Technocrats Institute of Technology (Excellence), Bhopal

Estd. : 1999

Newsletter

Bi-ANNUAL NEWSLETTER

About Us

Technocrats Institute of Technology (Excellence) in Bhopal, Madhya Pradesh is a premier educational institution that has been imparting quality and value-based education for the past 16 years. Our vision is to establish ourselves as a center of excellence in engineering education in India, with global standards.Our institute is affiliated with Rajiv Gandhi Proudyogiki Vishwavidyalay, Bhopal for its engineering and management program ensuring that our students receive an education that is recognized nationwide. We are located in Anand Nagar on Raisen Road in Bhopal, which makes us easily accessible and convenient for students from all over central India.Our dedicated faculty and staff ensure that our students receive the best education, and we provide them with state-of-the-art facilities and resources that are essential for their academic and personal growth. We also encourage our students to participate in extracurricular activities and provide them with opportunities to develop their skills and talents.At Technocrats Institute of Technology (Excellence), we are committed to shaping the future of our students by providing them with a world-class education that is grounded in values and ethics.

Vision

To become a "Centre of Excellence" for quality education in the field of engineering, research and management so as to produce globally competent and socially responsible professionals, who can contribute to technological and socio-economic development of the nation as a whole and region in particular.

Mission

- M.1: To educate students with deep professional knowledge through innovative teaching-learning process and to make them aware of cutting-edge technology so as to become capable of understanding and addressing the issues of society, state and the country.

- M.2: To create in- house facilities for research and innovation to provide solution to the industrial problems.

- M.3: To inculcate right human values and professional ethics, leadership qualities, communication and entrepreneurship skills in students to meet the need of society.

Technology is a word that describes something that doesn't work yet

INSTITUTIONAL PROGRAMS

IIIE Foundation Day

We are excited to announce the celebration of IIIE Foundation Day at Technocrats institute of technology (Excellence) in Bhopal on January 27th, 2020. The event was organized by Technocrats institute of technology (Excellence) and IIIE, Bhopal.The event was graced by the presence of Prof. (Dr.) Sanjeev Sharma, Director, School of Information Technology RGPV, Bhopal, who attended as the Chief Guest.The celebration was an opportunity to recognize the achievements of IIIE and its contribution to the field of Industrial Engineering. We are proud to have been a part of this event and to have hosted such an esteemed guest.

"Fluxus" Dance

We are excited to announce the successful organization of IIT Indore's "Fluxus" dance, singing, poetry, and street play auditions in Technocrats institute of technology (Excellence) in Bhopal on January 26th, 2020.Students from various colleges participated in the auditions, showcasing their talent in different art forms. Fluxes is a cultural fest organized by IIT Indore that celebrates various forms of art and creativity.We are proud to have been a part of this event, and we look forward to more such events that encourage and promote artistic expression
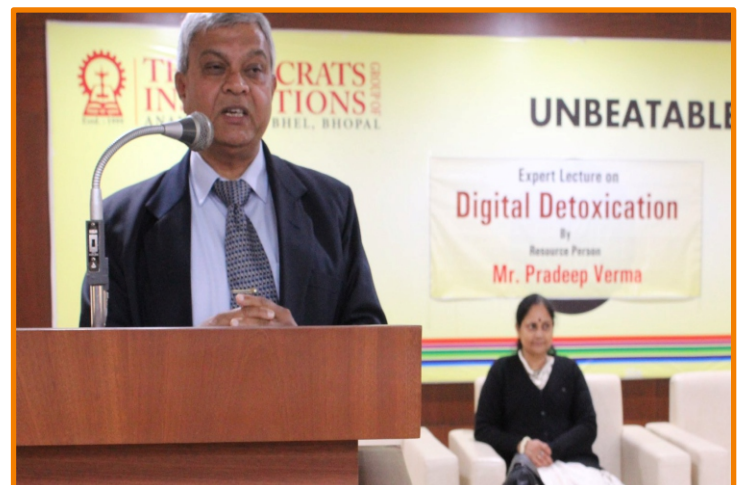

Seminar on VLSI Technology

We are thrilled to announce the successful conduct of the National Seminar on VLSI Technology & its Applications at Technocrats institute of technology (Excellence) in Bhopal on February 3rd, 2020. The resource person for the seminar was Dr. Gaurav Trivedi from IIT, Guwahati.VLSI is an interdisciplinary field that utilizes advanced semiconductor technology to create various functions of computer systems. The seminar provided insights into the latest developments and applications of VLSI technology, highlighting its importance in the field of engineering.We are proud to have organized this event and to have had Dr. Gaurav Trivedi as the resource person. Such events play an important role in advancing knowledge and promoting the growth of various fields.

