Faculty Resources:

Dr. Rajeev Pourush
Assistant Professor, Ph.D.
Microwave Devices and
Antenna Systems

Dr. Gaurav Dhiman
Assistant Professor, Ph.D.
VLSI Design and Semiconductor
Device Modeling

Dr. Jeetu Sharma
Assistant Professor, Ph.D.
Wireless Sensor Networks
in Smart Grid

Dr. Purnima Sharma
Assistant Professor, Ph.D.
Multiband and Ultra Wide
band Antenna design

Dr. Ranjana Thalore
Assistant Professor, Ph.D.
Energy-Efficient 3-D Wireless
Sensor Networks

Dr. Satyajit Anand
Assistant Professor, Ph.D.
Biomedical Signal
Processing

Dr. Anil Sarolia
Associate Professor, Ph.D.
Research Interest : P2P Computing,
DHT Overlay Networks,
Distributed Networks, FOG Computing

Dr. Vikas Raina
Assistant Professor, Ph.D.
ECE, Research Interest :
Underwater Wireless
Sensor Networks

Dr. Anand Sharma
Assistant Professor, Ph.D.
Research Interest : Quantum
Cryptography, Network/
Information Security

Dr. Praneet Saurabh
Associate Professor, Ph.D.
Research Interest: Computational
Intelligence, Computer
Communications (Networks), Computer
Security and Wireless Networks

B.Tech.
Electronics and Computer Engineering

Alumni:

Most of our students are working as an technocrat/ academicians and expert in the areas of electronics and computer technology. Some of our students are doing their Masters/Research programs at various national/ International Universities.

How to Apply:

- Purchase application form on cash payment of Rs.1000/- or pay online on our website www.modyuniversity.ac.in
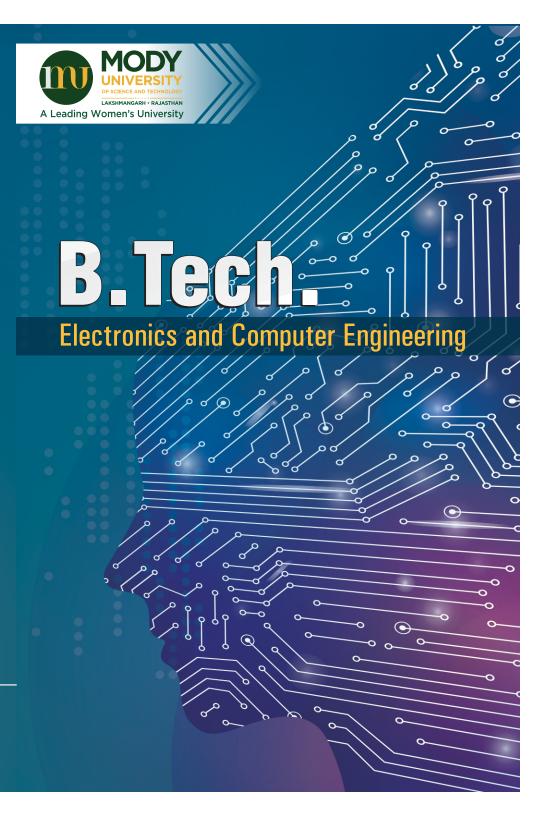
MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
Campus : University town of Lakshmangarh (Sikar), Rajasthan-332311, India
Phone : +91-91191 95002, +91-91191 95005
For eligibility criteria & selection procedure to apply online, visit **www.modyuniversity.ac.in**

TOLL FREE : 1800 102 4000

About Mody University:

Mody University is an exclusive Women's University sprawling across 265 acres of lush green campus in Lakshmangarh, Sikar, Rajasthan. The University was founded under the visionary leadership of Mr. R. P. Mody, the Founder Chairman in 1998 with a vision to be an institute of professional learning compared to the best in the world, with special commitment to women education and cultural heritage of India.

About the Programme:

This programme is basically designed to provide quality education imparting skills on both hardware and software co-design aspects. The present world sees the rapid growth in telecommunication systems, consumer electronics and computer based designs keeping electronic and microelectronic embedded systems at the core of these developments. Developed in response to the needs of such industries, this programme will render advanced level knowledge and skills in the design of complex software enabled electronic and microelectronic hardware systems. To meet this demand, the curriculum has been specifically designed in consultation with technocrats from relevant industries. It is a four year regular B.Tech programme incorporating the concept of curriculum for applied learning; an advanced project based learning system uniquely adapted in core and elective courses offered.

Future Prospects:

- Graduates will be employed in industries such as Automotive, Services, IoT industries, Smart devices, Software enabled services, Process controlled industries, Embedded solutions etc,
- Graduates can pursue higher studies in both Electronics and Computer Science subjects.

Courses:

- Electronics Devices and Circuits
- Network Analysis and Synthesis
- Data Structures
- General Purpose Programming
- Digital Electronics
- Integrated Circuits and Applications
- Statistics and Probability Theory
- Database Management Systems
- Object Oriented Programming
- Microprocessor and Microcontroller
- Communication Systems
- Signal Processing and Applications
- Operating System
- Design and Analysis of Algorithms
- Control System Engineering
- VLSI Design
- Computer Networks
- Software Engineering
- Compiler Design
- Antenna & Wave Propagation

Laboratories:

- Data Structures Laboratory
- Electronics Devices and Circuits Laboratory
- General Purpose Programming Laboratory
- Database Management Systems Laboratory
- Integrated Circuits and Applications Laboratory
- Digital Electronics Laboratory
- Object Oriented Programming Laboratory
- Digital Signal Processing Laboratory
- Microprocessor and Microcontroller Laboratory
- Design and Analysis of Algorithms Laboratory
- VLSI Laboratory
- Microwave and Antenna Laboratory
- Compiler Design Laboratory
- Computer Networks Laboratory

Program Benefits and Career Options:

There are various opportunities available for employment for Electronics and Computer Engineer in Public and Private sector like:

- Indian Engineering Services (IES)
- Bharat Electronics Limited (BEL)
- National Aluminum Company Ltd. (NALCO)
- Hindustan Petroleum Corporation Limited (HPCL)
- Bharat Heavy Electricals Limited (BHEL)
- Bharat Petroleum Corporation Limited (BPCL)
- Oil and Natural Gas Corporation Limited (ONGC)
- National Thermal Power Corporation Ltd (NTPC)
- Coal India limited (CIL)
- Power Grid Corporation of India Limited (POWERGRID)
- Neyveli Lignite Corporation limited (NLC)
- Bharat Sanchar Nigam Limited (BSNL)
- Bharat Electronics Limited (BEL)

Institutional Tie-ups:

Tie-ups with National Institutions like CSIR – CEERI, Pilani; CSIR-CMERI, Durgapur; IISc, Bangalore; MNIT, Jaipur; IIT Guwahati, etc.

More than 20 International Collaborations with renowned foreign universities- Universite de Nantes, France; Ecole Des Mines de Nantes, France; Stony Brook University (USA); University of Missouri (USA); University of North Texas (USA); Florida International University (USA), etc.