

# INFORMATION BROCHURE

B.Tech., M.C.A., M. Tech. (Full-Time)  
&  
M.Tech. (Part- Time)



**2016-17**

**KAMLA NEHRU INSTITUTE OF TECHNOLOGY**  
**SULTANPUR - 228118**  
Website: [www.knit.ac.in](http://www.knit.ac.in)

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*"Ragging is strictly prohibited."*

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Head, Comp. Sc. & Engg. Department	9415797975, 240675
Head, Electrical Engg. Department	9415091697, 240674
Head, Mechanical Engg. Department	9450712516, 242047
Head, Electronics Engg. Department	9415136833, 225254
Chief Warden (Boys Hostels)	9415068565
Chief Warden (Girls Hostels)	9415136984
Warden Ramanujam/ New Hostel	9415077351
Warden Khosla Hostel	9415077454
Warden Arya Bhatt Hostel	9415179810
Warden Gargi Hostel	9473795769
Warden V. S. Hostel	9307448592
Warden Raman Hostel	9307448592
Warden Kalam Hostel	9532888592
Warden Matreyee Hostel	9415763939
Warden Matreyee Hostel	8765890822
Warden Matreyee Hostel	7895902755
Security Office (Main Gate)	225291

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**The information, rules & regulations published in this Brochure are subject to changes from time to time before prior notice as per decisions of the Institute, AKTU Lucknow and U.P. Government. In case of any disputes arising on account of the same, matter will be subject to Sultanpur (U.P.) jurisdiction only.**

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## 1. INTRODUCTION

Kamla Nehru Institute of Technology, (KNIT) Sultanpur was established as Govt. Institute in 1979. The Institute is now an **Academically Autonomous Institute** (under UGC Act) and affiliated to **Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow**. It is situated 05 kms from the city on Sultanpur-Faizabad highway (State Highway) on the bank of river Gomti.

The Institute runs **U.G. (B.Tech)** courses in six disciplines namely, Civil Engg., Computer Science & Engg., Electrical Engg., Electronics Engg., Mechanical Engg. & Information Technology with a total intake of **406** (360 sanctioned intake + 10 other states nominees + 18 over & above the sanctioned intake under fee waiver scheme +18 NRI) students. Under **P.G. Courses**, Institute runs Masters of Computer Applications (**M.C.A.**) with an intake of **60 students** and **M.Tech** in GeoTechnical & GeoEnvironmental Engg.(Civil Engg. Deptt.), Computer Science & Engg. (Computer Science & Engg Dept.), Power Electronics & Drives (Electrical Engg. Deptt.), Communication Engg. (Electronics Engg Deptt.) & Thermal Engineering (Mechanical Engg. Deptt.), with an intake of 18 in each specialization. In addition to the above, **M.Tech. (Part-Time)** Courses are also run for the employed engineers of the near-by region in Civil, Electrical, Electronic and Mechanical Engineering Departments each with an intake of 13 each except Computer Sc.& Engg. Deptt., which has an intake of 18. The Institute also conducts Ph.D. programmes under AKTU, Lucknow in different disciplines.

The Institute hosts centre of Indira Gandhi National Open University (IGNOU) for various programmes such as Certificate in Computing (CIC), Bachelor of Computer Applications (BCA), Master of Computer Applications (MCA), Bachelor of Technology in Water Resources Engg. (B.T.W.R.E.), Bachelor of Technology in Mechanical Engineering (BTME), Diploma in Civil Engineering (DCE), Diploma in Mechanical Engineering (DME). In order to contribute meaningfully to the socio- economic growth of the region in and around Sultanpur District, the Institute renders the testing and consultancy services to govt. agencies, neighbouring industries and various other agencies.

The Institute lays great emphasis on Industry-Institute Interaction and Continuing Education Programmes. An Industry-Institute Partnership (IIP) Cell financed by AICTE is functioning in the Institute. Stress is also laid on the development of quality of entrepreneurship among the students.

## 2. ADMINISTRATION

The Institute is financially and administratively controlled by the U.P. State Government. Centrally, the affairs of the Institute are managed by the Board of Governors (BOG).

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There are various committees namely, Finance Committee, Academic Committee, Purchase Committee, Building & Works Committee to assist the BOG in administering the functioning of the Institute. Director is Head of the Institute who is assisted by teachers and officers in various capacities in running various affairs of the Institute. The Academic Council as the apex body and respective departmental Board of Studies (BOS) are responsible for conducting the academic matters of the Institute.

Director	Dr. Raghuraj Singh
Registrar	Mr. S.C. Bhatt
Dy. Registrar	Mr. S.C. Bhatt
Finance & Accounts Officer	Mr. Gyanendra Pandey
Assistant Registrar	Mr. Sada Shiv Mishra
Assistant Registrar (A/C)	Mr. S K Srivastava
Dean Academic Affairs	Dr. M. K. Gupta
Dean of Students Welfare	Dr. A.S.Pandey
Dean Research & Development	Dr. R. P. Payasi
Chief Vigilance Officer	Dr. N. K. Saxena
Prof. I/C Training and Placement	Dr. S. K. Sinha
Prof. I/C Library	Dr. C. L. Yadav
Chairman CSA	Dr. Neelendra Badal
Controller of Examination	Dr. Deependra Singh
Addl. Controller of Examination	Dr. Rakesh.K.Singh (Elex)
Deputy Controller of Examination	Dr. S. M. Tripathi
Deputy Controller of Examination	Mr. Sompal Gangwar
Asstt. Dean Academic Affairs	Dr. Neelendra Badal
Prof. I/C Remedial Classes & Skill Development	Dr. L.U.B. Pandey
Prof. I/C Civil/Mech. Maintenance	Dr. U. K. Maheshwari
O/C. Central Stores	Registrar
Prof. I/C. Electrical Maintenance	Dr. Deependra Singh
Prof. I/C. House Allotment Committee	Dr. Ravindra Kumar Singh
Officer Incharge, Guest House	Dr. S. K. Sinha
Officer Incharge, Class Rooms	Mr. T P Srivastava
O/C. Vehicles	Dr. Amit Medhavi
O/C Purchase	Registrar
O/C Security	Mr. S. K. Srivastava
Co-ordinator TEQIP-II	Dr. A. K. Singh
O/C Procurement TEQIP-II	Dr. A. S. Pandey
Prof. I/C Internet Operation and Maint.	Mr. Samir Srivastava
Asstt. O/C Internet Operation and Maint	Mr. Manoj Kumar
O/C Website Hosting & Management	Dr. Amarendra Singh
Asstt.I/C Website Hosting & Management	Mr. Amit Shukla
Incharge Horticulture. & Upkeep of the campus	Mr. Hira Singh
Asstt. I/C Horticulture & Upkeep of the campus	Mr. Pankaj Kumar Srivastava
Public Information Officer	Registrar
Asstt. Public Information Officer	Asstt. Registrar (E)

