



**University Institute of Engineering and Technology  
(UIET)**

**Maharshi Dayanand University Rohtak**  
**(NAAC Accredited 'A' Grade)**

**Strategic Plan (2018-2023)**

## About the UIET

NAAC accredited "A" Grade Maharshi Dayanand University Rohtak established an Engineering institute named University Institute of Engineering and Technology (UIET) in 2005 on a prime location of its campus at the entrance of the Education Hub city on Delhi-Hisar National Highway which is famous as Delhi Bye-pass with an aim of providing quality technical education to aspiring technocrats to make them World-Class Engineers. The Institute offers six undergraduate and six postgraduate programmes in Engineering and Technology discipline. All the programmes are approved by AICTE. Doctoral programs leading to Ph.D. Degree are also offered. These programmes are enlisted below:-

**B.Tech. Programmes:-** Computer Science and Engineering, Electronics & Communication Engineering, Mechanical Engineering, Biotechnology, Electrical Engineering, Civil Engineering.

**M.Tech. Programmes:-** Computer Science & Engineering, Mechanical Engineering, Software Engineering, Electronics & Communication Engineering, Biotechnology, Mechanical Engineering — Manufacturing & Automation.

**Ph.D. Programmes:-** Computer Science and Engineering, Electronics and Communication Engineering, Mechanical Engineering and Biotechnology. Ph.D. degrees are also awarded in the subjects of Applied Science like (Chemistry, Mathematics and Environment Science).

About 600 entrants join the institute every year and almost similar numbers of engineers complete their education from this institute. There are 85• faculty members mostly having doctoral degree. The Institute is housed in five large, airy, spacious and well-furnished buildings. The Workshop and laboratories are well equipped with major, costly and sensitive machines and instruments of millions of rupees. All lecture theatres, class rooms, committee rooms and seminar rooms are equipped with modern furniture.

On the basis of evaluation of quality of Education and available infrastructure, the institute was chosen for the World Bank Project — "Technical Education Quality Improvement Program Phase-II (TEQIP-II)" which completed in 2017. Under the project, the Institute received INR 7.44 crore.

For further development of infrastructure an amount of INR 100.0 lac has been allocated by the university out of RUSA grant. Smart Class Rooms in UIET shall be a reality in near future.

## **Vision**

To inculcate a sound knowledge in Engineering along with realized social responsibilities to enable its students to combat the challenges faced by the country and to extend their expertise to the global arena.

## **Mission**

To impart high quality education and training to its students to make them World-Class Engineers and pioneers to offer innovative solutions to benefit the nation and society.

## **STRATEGIC GOALS**

- To build a team of academicians, to attain excellence, to offer academic programmes in engineering at undergraduate, postgraduate and doctoral levels.
- To motivate faculty members for higher education.
- Introduction of newer and innovative PG & Ph. D. programmes.
- To interact more with Industries & Engineering Institutes.
- To develop the Institute as knowledge industry.
- To improve existing labs and develop new labs.
- To inculcate moral values in students.
- To motivate the faculty and students for Research/ Quality Publication.
- To keep faculty members informed about the latest developments in research, technology and teaching methods.
- To interact with neighboring industries and institutions to exchange technological developments.

## **SWOC Analysis**

The Institute introspects itself through SWOC analysis as under:

### **Strength**

- Preferred higher education destination for the students in the State counselling of Haryana.
- Synergic team of young and experienced faculty who are committed to intellectual pursuits and are professionally enthusiastic who enjoy working in interdisciplinary teams.
- Institute has more than 50 % faculty members having Ph.D. degree.
- Faculty members are members of various statutory Board/ Bodies.
- Excellent faculty retention.
- Innovative, diligent and inquisitive students.
- Robust and transparent evaluation system.
- Use of ICT in teaching-learning process.
- Feedback mechanism Portal on Website.
- Wi-Fi campus.
- Remedial mentoring system in place.
- Alumni Association comprising leading entrepreneurs.
- Well- established workshops.

### **Weakness**

- Great scope for better inter-departmental and inter-institute research activities that still needs to be further strengthened.
- Potential for collaborative research with industry/R&D Labs needs to be further realized.
- Due to more courses being approved under Self-finance scheme (SFS), it is difficult to attract faculty in some courses at senior level.

