KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY
Deemed to be University U/S 3 of the UGC Act, 1956
SCHOOL OF MECHANICAL ENGINEERING

SCHOOL OF MECHANICAL ENGINEERING, KIIT

INFORMATION BROCHURE

School of Mechanical Engineering (SME): Mission & Vision

School of Mechanical Engineering (SME) is among the top rated schools of the University leading in placements, research projects, collaborations, technology incubation and entrepreneurship. The undergraduate courses are designed keeping in view of evolution and requirements of industries. Students get platforms to showcase their talents to global audience, through student exchange programs with foreign universities and internships. The school offers open elective courses and honors courses, along with different minor courses for the students interested in interdisciplinary programs. The school houses many state-of-art academic and research laboratories to supplement classroom teaching by providing hands on experience to students. The school is determined to produce high quality students through world class education and research with focused application in the diversified fields of Mechanical Engineering.

Programs Offered in SME

Under-Graduate Programs (4 years)

- B.Tech. in Mechanical Engineering
- B.Tech. in Mechanical (Automobile) Engg.
- B.Tech. in Mechatronics Engineering

Specializations in Association with L&T EduTech

- Digital Manufacturing using AI and CPS
- Electric Vehicle

Post-Graduate Programs (2 years)

- M.Tech. in Mechanical Engineering

Specializations:

- Manufacturing Processes & Systems
- Thermal Engineering
- Machine Design

Doctoral Program- Ph.D. in Mechanical Engineering

- Admission to above programs is through KIIT Entrance Examination (KIITEE).
- Admission to PG programs is also accepted through GATE Score.
- MOE (MHRD) sponsored scholarship is available for GATE qualified PG students.

Why SME, KIIT?

Learn from the Best

Qualified and experienced faculties from IISC, IITs, NITs and foreign universities.

Choice based and Inter-disciplinary Learning

- Choice based learning - Large number of options for Inter-departmental/industrial elective courses. Students are allowed to choose faculties of their choice.
- Cross-disciplinary expertise through Minor (interdisciplinary) and Honors courses in B.Tech.

Industry Relevant Teaching Pedagogy

- Students can earn academic credits through internships and industry projects
- Industry 4.0 focused learning through loT, Robotics, Simulation, Design and Analysis software and Coding in high level computerized environment

Project based Learning

- Emphasis on Project based learning - Students are encouraged to design, manufacture, test and commercialize their own products (cars, drones, robots etc.).
- Students are encouraged to initialize their own start-ups through KIIT-TBI.

International Exposure

- Study Abroad - Interested students spend semester abroad through exchange programs with foreign universities.
- Study with the international students as their classmates.

State of the Art Infrastructure

- 24x7 library facility
- 24x7 wi-fi facility
- Smart hybrid and integrated classroom
- Academic and research laboratories with state-of-the-art equipment
- Academic laboratories with virtual interface facility
- Design and computational laboratories
- Conference and seminar hall
- Centre of excellence: IoT, SKF and NI Innovation
- Central workshop
- Swimming pool, volleyball court, tennis court and other sports infrastructure
- Multi cuisine food court
- Open air theatre (OAT)

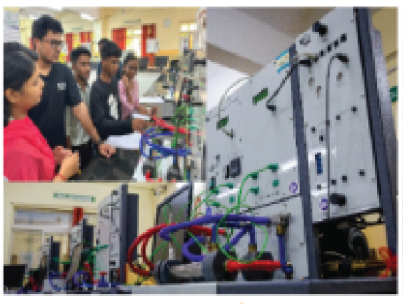
State-of-the Art Laboratories

Numerous state-of-the-art facilities are available to supplement classroom teaching by providing hands on experience to students. The school has advanced Laboratories in collaboration with various academia and industries of repute, like Mercedes Benz, National Instruments, SKF India, AUTODESK, SIEMENS Industry Software India Pvt. Ltd., RSB Transmission Ltd., Bosch, ITC Infotech (PLM), Indian Institute of Metals etc.

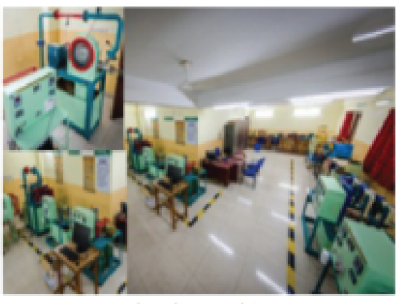
- Material Testing
- I C Engine
- Refrigeration and Air Conditioning
- Metrology & Instrumentation
- Applied Mechanics & Dynamics
- Vibration & M/C Condition Monitoring
- Advanced Manufacturing Process
- CIM & Robotics
- Central Workshop
- Hydraulic Machines
- Heat Transfer
- Automobile Workshop
- CADD Centre
- Fluid Mechanics
- Machining Research
- Computer Aided Engineering
- Mechatronics

IC Engine

Central Workshop



Heat Transfer



Hydraulic Machines

CENTERS OF EXCELLENCE

- Siemens Centre of Excellence
- SKF Reliability Centre
- NI Innovation Centre
- Production Research Centre
- Thermal Research Centre
- Composites Development & Characterization Laboratory
- Green Engine Technology Center

Notable Recruiters

Notable Alumni

Mr. Suman Sourav Mohanty,
UPSC, 9th Rank, 2016

Mr. Basant Nayak
Sr. Manager HAL

Mr.Sandeep Kumar Das
DGM, NTPC

Ms. Sonam Priyadarshini,
OPSC, 68th Rank, 2021

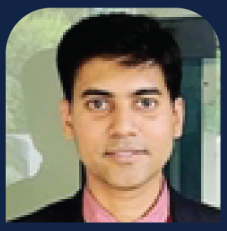
Mr. Awahan Mohanty
Senior Procurement Manager
at Tata Steel

Mr. Vikas Kumar
Scientist at ISRO

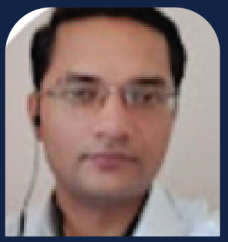
Mr. Gourav Singh,
BPSC Topper 2021

Lt. Cad. Nikhilesh Mohanty
Production Manager
Naval Dockyard Mumbai

Dr. Simanchal Kar
Assistant Professor
NIT Silchar



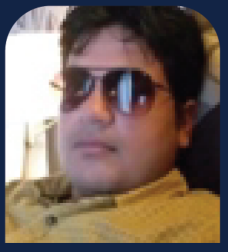
Mr. Akash Sharma
UPSC, 524th Rank, 2021
Indian Foreign Service



Mr. Abhishek Kumar
Senior Manager
Tata Motors

Mr. Shankar Giri
Associate Director
PwC India

Mr. Avinash K. Singh
Founder & CEO DIYguru



Mr. Chandan Kumar
Executive Engineer
ONGC

Mr. Varinder Singh
General Manager - HR Fortum

Contact Us

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