### **Faculty Co-ordinator**

- |   |                      |
|---|----------------------|
| (i) Faculty Co-ordinator Placement            | Dr. Amit Medhavi     |
| (ii) Faculty Co-ordinator Training & Workshop | Dr. S. P. Singh      |
| (iii) Faculty Co-ordinator Internship         | Mr. R. K. Singh, CSE |

**Deptt. Representatives for Career Development Cell**

- |                                  |                    |
|----------------------------------|--------------------|
| (i) Civil Engg. Deptt.           | Mr. Ruchin Agrawal |
| (ii) Computer Sc. & Engg. Deptt. | Mr. Awadhesh Kumar |
| (iii) Electrical Engg. Deptt.    | Mr. Varun Kumar    |
| (iv) Electronics Engg. Deptt.    | Dr. H.V. Singh     |
| (v) Mechanical Engg. Deptt.      | Dr. A.K. Chauhan   |

**Faculty Co-ordinator Alumni Affairs**

- (i) Mr. Y. K. Mishra
- (ii) Mr. Samir Srivastava
- (iii) Mr. Harendra Gupta

**Prof. I/C Institute Industry Interaction Cell**

Department Representatives :

- |                                  |                      |
|----------------------------------|----------------------|
| (i) Civil Engg. Deptt.           | Dr. R. P. Payasi     |
| (ii) Computer Sc. & Engg. Deptt. | Mr. Bipin Prajapati  |
| (iii) Electrical Engg. Deptt.    | Mr. Abhay Agarwal    |
| (iv) Electronics Engg. Deptt.    | Mr. Bindeshwar Singh |
| (v) Mechanical Engg. Deptt.      | Mr. Som Pal Gangwar  |
|                                  | Dr. Amit Medhavi     |

**Officer Incharge, Time Table**

Deptt. Representatives:

- |                                    |                          |
|------------------------------------|--------------------------|
| (i) Applied Sciences & Hum. Deptt. | Mr. T.P.Srivastava       |
| (ii) Civil Engg. Deptt.            | Dr. A. K. Singh          |
| (iii) Computer Sc. & Engg. Deptt.  | Mr. Anupam Verma         |
| (iv) Electrical Engg. Deptt.       | Mr. Abhay Agrawal        |
| (v) Electronics Engg. Deptt.       | Dr. S. P. Singh          |
| (vi) Mechanical Engg. Deptt.       | Dr. Rabindra Kumar Singh |
|                                    | Mr. S. P. Kutar          |

**Wardens**

**Boys Hostels:**

- |                                     |                      |
|-------------------------------------|----------------------|
| (i) Chief Warden                    | Mr. B. P. Chaurasia  |
| (ii) Ramanujam Hostel               | Mr. Samir Srivastava |
| (iii) Khosla Hostel                 | Dr. N Badal          |
| (iv) Arya Bhatt Hostel              | Mr. Abhay Agrawal    |
| (v) V.S. Hostel, Raman Hostel       | Dr. A K Chauhan      |
| (vi) New V. S. Hostel, Kalam Hostel | Dr. Amit Medhavi     |
| (vii) Gargi Hostel                  | Mr. Bindeshwar Singh |

**Girls Hostels:**

- |                      |   |
|----------------------|---|
| (i) Chief Warden     | Mrs. Alka Singh   |
| (ii) Matreyee Hostel | (i) Dr.. H V Singh<br>(ii) Mr. Som Pal Gangwar<br>(iii) Mr. Varun Kumar |

**Conveners of the C.S.A.**

- |                                  |                    |
|----------------------------------|--------------------|
| (i) Sports Council               | Mr. Varun Kumar    |
| (ii) Literary Council            | Mr. Pradeep Kumar  |
| (iii) Cultural Council           | Mr. Harendra Gupta |
| (iv) Hobby Club                  | Mr. Anil Kumar     |
| (v) Photography & Fine Arts Club | Dr. Aruni Singh    |

**Students Counsellors for:**

- |                                       |                    |
|---------------------------------------|--------------------|
| (i) All non first year Students       | Mr..H.D. Ram       |
| (ii) Civil Engg. first year           | Mr. Ruchin Agrawal |
| (iii) Computer Sc. & Engg. first year | Mr.Awadhesh Kumar  |
| (iv) Information Tech. first year     | Mrs. Alka Singh    |
| (v) Electrical Engg. first year       | Dr. S.P.Singh      |
| (vi) Electronics Engg. first year     | Mr. Ashok Kumar    |
| (vii) Mechanical Engg. first year     | Dr. A. K. Chauhan  |
| (viii) MCA first year                 | Mr. D. L.Gupta     |

**3. COURSES OF STUDY**

The Institute offers the following courses under semester system:

**(A) Undergraduate Programmes (B.Tech.) (4 years / 8 Semesters)**

Branch	Sanctioned Intake
Civil Engineering	60* + 3**
Computer Science & Engineering	60* + 3**
Electrical Engineering	60* + 3**
Electronics Engineering	60* + 3**
Mechanical Engineering	60* + 3**
Information Technology	60* + 3**
<b>Total</b>	<b>360* + 18**</b>

\* AICTE sanctioned intake, \*\* 5% additional intake in lieu of the Tuition Fee Waver Scheme

**Note:**

- (i) The Institution under the **AICTE Tuition Fee Waver Scheme** has been allowed to admit 5% of its sanctioned intake as an additional intake in the same discipline/branch of study.
- (ii) In addition to the above, a total number of **10 students** as **Other States Nominees** on behalf of the Govt. of India are admitted.
- (iii) **5%** seats on the total sanctioned intake approved by AICTE are available for Non Resident Indians (**NRI**).