Expert Lecture on 'Digital Detoxification'

An expert lecture on 'Digital Detoxification' is organized at Technocrats institute of technology (Excellence), Bhopal on 12th February, 2020. Mr. Pradeep Verma, Director, Syscom Infotech, is the Resource Person for the event

Departement of Computer Science & Engineering

Vision of the Department

To produce technically and ethically competent, socially responsible and innovative Computer Science & Engineering professionals through quality education, who can contribute to techno and socio-economic development of the nation as a whole and region.

Mission of the Department

- M1: To create an academic ambience for achieving academic excellence by imparting in depth. Domain knowledge to the students through effective teaching learning, conceptual and practical exposure with the latest tools and technologies.

- M2: To provide an environment & opportunity for students to utilize their potential and technical skills required for overall development through collaborative and professional development activities.

- M3: To inculcate innovative research skills, promote professional ethics & entrepreneurship skills amongst the students to cater to the needs of Society.

Program Educational Objectives (PEOs)

- PEO1: Graduate will become an established professional in the field of Computer Science & Engineering and related fields.

- PEO2: Graduates will acquire a well-built foundation to pursue higher studies and research.

- PEO3: Graduates will be able to inculcate effective communication skills, teamwork, ethics and leadership skills required to become an innovative and successful entrepreneur.

Program Specific Outcomes (PSOs)

- PSO1: Graduate will develop ability to design and develop computer-based applications of moderate complexity in the areas of database system, web technology and machine learning.

- PSO2: Graduates will be able to apply standard software project management practices and methods to deliver quality projects.

- PSO3: Graduates will be able to analyze and develop cost effective algorithms for real time engineering/social applications.

Webinar on "Post Covid-19: The New World of Young India"

Krashak Rojgar

A team of students from the Department of Computer Science and Engineering at Technocrats Institute of Technology (Excellence) in Bhopal participated in the AICTE Chhatra Vishwakarma Awards held in New Delhi. Their project was titled "Krashak Rojgar"."Krashak Rojgar" is an innovative project that aims to address the challenges faced by farmers in

Student Achievement

We would like to extend our heartfelt congratulations to Aman Pradhan, a student of TITE CSE VI semester, for successfully completing the Accenture Discovery Program.

Department of Civil Engineering

Vision of the Department

To develop technically competent and socially responsible Civil Engineering professionals with up-to-date knowledge and innovative ideas for contributing in techno and socio-economic development of the country as a whole and region in particular.

Mission of the Department

- M1: To achieve academic excellence in Civil Engineering by imparting in-depth technical knowledge to the students through conceptual and practical exposure on latest tools and technologies

- M2: To provide an environment & opportunity for students to grow and bring out their inherent talents for their overall development through collaborative and professional activities and prepare them for lifelong learning in global perspectives.

Program Educational Objectives (PEOs)

- PEO 1: Graduate will become an established professional in the field of Civil Engineering and related fields with proven teamwork and leadership records in their workspace and the society.

- PEO 2: Graduate will continue to develop professionally through lifelong learning, higher studies and research expertise in multidisciplinary areas to meet the expectations of their organization and the society.

- PEO 3: Graduate will possess all necessary engineering and scientific competence to become an innovative entrepreneur in the fields related to Civil Engineering and allied disciplines, with due consideration to social and environmental issues.

- PEO 4: Graduate will be able to adapt any environment and practice the ethics of their professions, consistent with a sense of social responsibility.

Program Specific Outcomes (PSOs)

- PSO 1: Graduates will be able to apply the knowledge of analysis and design to cater the infrastructural need of the society in Structural, Hydraulic, Transportation and Irrigation related fields.

- PSO 2: Graduates will be able to execute quality construction work within the stipulated period of time and resources with due consideration of energy conservation and surrounding ecology.

- PSO 3: Graduates will be able to plan and execute civil engineering projects applying relevant codes of practice for materials and techniques.

Department of Mechanical Engineering

Vision of the Department

To become a center of excellence in the field of Mechanical Engineering by enabling students to attain domain knowledge, lifelong learning skills and ethical values to serve the nation.

Mission of the Department

- M1: To create an academic ambience through competent faculty and encouraging multidisciplinary interaction.

- M2: To establish state of the art infrastructure facilities that will pave the dissemination of technical knowledge in the field of Mechanical Engineering.

- M3: Exposing students to new tools and technologies of Mechanical Engineering.

- M4: Providing an environment to actively participate in enhancing problem solving and leadership qualities and team spirit.