### **Opportunities**

- Paradigm shift in education system from imparting knowledge to enhancing learning
- Opportunity for developing smart campus with increased availability of communication and information technology products
- Opportunity to attract students from different countries and cultures

- Requirement for value added training programmes for unemployed rural youth of the region
- Scope for consultancy: Demand for technical expertise to offer advanced technological solutions in solving community problems especially energy, ecology and environmental issues
- Start of UG and PG courses in other emerging areas.
- Being located in NCR and industrial hub there is lot of scope of finding opportunities for signing MoUs with industries, institutes like NIT, IIT.
- Opportunity for corporate training, consultancy and placement.

### **Challenges**

- Frequent changes in education policy and revised guidelines by UGC/AICTE.
- Industry ready curriculum and implementation.
- NBA Accreditation.

### **Action Plan**

- ✓ NBA Accreditation of B.Tech(CSE) and B.Tech(Biotech) in coming six months as Fees of Accreditation has already been paid.
- ✓ Start of B.Tech(Printing & Packaging) from the session 2019-20.
- ✓ Adoption of AICTE Model curriculum for M.Tech courses also w.e.f. 2019-20
- ✓ NBA Accreditation of remaining B.Tech programmes
- ✓ NBA Accreditation of M.Tech programmes
- ✓ Strengthening of Training & Placement activities
- ✓ Start of M.Tech(Electrical Engg) w.e.f 2020-21
- ✓ Start of M.Tech(Civil Engg) w.e.f. 2021-22

## Activity Calendar (2018-19)

Sr. No.	Date	Event/Activity	Name of Guests/Speaker with address
1	16.08.2018	3 Week Induction Programme as prescribed by AICTE starts	All the students of B.Tech First Year
2	31.8.2018	Placement Drive	By Lumax Technologies, Gurgaon
3	4.9.2018	Placement Drive	By Vedant Consultancy, Delhi
4	7.9.2018	Placement Drive	By Justdial, Chandigarh
5	14.9.2018	Placement Drive	By Daffodil, Hisar
6	15.09.2018	Engineers Day Celebration (Quizzes, Debates, Extempore etc)	Students, Research Scholars and faculty members of UIET.
7	18.9.2018	Workshop on Network Simulator 5G for B.Tech and M.Tech ECE students	Mr Pranav Vishwanathan, Tetcos, Delhi
8	27, 28 & 29.9.2018	First Sessional Exams	-
9	11.09.2018	Extension Lecture for B.Tech(Biotechnology) students	Ms Akshi , IPR Head, Biorel, Pune
10	Oct 2018	Career Counselling and Guidance Programme ( <b>Three days</b> Workshop on Personality Development, Resume Writing, Soft Skills Enhancement) for Final B.Tech students	Industry Experts from IBS, Gurgaon
11	Oct 2018	Extension Lecture for B.Tech(Biotechnology) students	Dr Rajni Kant Dixit, NIMR, Delhi
12	Oct 2018	Extension Lecture for B.Tech(Biotechnology) students	An Expert from Bio entrepreneurship from BCIL Delhi
13	5-16 Oct., 2018	Survey Camp of B.Tech Civil Engg 5 <sup>th</sup> sem students	Dalhousie Distt Chamba HP
14	13.10.2018	Fresher's Welcome Party	Students of Second B.Tech , First B.Tech. and faculty members.
15	24-28 Oct., 2018	Educational Tour to a Dam in Dharamshala, HP for B.Tech(Electrical Engg) students	
16	Oct 2018	Workshop on Cloud Computing for B.Tech(CSE) students	Safeducate Limited, Delhi
17	28-30 Nov., 2018	Second Sessional Exams	-
18	March 9, 2019	Annual Alumni Meet	Alumni of UIET.
19	February	Annual Seminar for Research Scholars	Research Scholars and Faculty members of UIET.
20	February	Extension Lectures	To be finalised
21	March	Extension Lectures	To be finalised
22	21-23 March	First Sessional Exams	
23	27-29 April	Second Sessional Exams	
24	April	Farewell Party to the outgoing batch of 2019	All the students and faculty members of the Department.