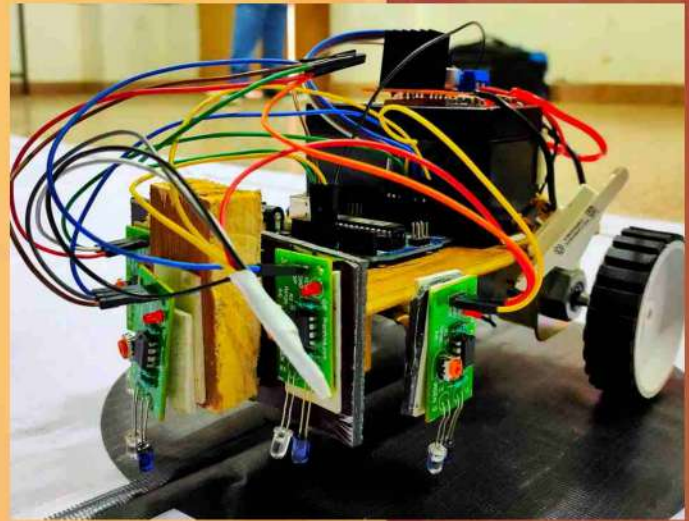
Innovations and research activities are essential for the growth of mankind. Universities and Institutes are the incubators where faculty members motivate, guide and nurture the students to carry out purposeful research. The reputation of any institute in the academic world is judged by the level of research carried out. Our country has enormous problems which need attention by our young minds. They should be made aware of these problems and should develop inquisitiveness. For this noble mission SKIT publishes its own research journal with an ISSN number 2278-2508 and addresses the challenges faced by society at large.

## SRISHTI - SMART RENEWABLE INTEGRATING SUSTAINABLE HABITAT THROUGH INNOVATION

As a step towards net zero campus, we have installed 400 kW solar rooftop system contributing to our 50% energy requirement, remaining 50 % also is to be achieved through natural renewable energy resources providing sustainability through innovative application. We will achieve through bottom's up approach by involving student teams, faculties, proof of concept preparation and involving them through clubs namely Energy Club (URJA), Embedded Club (SRAJAN), Environmental Club (HARIT), Entrepreneurs Club (UDYAMITA). Also we wish to involve department wise brainstorming sessions.

## OTHER SIGNIFICANT CLUBS ARE:

- Chhatra Sansad
- Nirman
- Youth Red Cross Club
- Docu.Drama
- NSS Club
- Science & Technology Club
- Spiritual Club
- Sports Club
- MAC (Management Activity Club)
- The Art and Cultural Club



## PRAVAH

PRAVAH, the annual Techno- Cultural and Sports festival, is organized since the inception of the institute and signifies the flow of ideas and rebirth of conscience. It has earned the best memories of academic & non-academic excellence of the institute throughout these wonderful and glorious 15 years. Creativity is not a remote or an alien terrain to any human being. It is very much part and parcel of our intuitive faculty. PRAVAH accelerates this creativity of young minds by bringing up their talent and prolificacy with the influence of experienced and intellectual mentors.



## SRAJAN- EMBEDDED CLUB

Our ECE department has started embedded club named SRAJAN in session 2015-2016. Main focus behind this club is to improve industry student interface as industrial persons provide platform to students by conducting classes weekly thus directly interacting with them. It encourages students towards latest embedded projects in electronics field.

# OUR FORERUNNERS



**Shri Jaipal Meel**  
Director, SKIT  
B. Com, MBA

Experience of 20 years of looking after the family business along with the educational concerns of the institute



**Prof. (Dr.) S.L. Surana**  
Director (Academics), SKIT  
B.E., M.Tech (IIT Bombay), PhD (UK)  
LMISTE, SMIEE (USA) FIE, FIETE