Program Educational Objectives (PEOs)

- PEO 1: Graduates will become an established professional in the field of Mechanical Engineering and related fields with sound ethical values.
- PEO 2: Graduates will demonstrate all necessary engineering and scientific competence to become an entrepreneur in the field of Mechanical Engineering and allied fields considering social and environmental issues.
- PEO 3: Graduates will possess a solid foundation in the field of Mechanical Engineering to be applied in their higher studies and researches.

Program Specific Outcomes (PSOs)

- PSO1: Graduates will be able to apply knowledge of Mechanical Engineering for analyzing and designing projects in the fields of Thermal, Industrial and Production engineering.

- PSO2: - Graduate will design and develop Mechanical Engineering projects concerning environment, energy conservation and safety.

- PSO3: Graduates will be able to plan and execute Mechanical Engineering projects applying relevant codes of practice materials and techniques.

Technocrats Electric Go-kart Championship 2.0

Department of Electronics & Communication Engineering

Vision of the Department

To become a "center of excellence" in the field of Electronics and Communication Engineering by transforming the students into competent professionals with high ethical values and fulfilling societal needs.

Mission of the Department

- M.1: To create an academic ambience for achieving academic excellence and producing competent graduates through effective teaching learning process.

- M.2: To provide exposure of modern tools and cutting-edge technologies in the field of Electronics and Communication Engineering.

- M.3: To develop adequate and appropriate facilities and provide an environment to stimulate multidisciplinary interaction.

- M.4: To enhance employability by inculcating problem-solving abilities, team spirit, leadership qualities and professional ethics.

Program Educational Objectives (PEOs)

- PEO 1: Graduates will become established professionals in the field of Electronics and Communication Engineering, software development and other related fields, who are adaptable in any environment and can practice the ethics of their professions, consistent with a sense of social responsibility.

- PEO 2: Graduates will possess all necessary engineering and scientific competence to become an innovative entrepreneur in the fields related to Electronics and Communication Engineering and allied disciplines, with due consideration to social and environmental issues.

- PEO 3: Graduates will continue to develop professionally through lifelong learning, higher studies and research expertise in multidisciplinary areas to meet the expectations of their organization and society.

Program Specific Outcomes (PSOs)

- PSO1: Graduates will be able to solve complex engineering problems and propose solution in the field of electronics and signal processing as per industry requirement.

- PSO2: Graduates will be able to design and develop solutions for the realistic problems of society using VLSI and embedded systems.

- PSO3: Graduates will adapt modern tools and technology to develop wireless communication projects in context of societal need and environment issues.

Workshop on "Microcontroller and Embedded Systems

Practical Session on "Android App development"

Department of Electrical Engineering

Vision of the Department

To impart quality education in various fields of engineering, technology & management and to develop the institute into a center of academic excellence.

Mission of the Department

To mold the students into competent technocrats to become professionally skilled, intellectually adept and socially responsible, to contribute to society through quality teaching and providing the conducive learning environment.

Program Educational Objectives (PEOs)

- PEO 1: Graduates will become established professionals in the field of Electrical & Electronics Engineering and related fields with sound ethical values.

- PEO 2: Graduates will demonstrate all necessary engineering and scientific competence to become an entrepreneur in the field of Electrical & Electronics Engineering and allied fields considering social and environmental issues.

- PEO 3: Graduates will possess a solid foundation in the field of Electrical & Electronics Engineering to be applied in their higher studies and research.

Program Specific Outcomes (PSOs)

- PSO 1: Graduates will show ability to analyze, design, and implement electrical machines, power electronics, instrumentation, control systems for the overall electrical power system.

- PSO 2: Graduates will show the ability to apply appropriate techniques and modern engineering hardware and software tools in power systems and power electronics in the field of Electrical & Electronics Engineering.

- PSO 3: Graduates will show ability to comprehend technological advancements and the impact of electrical engineering solutions in societal and environmental context.

Satyam Tiwari , student of Mechanical Engineering felicitated on **PLACEMENT DAY- 2019** by **Hon'ble Governor of M.P.** Smt**. Anandiben Patel** for his selection in Indian Navy

"**Highest Placement & Academic Excellence Leader in Central India Award -2019**" awarded by **Hon'ble Chief Ministerof M.P. ,** Shri **Kamal Nath Ji**

Program Outcomes

- **PO 1** Engineering Knowledge
- **PO 2** Problem Analysis
- **PO 3** Design/Development of Solutions
- **PO 4** Conduct Investigations of Complex Problems
- **PO 5** Modern Tool Usage
- **PO 6** The Engineer and Society
- **PO 7** Environment and Sustainability
- **PO 8** Ethics
- **PO 9** Individual and Team Work
- **PO 10** Communication
- **PO 11** Project Management and Finance
- **PO 12** Life-long Learning.