**(B) Master of Computer Application (M.C.A.)**  
(3 Years / 6 Semesters)**Intake 60**

<b>(C)</b>	<b>M.Tech. (Full Time) - 4 Semesters.</b>		Intake
	(i)	Geotechnical & Geoenvironmental Engineering	18
	(ii)	Computer Sc. & Engineering	18
	(iii)	Power Electronics & Drive	18
	(iv)	Thermal Engineering	18
	(v)	Communication Engineering	18
<b>(D)</b>	<b>M.Tech (Part - Time) - 6 Semesters</b>	13(10 Gen. + 3 SC/ST)	Intake
	(i)	Civil Engineering (Geotechnical Engineering )	13
	(ii)	Electrical Engineering ( Power Systems)	13
	(iii)	Mechanical Engineering ( Industrial Systems & Engineering)	13
	(iv)	Electronics Engineering (Digital Electronics & Systems)	13
	(v)	Computer Science & Engg	18
<b>(E)</b>	<b>Doctoral Programmes (Ph. D.):</b>		
		Civil Engineering	
		Computer Science & Engineering	
		Electrical Engineering	
		Electronics Engineering	
		Mechanical Engineering	
		Applied sciences and Humanities	

#### 4. ADMISSION ELIGIBILITY & PROCEDURE

##### 4.1. Bachelor of Technology (B.Tech) Programmes

###### (a) *Eligibility Requirements*

As notified in the Information Brochure of UPSEE-AKTU-2016

###### (b) *Mode of Admission*

- (i) The admission to **First Year B.Tech. Programmes** are made through the counselling conducted by UPSEE A.K..T.U 2016 based on the merit of candidates in the State Entrance Examination (SEE) – A.K.T.U-2016 except for **Other State Nominees** which are nominated by the Government of India.
- (ii) The candidate after participating in the counseling is required to report at the institute on the date mentioned in the Allotment letter.
- (iii) The Candidate is required to submit the following documents at the time of reporting at the Institute for registration:
  - ◆ Allotment Letter issued by SEE- AKTU-2016
    - ◆ Admit Card by SEE-AKTU 2016, if admit card is submitted at counselling centre, then photocopy of the admit card
  - ◆ Original Certificate of high School (for proof of the age)
  - ◆ Original mark sheet of qualifying examination



- ◆ Original Character Certificate in prescribed format issued by Head of the Institute last attended
  - ◆ Original Transfer / Migration Certificate of the Institute last attended.
  - ◆ Category Certificate (If opted for reservation)
  - ◆ Sub-Category Certificate if applicable
  - ◆ Weightage Certificate if applicable
  - ◆ Medical certificate in prescribed format
  - ◆ Income Certificate from those candidates (S.C/S.T/Gen/OBC/Minorities) whose parents'/guardians' annual income from all the sources is ` **two lacs or less than` **two lacs.****
  - ◆ Receipt of fee deposited at counselling centre
  - ◆ Two Passport Size Photographs
  - ◆ Affidavit In case of gap in studies
  - **Two Sets** of photocopies of all the documents/certificates mentioned above .
- (iv) No direct admission are made to Second Semester of First Year or subsequent years of the course, except for the Diploma Holders & B.Sc. graduates who are admitted to Second Year (third semester) through the counseling conducted by the U.P. Technical University on the basis of merit of candidates in SEE – AKTU-2016.
- (v) Admission on migration/ transfer from other University/College is not permitted.
- (vi) Domicile requirement, age limit and medical standards are the same as prescribed in the information Brochure of SEE- AKTU-2016

**(c) Reservations**

As notified in the Information Brochure of SEE.

**4.2. Master of Computer Application (M.C.A.) Programme**

**(a) Eligibility Requirements**

As notified in the information Brochure of SEE. AKTU-2016

**(b) Mode of Admission**

Mode of admission to MCA programme is same as for the Undergraduates Programme.

**(c) Reservations**

As notified in the information Brochure of SEE AKTU -2016

**4.3. M.Tech. (Full-Time) Programmes:**

**(a) Eligibility Requirements**

The eligibility requirements as per norms of the AKTU, Lucknow.

**(b) Mode of Admission**

Admission to the above-mentioned programmes is made based on merit of the valid GATE Score by AKTU, Lucknow.

**(c) Reservations**

As per norms of the AKTU, Lucknow.

**4.4 M.Tech. (Part- Time) Programmes:**

**(a) Eligibility Requirements**

The eligibility requirements shall be as per norms of the Institute.

**(b) Mode of Admission**

Admission is made on the basis of merit of a candidate in the interview conducted by the Institute.

**(c) Reservations**

As per norms of the AICTE, New Delhi.

**4.5. Doctoral Programmes**

**(a) Eligibility Requirements**

The eligibility requirements are as per the norms of A.K.T. U., Lucknow.

**(b) Mode of Registration**

The application for registration is required to be made on the prescribed application form of A.K.T. U., Lucknow.

**4.6. ACADEMIC YEAR**

Academic year consists of two semesters, namely the **Odd Semester** and the **Even Semester**, each having ordinarily, duration of 90 working days. All academic programmes of the Institute are administered according to the academic calendar.

The timings observed by the Institute for academic purposes are ordinarily from 9.10 A.M. to 4.30P.M. Any change in the timing is properly notified. No Notices are circulated in the class rooms. Students are advised to see the notice boards of their respective departments, administrative block, library, hostels, workshop etc regularly.