Experience of 57 years of teaching and administration



**Mrs Rachna Meel**  
Registrar, SKIT  
B.A., MBA

17 years of experience in taking care of administration and management



**Prof. (Dr.) Ramesh Kumar Pachar**  
Principal  
M. Tech, PhD

Experience of 23 years of administration and teaching



**Prof. M. L. Bhargava**  
Advisor, SKIT  
B.E., M.A. (Economics)

Experience of 52 years of industry, administration and teaching



**Professor (Dr.) Satish Bhatnagar**  
Director (Research )  
M.Sc., PhD, IETE

Experience of 56 years of administration and teaching



**Prof. (Dr.) Mukesh Gupta**  
HOD - Computer Science & Engineering  
B.E. (ECK, Kota), M.Tech( IIT, Bombay),  
Ph.D. (MNIT, Jaipur)

Experience of 18 years of administration and teaching



**Prof. (Dr.) Mukesh Arora**  
HOD - Deptt. of EC  
B.E, M. Tech, PhD, MIEEE-MTTs, MIEEE-  
APS, MIE, MIETE, MISTE, LMBES

Experience of 18 Years of administration and Teaching



**Prof. (Dr.) Anil Choudhary**  
HOD - Information & Technology  
M. Tech, PhD

Experience of 25 years of administration, teaching and corporate world



**Shri L.N. Dutt**  
HOD - Deptt. of Civil Engineering  
M. Sc., LMDMS, (USA),  
GS, (INDIA)

Experience of 58 years of academic teaching, industry and administration



**Prof. (Dr.) Dheeraj Joshi**  
HOD - Deptt. of ME  
B.E., M.E., PhD (NIT),  
LMISTE, MIE, MIIE

Experience of 18 Years of administration and Teaching



**Dr. Dhanraj Chitara**  
HOD- Deptt. of EE  
B.E: M.E (Hon.), PhD (NIT)

Experience of 18 Years of administration and Teaching



**Prof. (Dr.) R. K. Jain**  
In-Charge, Examination  
M.Sc., PhD

Experience of 20 Years of administration and Teaching



**Prof. (Dr.) Rohit Mukherjee**  
In-charge - B.Tech., First Year  
M.Sc., M.Phil, PhD

Experience of 21 Years of administration and Teaching



**Prof. (Dr.) Amber Srivastava**  
HOD - Deptt. of Mathematics &  
T & P CELL  
M.Sc., PhD

Experience of 20 Years of administration and Teaching



**Dr. Sharda Soni**  
HOD - Deptt. of Chemistry  
M.Sc., M. Phil., PhD, LMISC, MOJC

Experience of 21 years of administration and Teaching



**Dr. Sanjeev Kumar Mathur**  
Deptt. of MBA  
M.Sc., MBA, PhD

Experience of 34 years of administration and Teaching



**Dr. Brajraj Sharma**  
HOD - Deptt. of Physics  
M.Sc., PhD

Experience of 18 years of administration and Teaching



**Dr. Neha Purohit**  
HOD- Deptt. of English  
M.A., M. Phil, PhD

Experience of 14 Years of administration and Teaching

# OUR MAJOR RECRUITERS

Globalization and technological transformation has a big impact on economy of the country and needs to be kept in view since engineers and managers happen to be the engines of the economy of any nation. SKIT has been continuously putting efforts to understand the needs of the industry in order to prepare engineers and managers for facing the emerging challenges. Cooperation of the industry sought in this regard has proved very helpful and students are getting placed in reputed companies in good numbers. About 750 students of 2020 batch have been placed in companies like Cognizant, Infosys, Capgemini, TCS, Adani Power and many more.

