



MAHATMA GANDHI INSTITUTE OF TECHNOLOGY

Kokapet(Village), Gandipet, Hyderabad, Telangana - 500075. www.mgit.ac.in

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23
YEARS

DEPARTMENT OF MECHANICAL ENGINEERING (MECHATRONICS)

organizing

**A one week online Faculty Development Program
on**

Recent Advances in Mechanical Engineering: A Research Perspective

6-10 July, 2020

4:00 PM – 5:30 PM

- ❖ **No Registration Fee**
- ❖ **To register for FDP → <https://bit.ly/MGIT-MCT-FDP-REGISTRATION>**
- ❖ **Last Date of Registration 5th July, 2020 (5:00 PM)**
- ❖ **Faculty Members, Research Scholars and Industry Professionals related to Mechanical Engg., Mechatronics Engg., Automobile Engg., Production Engg. and similar fields can Participate**
- ❖ **For further communication, link to join Telegram group is provided inside the registration form**



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ABOUT THE INSTITUTE

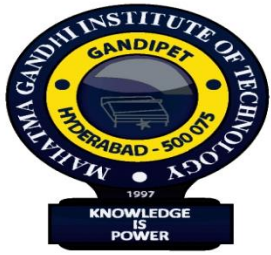
Mahatma Gandhi Institute of Technology is one of the premier Engineering Colleges in the Self-Financing category in Telangana. MGIT is affiliated to Jawaharlal Nehru Technological University, Hyderabad. The institute has received accreditation for six UG programs three times from National Board of Accreditation, New Delhi and Institute is also accredited by NAAC with 'A' grade. The institute offers instruction in eight Undergraduate Programs (Computer Science, Information Technology, Electrical & Electronics, Electronics & Communication, Mechatronics, Metallurgical & Materials Engineering, Civil Engineering and Mechanical Engineering) and six PG programs. The institute has received MHRDs NIRF-2020 Ranking in the rank band : 201-250.

ABOUT THE FDP

- ❖ To provide a platform for interaction with experts of different knowledge domains
- ❖ To update the faculty members, research scholars and industry professionals about the current ongoing research in the field of Mechanical Engineering and related areas.
- ❖ To make familiar with the latest developments in the manufacturing industry

RESOURCE PERSONS

- ❖ Dr. N. Eswara Prasad
Director, Defence Materials Stores and Research & Development Establishment (DMSRDE), Kanpur
- ❖ Dr. Sahil Kalra,
Indian Institute of Technology, Jammu
- ❖ Dr. Sudhanshu Kumar,
National Institute of Technology, Bhopal
- ❖ Mr. Siddharth Kumar,
ITER-India (Institute for Plasma Research),
Gandhinagar, Gujarat
- ❖ Dr. Charchit Kumar,
Université de Strasbourg, Strasbourg France



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ABOUT THE DEPARTMENT

Department of Mechanical Engineering (Mechatronics) offers two courses in B. Tech. Mechatronics and Mechanical Engineering. Mechatronics is a very unique and emergent discipline was started with the inception of Mahatma Gandhi Institute of Technology (MGIT) in the year 1997, MGIT is the only institute in the state and in the country to have started for the first time such an innovative discipline of engineering. Mechatronics is an integrated technology involving synergetic consideration and fusion of concepts of Mechanical Engineering, Electronics, Electrical, Computer Science and Control Engineering with the key element being the integration of these areas through design process. Department also offers M.Tech course in Mechatronics.

The department has forty two well qualified faculty with good number of supporting staff and the department is endowed with adequate infrastructure facilities, beyond the prescribed norms with spacious and well-ventilated classrooms, drawing halls, tutorial halls and administrative space besides twelve well established independent laboratories including SCADA based Computer Aided Instrumentation and Control Systems lab, Advanced CAD/CAM lab, CNC Machines & Robotics lab, Kinematics and Dynamics lab, Machine Tools lab, Production Technology lab, Motion Control Design lab, all of them equipped with the state of art equipment. The department is also having advanced measurement equipment like FARO gage portable CMM and 3D printing Lab, the AICTE sanctioned a MODROBS project to the department for modernization of CNC & Robotics lab and also sanctioned grant in aid for organizing two week FDPs and one week STTP programs. UGC, TEQIP III by JNTUH and DRDO also sanctioned research projects to the department.

Students work with various clubs/ professional chapters like ASME, SAE, Robotics, ISTE, and Innovation Club. They showcase their potential knowledge in the form of development of product and organize various workshops/seminars/conferences. Indian National Academy of Engineers (INAE), New Delhi has awarded Best Innovative Undergraduate Projects at National Level in the area of Agricultural Robots during the Academic Years 2016-17 & 2018-19.

The UG program in Mechatronics was accredited thrice by National Board for Accreditation (NBA), New Delhi.



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CHIEF PATRONS

Kavi Kireeti Dr. V. Malakonda Reddy, President, CBIT
Sri. J. Syamsunder Reddy, Chairman, CBES

PATRONS

Sri. N. Subash
Secretary & Correspondent, CBES

Smt. D. Sandhya Sree,
Member and Chairperson, D&P, CBES

ORGANISING COMMITTEE

ADVISOR

Prof. K. Jaya Sankar, Principal

CONVENORS

Dr. K. Sudhakar Reddy, Prof & Head, Department of Mechanical Engineering
Dr. K. Ankamma Rao, Professor, Department of Mechanical Engineering
Dr. Asheesh Kumar, Asst. Prof., Department of Mechanical Engineering

CO-CONVENORS

Mr. D. Kameswara Rao, Asst. Professor, Department of Mechanical Engineering,
Mr. B. Rama Krishna, Asst. Professor, Department of Mechanical Engineering
Ms. Putti Anusha, Asst. Professor, Department of Mechanical Engineering

FDP GUIDELINES

- ❖ Presentation Sessions followed by question and answers from 4.00PM-5:30PM.
- ❖ Feedback and attendance link will be shared in the chat box of the platform used at the end of session.
- ❖ Attending all the Sessions and submitting all the feedbacks by the Participants is mandatory.
- ❖ A quiz will be conducted on the last day of the FDP consisting questions from all sessions.
- ❖ e-Certificates will be awarded to all the Participants who attend all the sessions, submit all feedbacks and scores at least 40% in the quiz.



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FDP SCHEDULE

DAY/DATE	SPEAKER
DAY – 1 6 th July 2020	Mr. Siddharth Kumar Scientific Officer–E, ITER-India (Institute of Plasma Research), Gandhinagar
DAY – 2 7 th July 2020	Dr. Charchit Kumar Postdoctoral Researcher and Teaching Associate Université de Strasbourg, France
DAY – 3 8 th July 2020	Dr. Sudhanshu Kumar Asst. Professor, Department of Mechanical Engineering, NIT Bhopal
DAY – 4 9 th July 2020	Dr. Sahil Kalra Asst. Professor, Department of Mechanical Engineering, IIT Jammu
DAY – 5 10 th July 2020	Dr. N. Eswara Prasad Director, Defence Materials Stores and Research & Development Establishment (DMSRDE), Kanpur

TIME : 4:00 PM – 5:30 PM