**5. ACADEMIC DEPARTMENTS**

The Institute has following Academic Departments and academic facilities

Department of Applied Sciences & Humanities

Department of Civil Engineering

Department of Electrical Engineering

Department of Electronics Engineering

Department of Mechanical Engineering

Department of Computer Science & Engineering (includes M.CA. and Information Technology)

Workshop

Central

Library

**Department of Applied Sciences & Humanities**

The Applied Sciences and Humanities Department is an allied department which serves as a bedrock for the engineering departments of the Institute. The department takes care of core subjects like Mathematics, Physics, Chemistry, Management and Professional communications. The department has competent and knowledgeable faculty and well equipped laboratories.

## **Laboratories**

Chemistry Lab  
Physics Lab  
Professional Communications Lab

Laser Lab  
Departmental Computer Centre

## **Faculty**

Dr. L.U.B. Pandey,  
Dr. A.K. Singh  
Dr. C.L. Yadav  
Dr. Neeraj Chaubey  
Mr. Pradeep Kumar

Professor, English & Head  
Professor, Chemistry  
Professor, Chemistry  
Associate Professor, Mathematics  
Assistant Professor, Management

## **Department of Civil Engineering**

The Civil Engineering Department is one of the oldest departments of the institute. The department has a well qualified faculty and technical supporting staff. The department offers U.G. as well as P.G. (Full-Time) and P.G. (Part-Time) courses. All the laboratories of the department are well equipped with modern equipments. The department has acquired state-of-the-art equipments through World Bank assisted TEQIP programme.

## **Laboratories**

Environmental Engineering Laboratory  
Geotechnical Engineering Laboratory  
Transportation Laboratory  
Structures Laboratory  
Survey Laboratory  
Concrete Laboratory

Hydraulics Laboratory  
Geology Laboratory  
Rock Mechanics Laboratory  
Departmental Computer centre  
Graphics laboratory

## **Faculty**

Dr. N.K. Saxena  
Dr. M.K. Gupta  
Dr. B.N. Rai  
Dr. Umesh Kumar  
Mr. Anupam Verma  
Mr. Bipin Prajapati  
Mr Harendra Kumar Gupta  
Mr. Ruchin Agrawal

Professor & Head  
Professor  
Professor  
Associate Professor  
Assistant Professor  
Assistant Professor  
Assistant Professor  
Assistant Professor

## **Department of Computer Science & Engineering**

Computer Science & Engineering department is the largest department of the Institute. It offers B.Tech. in Computer Science. & Engineering, B.Tech. in Information Technology and MCA. It also offers M. Tech. Full-Time & Part-Time programme in Computer Science & Engineering. The Department is well equipped with high end computers, latest softwares & state-of the-art IT infrastructure. All computing resources are inter-connected with high speed internet. The campus wide Networking facility is also managed by the department.

The Department has a well qualified faculty. Several well equipped laboratories catering to the needs of not only the CSE, IT and MCA students but also students from other departments. The present infrastructure is sufficient enough to carry out research and other academic work by UG and PG students. The Department has following Computing facilities/Laboratories.

**(1) Computer Centre:** The Department has excellent Air Conditioned Computer centre consisting of about 6 servers & 120 Machines, Various types of Printers, scanners etc. Latest & required soft wares are loaded on the Servers & Computers hence the centre is catering the need of following laboratories

Unix Lab	Multimedia Lab
RDBMS Lab	Internet & Networking Lab
Graphics Lab	Software Engineering Lab

**(2) Computing Lab:** This lab consists of about one server & 30 Computers, Printers etc.

**(3) Java Programming Lab:**

#### **Faculty**

<b>Dr. A. K. Malviya</b>	Professor & Head
Mr. B.P. Chaurasia	Associate Professor
Mr. Samir Srivastava	Associate Professor
Mr. R. K. Singh	Associate Professor
Mr. Awadhesh Kumar	Associate Professor
Mr. D. L. Gupta	Associate Professor
Dr. Neelendra Badal,	Associate Professor
Mrs. Alka Singh	Associate Professor
Mrs. Suman Pandey	Associate Professor
Dr. Aruni Singh	Assistant Professor
Mr. Abhay Kumar Agrawal	Assistant Professor
<b>System Officials</b>	
Dr. Amrendra Singh	System Manager
Mr. Amit Shukla,	Programmer
Mr. Manoj Kumar.	Programmer

#### **Electrical Engineering Department**

The Electrical Engineering Department is also one of the oldest department of the Institute. The department has a well qualified faculty and technical supporting staff. All the laboratories of the department are well equipped with modern equipments. The department offers U.G. as well as P.G. (Full-Time) and P.G. (Part-Time) courses. The department has acquired state-of-the-art equipments through World Bank assisted TEQIP programme. The department is also developing Power Electronics Centre under the grant received from MHRD, New Delhi.

#### **Laboratories**

Electrical Science Lab	Microprocessors Lab
Electrical Machines lab	PC & Simulation Lab
Electrical Measurement Lab	Power Electronics Lab
Electrical Instrumentation Lab	Power Systems lab
Control Systems lab	High Voltage Engg. lab

#### **Faculty**

Dr. K.S. Verma,	Professor (On leave)
Dr. S.K. Sinha,	Professor
Dr. J.P. Pandey	Professor (On leave)
Dr. A.S. Pandey	Professor & Head
Dr. R. P. Payasi	Professor
Dr. Deependra Singh	Professor
Dr. Surya Prakash Singh,	Assistant Professor

Mr. Bindeshwar Singh, Assistant Professor

Dr. Saurabh Mani Tripathi Assistant Professor  
Mr. Varun Kumar Assistant Professor

### **Electronics Engineering Department**

The Electronics Engineering Department offers both U.G., P.G.(Full-Time) and PG (Part-Time) courses. It has a well qualified faculty and technical supporting staff. All the laboratories of the department are well equipped with modern equipments. The department has also acquired state-of-the-art equipments through World Bank assisted TEQIP programme.