|                          |                         |                          |                          |                        |                        |
|--------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|
| 11Techsquare             | Caritor India           | HCL Infosystems          | Kirat Crafts             | Patni Computers        | Sopra Group            |
| A3Logics                 | CauseCode Technologies  | HCL Technologies         | KJK Meister Honnen       | Persistent Systems     | Startup Oasis          |
| AAKG Group               | Cognizant               | HDFC Bank                | Kyron Digital Securities | PharmARC               | Sterling Telecom & Net |
| Aashish Group            | Cognizant Technology    | Hexacom India            | L & T e-engineering      | Pinnacle Infotech      | Systems                |
| Accenture                | Solutions               | Huawei Technologies      | solutions                | Solutions              | Suzlon Wind            |
| Adani Group              | Collabera Technologies  | Hughes Communications    | L & T IES                | Polycab Wires          | International          |
| AdarshPrime Group        | Converge-I Technologies | India                    | L & T Infotech           | Priya Industries       | Syntel Inc             |
| Aditya Birla Cement      | Crompton Greaves        | IBM India                | L&T                      | Property Guardian      | Tata Consultancy       |
| Adnate IT Solutions      | CSC                     | ICICI Prudential's       | Magna Infotech           | Prowess Infosystems    | Services               |
| Agrawal Metal Works      | Cyber G. India          | idea Cellular            | Mahindra & Mahindra      | Qed42                  | Tata Tiscon            |
| Allen                    | Daffodils               | i-flex Solutions         | Mahindra Satyam          | Rajcomp                | Tayana Software        |
| Amdocs                   | Data64                  | Impetus Infotech India   | Mastek                   | Rathi Bars             | Solutions              |
| Anoralabs                | Decurtis                | In Time Tech             | Meditab Software         | Rave Technologies      | Tech Mahindra          |
| Apollo Tyres             | EA Sports               | Indian Air Force         | Metacube                 | Reliance Ind.          | Technoforte Software   |
| Appcino Technologies     | eClinical Works         | Indian Army              | Mikuni                   | Royal Bank Of Scotland | Tega Industries        |
| Appirio                  | Electrotherm India      | Indian Military Academy  | Mircoland                | (RBS)                  | Teleperformance        |
| AppPerfect               | Entity Solutions        | Infogain India           | Moldedbits               | Saint Gobain Glass     | Thrillophilia          |
| Aptean                   | Ericsson                | Infoobjects              | Technologies             | Salora International   | Toluna India           |
| Asahi India Glass        | Essar Steel             | Infostretch Solutions    | Motion IIT               | Samsung                | Ultratech Cement       |
| Asia Motor Work          | eWIZ Technology         | Infosys                  | Mphasis                  | Sankalp Builder        | US Technology          |
| ATCS                     | Exl Service.com (I)     | Innoraft Solutions       | Nagarro                  | Sanmax Inc             | Uttam Galva Steel      |
| Auriga IT                | FACE                    | InOpen Technologies      | National Engineering     | SCHWING Stetter        | Vatica Group           |
| AurionPro                | Finoit Technologies     | INTEC                    | Industries               | Secure Meters          | Voylla Retail          |
| B24 e Solution           | Fiserv                  | Intecons Software Lab    | Neerja Software          | Serosoft Solutions     | Windmüller & Hölscher  |
| BGR Energy Systems       | FranConnect             | Intelligence Bureau      | Nexpider                 | Sharpedge Learning     | Wipro BPO              |
| Bhabha Atomic Research   | G E Capital             | Inter Globe Technologies | Nifty Innovations        | Shree Bhartiya         | Wipro Technologies     |
| Centre                   | Genus power             | Intime Tec               | NIIT Technologies        | Skilrock Technologies  | Zdrive Software        |
| Bharat Heavy Electricals | infrastructure          | ISMT                     | NR Switch and Radio      | Soctrionics            | Zenith Softwares       |
| Bharti Airtel Services   | GIPL                    | iTG Software India       | Services                 | Soilmec Foundation     | Zensar Technologies    |
| BigStep Technologies     | GirnarSoft              | J.K. Cement              | OnGraph Technologies     | Equipments             |                        |
| Binary SoftZone          | Global Logic Inc        | JMC Projects (India)     | Onida TV                 | Solutions Digitas      |                        |
| Birlasoft                | Godrej                  | Josh Technology          | Optimus Info Solutions   |                        |                        |
| BKT Tyres                | Grasim Cement           | Kaizen Robeonics         | Oracle                   |                        |                        |
| Bosch                    | Green Mind              | Keysolution              |                          |                        |                        |
| Busigence Technologies   | Greymeter               |                          |                          |                        |                        |
| Calsoft                  | GVK EMRI                |                          |                          |                        |                        |
| Capgemini                | Havmor Yellow Pages     |                          |                          |                        |                        |
| Captain Tractors         | HCL Comnet              |                          |                          |                        |                        |

# CAMPUS PLACEMENTS 2020



| COMPANY                         | SELECTION |                      |   |                          |            |
|---------------------------------|-----------|----------------------|---|--------------------------|------------|
| Infosys                         | 214       | IBM                  | 7 | Juspay                   | 2          |
| Cognizant                       | 141       | MTX                  | 7 | Teleperformance          | 2          |
| TCS                             | 98        | RoboMQ               | 7 | BMW Industries           | 1          |
| Pinnacle Infotech Solutions     | 81        | NIIT Tech            | 6 | Buildwize                | 1          |
| BYJU's                          | 37        | Asahi India Glass    | 5 | CareerKick Services      | 1          |
| ICICI Prudential                | 35        | Innoraft Solutions   | 5 | Celebal Technology       | 1          |
| Intime Tec                      | 27        | Technoforte          | 5 | DXC Technology           | 1          |
| Metacube                        | 27        | ValueLabs            | 5 | Emporis                  | 1          |
| Thrillophilia.com               | 21        | Jaro Education       | 4 | FlickZee                 | 1          |
| ATCS                            | 19        | Jaro Toppscholar     | 4 | Lucideus Tech            | 1          |
| Biz4Intellia                    | 15        | Adnate IT            | 3 | Madhus Garage Equipments | 1          |
| eInfochips                      | 15        | Genus                | 3 | Mahindra & Mahindra      | 1          |
| AppPerfect                      | 11        | Lido Learning        | 3 | Meditab                  | 1          |
| Torrent Gas                     | 10        | Owebest Technologies | 3 | MobiKwik                 | 1          |
| Adani Energy                    | 9         | Alok Industries      | 2 | Netlink                  | 1          |
| Sankalp Buildmart               | 9         | AurigaIT             | 2 | Quantiphi                | 1          |
| Birlasoft                       | 7         | Concretio            | 2 | Wipro                    | 1          |
| Calvin Klein and Tommy Hilfiger | 7         | DataGrokr            | 2 |                          |            |
|                                 |           | HSBC                 | 2 |                          |            |
|                                 |           |                      |   | <b>TOTAL SELECTION</b>   | <b>879</b> |
|                                 |           |                      |   | Still continues....      |            |



# CAMPUS PLACEMENTS 2019



| COMPANY                         | SELECTION | COMPANY                            | SELECTION | COMPANY            | SELECTION  |
|---------------------------------|-----------|------------------------------------|-----------|--------------------|------------|
| Infosys                         | 202       | BYJU's                             | 6         | Adani Gas          | 1          |
| Capgemini                       | 140       | Diffusion Engineers                | 5         | ARN Focus IIT      | 1          |
| Cognizant                       | 98        | Innoraft Solutions                 | 4         | Auriga IT          | 1          |
| Pinnacle Infotech Solutions     | 80        | InvestWell                         | 4         | Auth Bridge        | 1          |
| Thrillophilia.com               | 39        | Torrent Power                      | 4         | CodeMyMobile       | 1          |
| ICICI Prudential Life Insurance | 37        | Calvin Klein & Tommy Hilfiger      | 3         | EduGrad            | 1          |
| TCS                             | 27        | Genus                              | 3         | HSBC Software      | 1          |
| NIIT Tech                       | 17        | Hexaware Technologies              | 3         | IBM                | 1          |
| Metacube                        | 16        | Juspay Technologies                | 3         | Infoobjects        | 1          |
| Value Momentum                  | 15        | Skilrock Technologies              | 3         | Kellton Tech       | 1          |
| Extramarks                      | 12        | Technoforte                        | 3         | Memorres           | 1          |
| AppPerfect                      | 8         | A-1 Fence Products                 | 2         | Sopra Steria       | 1          |
| GR Infraprojects                | 8         | Adani Power                        | 2         | TAI                | 1          |
| Infogain                        | 8         | Air Flow                           | 2         | Tech Mahindra      | 1          |
| Kalpataru Power Transmission    | 8         | Air Control & Chemical Engineering | 2         | Tek Systems        | 1          |
| Adani Green Energy              | 7         | All On Block Corporation           | 2         | VAK Lighting India | 1          |
| FACE                            | 7         | Alok Industries Limited            | 2         | Vectra Geospatial  | 1          |
| InTime Tec                      | 7         | Bigstep Technologies               | 2         | Wipro              | 1          |
|                                 |           | Tractel Tirfor                     | 2         | <b>TOTAL</b>       | <b>811</b> |