#### **Laboratories**

Semiconductor Devices lab	Analog Communications Lab
Digital Electronics Lab	T.V. & Satellite Communications Lab
Digital Signal Processing Lab	Biomedical Electronics Lab
Computer Simulation Lab	Microwave & Radar Lab
Digital Signal & Speech Processing Lab	Electronic Measurement & Instrumentation Lab
Digital & Optical Communications Lab	Electronic Workshop & PCB Lab

#### **Faculty**

Dr. R.K. Singh	Professor
Mr. A.K. Singh	Associate Professor
Mr. Y.K. Mishra,	Associate Professor & Head
Mr. Ashok Kumar	Associate Professor
Dr. R.K. Singh	Assistant Professor
Dr. Harsh Vikram Singh	Assistant Professor
Mr. Som Pal Gangwar	Assistant Professor

### **Mechanical Engineering Department**

The Mechanical Engineering Department is among the oldest department of the Institute. The department has a well qualified faculty and technical supporting staff. All the laboratories of the department are well equipped with modern equipments. The department offers U.G. as well as P.G. (Full-Time) and P.G. (Part-Time) courses. The department has acquired state-of-the-art equipments through World Bank assisted TEQIP program.

#### **Laboratories**

Refrigeration & Air Conditioning Lab	Engineering Mechanics & M.O.S. Lab
Heat & Mass Transfer Lab	Tribology Lab
I.C. Engines & Automotive Vehicles Lab	Material Sciences Lab
Steam power Lab	Production Engineering Lab
Fluid Machinery Lab	Metrology and Measurement lab
Wind Energy Lab	CAD Lab
KOM & Vibration Lab	Bio Gas Lab
CAM & FMS Lab	

#### **Faculty**

Mr. H.D. Ram	Associate Professor & Head
Mr. T.P. Srivastava	Associate Professor
Mr. S.P Kutar	Assistant Professor

Dr. Akhilesh Kumar Chauhan	Assistant Professor
Dr. Amit Medhavi	Assistant Professor
Mr. Anil Kumar	Assistant Professor

### **Workshop**

The workshop of the Institute sprawls over a large area having Fitting, Carpentry, Blacksmith, Welding, Foundry, Sheet Metal and Sand Testing Shops. Besides above, the workshop has an excellent Machine Shop with various kinds of state-of-the-art machines of industry standards including the EDM. The workshop has also been modernized under World Bank assisted TEQIP programme.

### **Central Library**

Library is the soul of any professional institute. All the departments have also their own departmental libraries. The **Central Library** of the Institute is spacious, well equipped and fully automated. Presently it has around 50000 books consisting both of Indian and Foreign authors and bound journal volumes. The central library subscribes a good number of reputed Indian and International journals in engineering subjects as well as in sciences and humanities and also has access to several e-journals. The students and staff have a free access to books and journals in the Library. The central library also offers Book Bank facility to the students through which every student can get five books issued free of charge in each semester. The Central Library ordinarily functions from 10 am to 8 pm. The Library has been greatly benefitted under World Bank assisted TEQIP programme. Library rules are given in **Annexure-I**.

## **6. KEY CAMPUS FACILITIES & AMENITIES**

### **Hostels**

The Institute presently has six Boys' Hostels to accommodate about 750 male students and one Girls' Hostel to accommodate about 200 Girl students. One new boys' hostel of 100-seat capacity is under the process of construction. A 240-seat capacity Girls' Hostel is also under construction and is expected to commence early next year. Each Hostel has its own mess facility and other amenities. Hostel and mess rules are given in Annexure - II, II A & II B.

### **Dispensary**

The Institute maintains a Health Center to provide primary health care facilities to its students & staff under a full-time Medical Officer (M.O.) and Pharmacists. However, cases requiring specialized treatment are referred to the District Hospital, Sultanpur.

### **Banks**

1. Full branch of Punjab National Bank (PNB) having ATM facility exist in the Institute campus.
- 2.. Full branch of Bank of Baroda (B.O.B.) having ATM facility exist in the Institute campus.

### **Post Office**

The Institute has an exclusive Post Office which is located at the main gate of the Institute.

### **Canteen**

The Institute has one large cafeteria and a canteen in the hostel premises exclusively to serve the students. One canteen, located in the academic complex provides services to the staff during working hours.

### **Guest House**

The Institute has a guest house with good accommodation and dinning facilities. The

accommodation for guests is arranged on request on payment at the nominal charges. The booking is made through the Officer-In charge, Guest House.

### ***Transport Facility***

The Institute has a 52-seat deluxe bus for the students for their local journeys and out-station educational tours. In order to deal with medical emergencies, the Institute also has a well-equipped Ambulance which is stationed 24 hours in the hostels premises with a driver.

### ***Internet Facilities***

The Institute provides 24x7 Internet facility through 10 Mbps (1:1) leased line. This Internet facility is available in all the Academics Departments, Hostels, Library, various sections of the Institute & Guest house and also in Faculty and Technical staff Residences.

### ***Security***

Security of the Institute is looked after by a Security Agency comprising of a Security Officer and about 50 security guards. A senior faculty member is the overall Incharge of the entire security set-up. The whole Institute campus including academic area, administrative building, hostels, and residential complex is fully covered by the security round the clock.

## 7. FEE AND OTHER CHARGES FOR FIRST YEAR STUDENTS \*\*

The schedule of fee and deposits to be paid during 2016-2017 by each student of First Year B.Tech, M.C.A., M.Tech., (Full Time) & M.Tech (Part Time) is given below :

S. No.	Item of Fee	Program wise Fee (Rs.)			
		B. Tech	M.C.A	M.Tech.(FT)	M.Tech.(PT)
1.	<b>Institute Fee</b>	40000(Except I.T.) 55000 (I.T. )	25000	35000	25000
2.	<b>Caution Money (Refundable)</b>	5000	5000	5000	5000
3.	<b>University Fee</b>				
(i)	Enrollment Fee	500	500	500	500
(ii)	Development Fee	300	300	300	300
(iii)	Student Welfare Fund Fee	250	250	250	250
(iv)	Examination Fee	5000	5000	5000	5000
4.	<b>Hostel Fee</b>				
(i)	Room Rent	2500	2500	2500	---
(ii)	Electricity & Water Charges	4000	4000	4000	---
(iii)	Utensil & Crakry	300	300	300	---
(iv)	Hostel Activities	300	300	300	---
(v)	Ward boy & other Service Charges	1900	1900	1900	---
(vi)	Hostel Maintenance	1000	1000	1000	---
(vii)	Caution money (Refundable)	1000	1000	1000	---
5.	<b>Users Charges</b>				
(i)	Recreation Fee	1250	1250	1250	---
(ii)	Bus Fee	1800	1800	1800	---
(iii)	Magazine	200	200	200	---
(iv)	Student Aid Fund	500	500	500	---
(v)	Institute Day Fee	250	250	250	---
(vi)	Internet Fee	4000	4000	4000	---
(vii)	Computer & Stationary Charges	500	500	500	---
(viii)	Placement Fee	1000	1000	1000	---
(ix)	Exam. Contingency Fee	250	250	250	---
(x)	Medical Fee	600	600	600	---
(xi)	Library Fee	500	500	500	---
(xii)	Laboratory Fee	800	800	800	---
(xiii)	Identity Card	50	50	50	---
(xiv)	Furniture	600	600	600	---
	<b>Total</b>	<b>74350 (Except I.T.)</b> <b>89350 (I.T.)</b>	<b>59350</b>	<b>69350</b>	<b>36050</b>

**Notes :** (i) The mess advance shall have to be deposited in the beginning of each semester which will be adjusted against subsequent monthly mess bills.

(ii) The candidates selected for admission to first year of any programme shall have to deposit the relevant fee as detailed above on the date of registration at the Institute. The caution money is refundable after completion of course or on withdrawal of admission after obtaining 'No Dues Certificate' from all the concerned sections / departments.

(iii) A sum of **Rs** 1000.00 per month as hostel rent including electricity & water charges shall be charged from the students for period of their stay in the hostel during summer/winter vacations when they are not otherwise required to stay.

(iv) Institute fee and dues are subject to revision without any notice.

(v) Institute fee and dues shall be deposited on the Academic Year basis.

## 8. SCHOLARSHIPS

Following types of scholarships may be awarded to students.

(i) Merit scholarship of **Rs** 3000.00 is awarded to 10 percent of the total number of students



of each B.Tech branch by Uttar Pradesh Government.

- (ii) General Scholarship of **Rs 550** /- P.M. for day scholars and **Rs 1200/-** per month for hostellers and Institute (tuition) fee reimbursement with a condition that total Annual income from of Parents'/Guardians' from all sources is **Rs Two Lacs or less than Rs Two Lacs**.
- (iii) SC/ST/OBC/Minorities Scholarships of **Rs 550/-** P.M. for day scholars and **Rs 1200/-** per month for hostellers and Institute (tuition) fee, University Fee and User's Charges reimbursement with a condition that total Annual income of Parents'/Guardians' from all sources is **Rs Two Lacs or less than Rs Two Lacs**
- (iv) Financial aid is given to economically weaker students from Student Aid Fund.
- (v) Other Miscellaneous Scholarships offered by Private Trusts/Agencies as announced from time to time.

## **9. EXAMINATION RULES**

Students are advised to make themselves familiar with the syllabus of study and Examination Rules & Ordinances of the Institute. The Relevant Rules, Syllabus and Ordinances are provided at the time of registration.

## **10. STUDENTS WELFARE**

The general welfare of the students is looked after by the Dean of Students Welfare.

### **10.1 Identity Card**

- (i) In order to enjoy the status and privileges of a bona fide student of the Institute, each student must obtain an Identity Card from the office of the Dean of Students Welfare at the time of registration or afterwards as per the notification.
- (ii) Identity Card is valid for the period stamped on it.
- (iii) A loss or the theft of the card should immediately be reported. A duplicate Card will be issued by the Dean of Students Welfare on request after depositing a fee Rs 50/- in the Account Section of the Institute.

### **10.2 Railway Concession**

This Facility is available to only regular students of the Institute

- (i) The railway concession orders are issued by the office of the Dean of Students Welfare to the students for to and fro journey to their home towns during official vacations, educational tour and vocational training. For this purpose 'Home Town' is defined as the native place where the parents or if parents are not alive the guardians of the students normally reside and which is mentioned on the Identity Card.
- (ii) A Change of address is usually not allowed after the issue of Identity Card except in special circumstances, such as, transfer of parents/guardians in service. The railway concessions for home town are issued normally once in a semester.
- (iii) To obtain railway concession, a student must apply on a prescribed application form at least one week in advance. Railway concession will be given to the students on production of Identity Card in person.
- (iv) Any improper use of railway concession orders may invite action apart from any disciplinary action which the railway authorities may deem fit.
- (v) A student must show his identity Card for verification by the Station Master or by the railway authorities during the journey.

### **10.3 Dress /Uniform**

The students are supposed to keep themselves neat and tidy. They are advised not to wear loose dresses which may be unsafe for working near the machines or be uncomfortable for outdoor field work. The B.Tech, MCA and M.Tech full time boys students must wear prescribed uniform which consists of white shirt, steel grey trousers, black shoes with white shocks, plain maroon tie and navy blue blazers (during winters). The prescribed uniform for girl students is steel grey Kurta, white Salwar with white Dupatta, black shoes / sandals and navy blue sweaters (during winters).

### **10.4 Conduct & Discipline**

Students are required to maintain a high standard of discipline and to follow the Institute rules strictly. The competent authority may revise and notify the conduct rules in the interest of the institute and students as and when necessary.

A Student will be liable for punishment as per rules in-force for acts of misbehavior, misconduct and indiscipline which, in any manner are subversive to the normal functioning of the Institute and are against the general interest of the Institute and the students. The following are deemed, but not limited to, to be the acts of indiscipline:

- (i) Disregard of Institute/Hostel Rules, Orders & Notices.
- (ii) Disregard of orders and instruction of staff members.
- (iii) Noisy, disorderly and obnoxious behavior.
- (iv) RAGGING OF JUNIOR STUDENTS.
- (v) Persistent negligence of Study.
- (vi) Participation in strikes and agitations.
- (vii) Irregular attendance and unauthorized absence from classes and hostel.
- (viii) Indulging in violent activities.