## OUR INFRASTRUCTURE

The entire campus combines spacious and technologically driven blocks that are stretched with sprawling green areas. The various blocks are multi-storied buildings empowered with properly ventilated and spacious classrooms, laboratories and tutorial rooms and various seminar halls and auditoriums. The classrooms are equipped with smart classroom applications and audio and visual aids that foster quality training. The various blocks for the functional purposes are:

### THE DHANVANTRI BLOCK

The Dhanvantri Block includes the Administrative offices of the Chairman and Director, the Department of Pharmacy and other administrative offices. The Block houses the central library that is The Gyandan Resource Center.

### THE VIKRAM SARABHAI BLOCK

This block houses the administrative offices of the Directors, the Departments of Computer Science and Engineering, Information Technology and Electronics, Communication and Training and Placement Cell. The block also has the glorious Amphi Theatre that has held the most memorable events for the last 15 years.

### THE VISHVAKARMA BLOCK

The Vishvakarma Block houses the Department of Mechanical Engineering and the Department of Management Studies. The block also has a seminar hall having a seating capacity of 250 persons and many small halls for student activities. Each block encompasses a disciplined academic environment and provides ample opportunities to organize significant extra-curricular activities.



## SIR M. VISVESVARAYA BLOCK

This block is the working space for the Department of Electrical Engineering, Civil Engineering and the Sciences and Humanities Department. Built on an approximate area of two lac sq. feet, the block holds the biggest auditorium called the Gyanmandir Auditorium of a seating capacity of 850 people and a mini auditorium named as J.C Bose Auditorium having a seating capacity of 250 persons. It also has a mini open air theatre called the C.V Raman Theatre.

## GYANDAN RESOURCE CENTRE

Gyandan Resource Centre is the institute's Central Library that houses the most extensive and valuable collection of books. It provides an easy access to significant newspapers, journals, magazines, periodicals and other documented materials to the students and faculty members. The library subscribes to 531 International and National journals of repute. The library in its present structure has grown up to 42583 books, 12885 titles. SKIT subscribes to the membership of the online journals springer (IEI). The SKIT Digital Library runs on the LIBSYS software and includes facilities like DELNET, 8000 Video lecture Series, Reprographic, LAN, WAN, Internet Connectivity and Educational Multimedia Packages.

## STUDENT ACCOMMODATION

The stimulating and holistic living environment of the hostels contributes significantly to superior academic performance. The aim is to provide a warm atmosphere that encourages free and innovative thinking. Both the boys and girls hostels have well ventilated and air cooled single and double seated rooms. The College Mess provides healthy and hygienic food to hostellers and day scholars (on payment). Prompt medical attention and regular visits by doctors is available. The hostels have geyser facility for the winter season. Besides these, there are separate gymnasiums, outdoor and indoor games facilities, TV rooms and free internet facility with Wi-Fi connectivity. At present the NIRWANA BOYS HOSTEL has a total capacity of 459 single seated rooms and the GIRLS HOSTEL has a capacity of 261 double seated rooms.

## SPORTS FACILITY

team spirit for students. This culminates in the adequate infrastructure for sports and games like Cricket, Volleyball, Basketball, Badminton, Table-tennis, Chess and several other outdoor and indoor games. The institute has also appointed a special trainer for helping students face various intra and inter sports competitions. SKIT has its own Basketball and Volleyball teams that have participated in sports events at the National and State level and have won laurels. During the few years the various sports teams of SKIT proved their mettle and won prestigious awards in their respective areas.