- (ix) Students shall be responsible for all the tools, apparatus, instruments and materials etc issued to them.
- (x) Students shall observe all safety precautions. The Institute is not responsible for accident of any nature in the Institute, hostel, workshop and laboratory or play ground.
- (xi) Students are strictly warned not to go to Gomti River for taking bath or swimming. If any such incident is brought to the notice of authority, such students will be liable for severe punishment.
- (xii) No society, association or club shall be formed by the students without prior permission of the Director.

## **11. EXTRA-CURRICULAR ACTIVITIES**

### ***The Council of Student Activities***

The Council of Student Activities (CSA) aims to promote and develop extra curricular personality of a student. It consists of different councils as detailed under. Students are required to join at least two of the following council activities.

- (i) Sports Council
- (ii) Cultural Council
- (iii) Literary Council
- (iv) Photography and Fine Arts Club
- (v) Hobby Club

Besides organization of above activities the council also publishes a magazine. The work of each council is managed by a team consisting of Council Convener, Faculty Members, Student Secretary and Student Members. The scheme of activities is announced by the Convener/ Secretary of each sub council separately. The performance of the students in various activities is evaluated and marks are awarded under the head "General Proficiency".

## **12. PROFESSIONAL ACTIVITIES**

Each branch of engineering has a Forum to provide platform to every student for exposition of his/her professional talent. The activities of each forum are governed by an Executive Body elected by the students under the supervision of a Faculty Advisor nominated by the concerned Head of Department. Debates, Group Discussions, I.Q. Tests, Quizzes, Literary Activities, Short Tours, Professional/Inspirational Talks by eminent persons etc. are arranged by the Forum. In addition, Branch/Students Chapters of prominent Professional Bodies, such as IEEE, Computer Society of India, Indian Society for Technical Education and the Institution of Engineers (India) are also operating in the Institute.

### **13. GENERAL PROFICIENCY**

In the curriculum of each year a provision of marks for the General Proficiency exists. These marks are awarded on the basis of general performance, behavior/discipline and participation in Council of Student Activities.

### **14. TRAINING AND PLACEMENT**

#### **14.1 Vocational Training**

B.Tech students are required to undergo 'Vocational Training' as per the provision of training in their curricula arranged by the institute during summer vacation. The students will bear the traveling and other expenses for the training. Marks assigned for the training are awarded on the basis of training report and viva-voce examination.

#### **14.2 Placement**

The institute has a full fledged Training & Placement cell under the Training & Placement Officer (TPO) who is a senior faculty member. The Training & Placement office also looks after the placement of the students. The various reputed Industries /Organizations conduct campus interviews regularly for selecting suitable candidates in their respective organizations. A few of industries/organizations visiting the Institute during the last few years are listed below :

- |                   |                 |
|-------------------|-----------------|
| 1. TCS            | 6. Media Tek    |
| 2. Anshal API     | 7. Newgen APP   |
| 3. Tech. Mahindra | 8. Indian Army  |
| 4. Cognizant      | 9. Vanera Tech. |
| 5. HCL            | 10. ERA         |

### **15. ALUMNI ASSOCIATION**

The KNIT ALUMNI ASSOCIATION provides a platform to its former students to maintain connections with their Alma Mater and also amongst themselves and their junior fellows. All the former students of the Institute and faculty are eligible for the life membership of association. The batch-wise alumni meets are held regularly to provide opportunity to its former students to meet their batch mates and also to interact with the existing students and faculty. The alumni of the Institute have deeply been involved in the placement and other activities for the benefit of the students. The life membership fee of alumni association is Rs 1000.00.

## ANNEXURE-I

### Library - Rules

Every bonafide student can obtain the Institute Library membership. The students are issued Borrower's cards for issue and return of books and journals. The borrowers' cards are issued to every student on applying through a prescribed form which is to be recommended by Dean of Students Welfare. The norms for the issuance of books / journal are as follows.

1. **Limit of Books:**

B.Tech. I & II Year	5 Books for 30 days
B. Tech. III Year	5 Books for 30 days
B.Tech. IV Year	5 Books for 30 days
M.Tech. (Part- Time) & MCA	5 Books for 30 days
M. Tech. (Full -Time)	5 Books for 30 days

2. **Issue Hours for Library Books:**

Monday to Saturday 11.30 A.M. to 1.00 P.M. & 2.00 P.M. to 4.30. P.M

3. **Overdue Charges:**

- A. **Rs** 0.50 per day per book (On general books)
- B. **Rs** 1.00 per day per volume on reserve, reference books and bound Journals.

4. Unbound Journals are not ordinarily issued to students.

- 5. If any reader is found involved in stealing/destroying or damaging any type of reading materials, he may be penalized Rs.1000/- or double the cost of reading material whichever is higher along with suspension of Library membership for six months.

### BOOK BANK RULES

Book Bank's membership form and Borrower's card may be obtained from the Library. The form is to be submitted to Library after the recommendation of Dean of Student Welfare with **Rs. 50/-** as the caution money which is refundable after the passing /leaving of the Institute. A sum of. **Rs. 3/-** per book per semester is charged as rent. Maximum four books are issued at a time under the Book Bank scheme

#### SC/ST Book Bank

Institute Library has SC/ST Book Bank. SC/ST students may be issued four books per Semester after the producing SC/ST certificate issued by competent authority.

#### Loss of Books

In case of loss or damage caused to the issued books, the student will be required to submit the same title or will be charged the current price of the book along with 25% extra charges as fine.

**ANNEXURE-II**  
**HOSTEL RULES (GENERAL)**

1. **Ragging is strictly prohibited as per the relevant directives of the Hon'ble Supreme Court, U.P. Government rules/orders and the directives of A.K. Technical University. Any Student found involved in ragging shall be suitably punished including FIR with the Police and expulsion from the Institute.**
2. Every student shall maintain a high standard of discipline, have respect for the Institute and conduct himself in a dignified manner.
  3. Student shall not do any such thing which may cause disturbance in studies or may be deemed vulgar in any way.
  4. Guests are not allowed to stay in the hostel without prior permission of the warden. If this is not possible due to some unforeseen reasons, the arrival time of guest must be recorded in the visitor's register placed in the hostel office and the Warden should be informed the next morning explaining reasons for the delay in obtaining permission.
  5. Female guest is not allowed to stay in the Boys Hostel. Male Guests is not allowed to enter/stay in the Girls Hostel.
6. Students are not allowed to interchange rooms/ hostels without written permission of Warden.
  7. Students are not allowed to use Electric appliances such as heater, toaster, etc. without written permission.
8. Students shall check electrical fittings, furniture and other articles issued to them at the time of occupying the room. They have to pay for the damage/shortage, if any, at the end of the session.
9. Transfer of furniture from one room to another is not allowed.
10. Students are not allowed to hold any meeting without prior written permission of the warden.
11. Gambling and use of intoxicants are strictly prohibited.
12. Students are not permitted to keep any fire arm (even licensed).
13. Students are not allowed to leave station without prior permission of warden.
  14. Students are required to vacate their rooms while proceeding for summer vacation and also as and when required.
15. Warden is authorized to open any locked room in case of any emergency.
16. Students will not be absent from Hostel after 10.00 p.m. without prior Permission of the warden.
17. The Warden/ Dean of Student Welfare can search any room at any time.
  18. Students are not allowed to paste any objectionable poster or paintings on the walls of their rooms or in hostel premises.
  19. Formation of society / club is not permitted without written permission of the Dean of Student Welfare / Warden.
20. Students shall not take part in any subversive or in any kind of strike.

## ANNEXURE-IIA

### ADDITIONAL RULES FOR GIRLS' HOSTELS

- The Following rules in addition to the rules given in the Annexure II will be enforce in girlshostels:
1. If any girl student has to go to the town for any work, she must write the purpose, place, time of leaving and time of return in the register with the security guard on duty. She must return to the hostel latest by 7:30 P.M. during the months of March to October and latest by 6:30 P.M. during the months of November to February.
  2. A girl student must enter all the columns in the register regarding participation in curricular activities and extracurricular beyond the working hours of the Institute.
  3. A girl Student must submit the names and addresses of the local guardians with their signature, if any, duly authorized by the parents (or authorized guardian as per declaration in the admission form) in the prescribed form available with the warden.
    4. For late night stay at local guardians' residence up to 9 PM or night halt, prior written permission of the warden must be obtained. In addition, the local guardian must submit a letter stating that the student had stayed with them.
  5. Prior permission of the warden must be taken by the girl student for leaving to their homes.
  6. No male person (even father) will be allowed inside the Girl's Hostel.
    7. Visitors may meet the Girl student outside the gate of the girls Hostel up to 7:30 PM. with the permission of the Hostel Warden/Dean of Student Welfare (D.S.W.)
  8. Permission must be taken from the warden regarding stay of a female relative in the Girls' Hostel.
  9. All Communications regarding any problem of a girl student must be routed through the warden.
    10. In the event of the warden of the Girl Hostel being on leave the girl student must contact the DSW or any replacement nominated by the D.S.W.
    11. Key of the Guest room will be with the security Guard. On arrival of a relative, the security guard may open the guest room and then inform the girl student through the lady peon.
  12. Only in case of urgency the girl student may go to D.S.W. residence for contacting on phone during late hours beyond 7:30 PM but not later than 9:30 PM with the permission of DSW.
  13. Modification or addition of rules may be made and communicated as and when necessary.

## **ANNEXURE-IIB**

### **HOSTEL MESS RULES**

1. Ordinarily Students have to pay a minimum of 15 days mess bill of every month during normal working of Institute irrespective of their attendance.
2. No student shall be permitted for dining facilities in the hostel mess without the payment of mess advance.
3. Diet-off shall be permitted under special and emergent but genuine conditions. However, diet-off shall be available on medical grounds.
4. For Diet-off, Students shall take permission from their respective wardens. However, in the absence of the warden, the permission may be taken from the Dean of Students Welfare.
5. Diet-off, for less than 2 days shall not be permitted.
6. Mess Timings shall be observed strictly as notified from time to time.
7. Room service shall not be allowed.
8. Students will not be permitted to carry mess utensils to their rooms.
9. Students shall go to the dinning hall in proper dress i.e. shirt and trousers.
10. Students are expected to behave properly with the mess staff. Misbehavior will lead to disciplinary action.

### **Mess Advance**

1. The amount of the mess advance to be taken from the students shall be decided by the hostel Mess Advisory Committee and duly approved by the Director.
2. The Mess advance will not be a part of the Fee structure. It has to be paid separately.
3. The Mess advance is approximately equal to mess bills of one semester shall be charged from the each student in the beginning of each semester. Presently the mess advance is Rs 19000.00 for the each semester.
4. Each Student shall be required to maintain the requisite amount of the mess advance in the beginning of each semester, i.e. a student shall have to deposit mess advance in the beginning of each semester on the basis of his previous balance of the mess advance in Autumn semester and vice-versa.
5. Each Student shall deposit mess advance in the concerned hostel mess account operated with the Punjab National Bank, K.N.I.T., Sultanpur.
6. The challan for depositing the mess advance will have following four foils:  
(a) Bank Copy (b) Hostel Warden Copy (c) Hostel mess Copy (d) Student Copy.
7. Each Student shall produce challan form to the bank for the payment of mess advance.
8. The bank will retain its copy. The hostel warden copy and hostel mess copy will be sent by the bank directly to the concerned hostel warden.



To be supplier of globally competitive professionally well qualified Technical Man power of world class standard for contributing need of the nation by evolving sustainable flexible and dynamic system responsive to as aspirations of the Industry and to be a resource centre for generation and dissemination of technology for the socioeconomic development of the society.