## SEMINARS/CONFERENCES/ WORKSHOPS/ SYMPOSIA ORGANIZED DURING 2019-20

| S. No. | Title of Event  | Type of Event                 | Level of Event              | Date and Duration of Event      | Department |
|--------|---|-------------------------------|-----------------------------|---------------------------------|------------|
|        |   | (Conf./Workshop/Seminar etc.) | (International or National) |                                 |            |
| 1.     | Advancements in Nanoelectronics and Communication Technologies  | Conference                    | International               | January 17-18, 2020             | ECE        |
| 2.     | PCB Design and Fabrication (PDF-2k19)   | Workshop                      | National                    | September 19-21, 2019           | ECE        |
| 3.     | Engineering Optimization & Data Science (ICEODS-2019)   | Conference                    | National                    | October 11-12, 2019             | EE         |
| 4.     | Data Analytics for Engineers and Researchers  | STTP/FDP                      | National                    | August 26-30, 2019              | ME         |
| 5.     | New and Renewable Energy Resources for Sustainable Future (ICONRER-2019)  | Conference                    | International               | November 07-09, 2019            | ME         |
| 6.     | Virtual Labs a Meaningful Experience  | Workshop                      | National                    | June 04, 2019                   | ME         |
| 7.     | Soft Skills for Engineers   | STTP                          | National                    | September 30 - October 04, 2019 | English    |
| 8.     | Hermeneutics Today  | Conference                    | International               | January 24-25, 2020             | English    |
| 9.     | Newer Avenues in the field of Chemical Science  | Conference                    | National                    | February 14-15, 2020            | Chemistry  |
| 10.    | Wireless Sensor Network and Ubiquitous Computing (WSNUC-2K20)   | Workshop                      | National                    | January 23-25, 2020             | CS         |
| 11.    | Communication and Intelligent Systems (ICCIS-2019)  | Conference                    | International               | November 09-10, 2019            | CS         |
| 12.    | Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) on "Scilab" training for train 10,000 teachers (T10KT) | Workshop                      | National                    | May 04-05, 2019                 | CS         |
| 13.    | Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) on "Python" training for train 10,000 teachers (T10KT) | Workshop                      | National                    | June 22, 2019                   | CSE        |
| 14.    | Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) on "Linux" training for train 10,000 teachers (T10KT)  | Workshop                      | National                    | August 23, 2019                 | CS         |
| 15.    | Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) on "R" training for train 10,000 teachers (T10KT)      | Workshop                      | National                    | December 17, 2019               | CS         |
| 16.    | Emerging Technologies in Computer Engineering: Machine Learning and Internet of Things (ICETCE- 2020)                                   | Workshop                      | National                    | February 07-08, 2020            | CS & IT    |
| 17.    | Internet of Things: Education Canvas  | FDP                           | National                    | November 09-11, 2019            | IT         |
| 18.    | Internet of things under IoT Challenge 2020   | Workshop                      | National                    | January 11-12, 2020             | Chemistry  |
| 19.    | CAD-CAM and Advanced Manufacturing  | STTP                          | National                    | March 02-07, 2020               | ME         |
| 20.    | Optimization Techniques and Power System  | STTP                          | National                    | March 02-07, 2020               | EE         |
| 21.    | Internet of Things  | STTP                          | National                    | March 02-07, 2020               | IT         |
| 22.    | NSS Special Camp  | Camp                          | National                    | February 25-March 02, 2020      | IT         |
| 23.    | IoT & Blockchain- Technologies for Smart City Infrastructure" (IoTb-2K20)   | Workshop                      | National                    | March 16-17, 2020               | CS         |
| 24.    | Newer Avenues in the Field of Chemical Sciences   | Workshop                      | National                    | February 14-15, 2020            | Chemistry  |
| 25.    | Beyond the Boundaries: Reinventing Horizons   | Webinar                       | International               | May 16-20, 2020                 | Common     |







**SWAMI KESHVANAND INSTITUTE OF  
TECHNOLOGY, MANAGEMENT & GRAMOTHAN**

*Approved by AICTE, New Delhi | Engineering Branches Accredited by NBA & IE(I)  
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