



Technocrats Institute of Technology (Excellence), Bhopal

Newsletter

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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 14 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 Pradyogiki Vishwavidyalaya, 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.

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.

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.

INSTITUTIONAL PROGRAMS

“Independence day 2021”

Technocrats Institute Of Technology & Excellence Bhopal, commemorated India's 75th Independence Day on August 15, 2021, with great zeal and enthusiasm. The flag hoisting ceremony was attended by the esteemed Chief Patron Dr. R R Karsoliya, Chairperson Smt. Sadhana Karsoliya, and distinguished faculty members and staff. It was a moment of immense pride and honor as we paid tribute to the freedom fighters and celebrated the rich cultural heritage of our country. This small gesture was our way of expressing gratitude towards our motherland and acknowledging the sacrifices made by our forefathers for a free and independent India



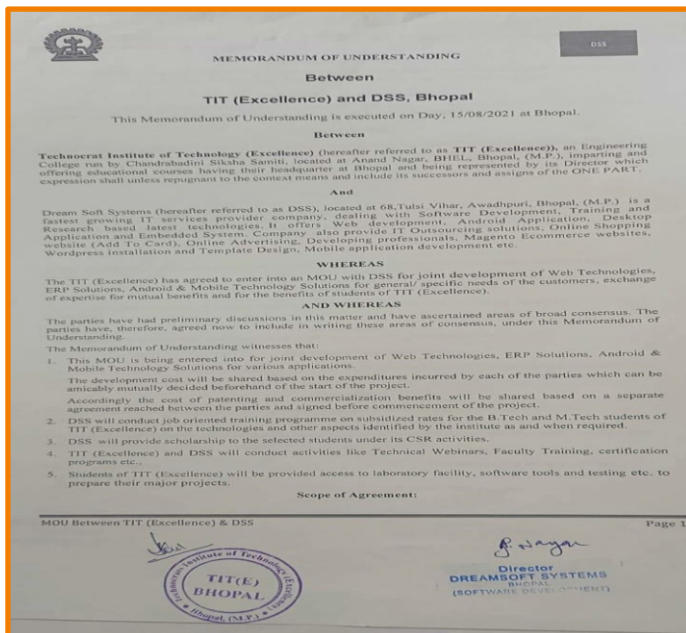
Campus drive of Just Dial

Technocrats Institute Of Technology & Excellence Bhopal successfully conducted the Just Dial campus drive for Batch 2022 on December 15, 2021. The event witnessed an overwhelming response from the students who participated with enthusiasm and zeal. Just Dial, a leading local search engine company, offered various job opportunities to the students, providing them with a chance to kickstart their career in the corporate world. The campus drive was a great platform for the students to showcase their skills and knowledge and make a positive impression on the recruiters

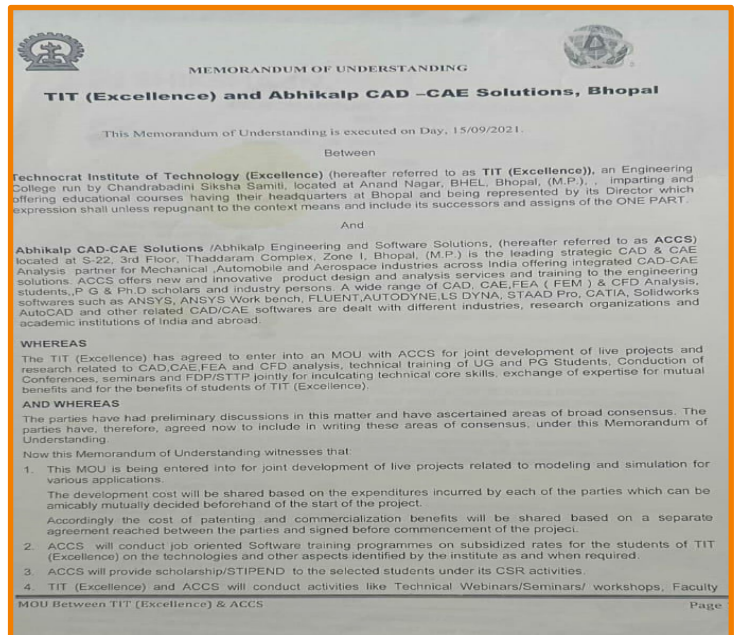


Memorandum of Understanding (MoU)

MoU sign with Dream Soft Systems (DSS)



MoU sign with Abhikalp CAD-CAE Solutions



Department 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.

Interaction Session

Technocrats Institute Of Technology (Excellence), Bhoal recently organized a successful faculty interaction session with Mr. Gaurav Ghelani, the Academic Relationship Manager for India West & Central at Tata Consultancy Services. The session was aimed at providing an opportunity for the faculty members to interact with an industry expert and gain valuable insights into the latest trends and practices in the field of technology. Mr. Ghelani shared his extensive knowledge and expertise on various topics, including emerging technologies, digital transformation, and the importance of innovation in the industry.



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.

Industrial Visit



Technocrats Institute Of Technology Excellence Bhopal recently organized a highly informative industrial visit for the Department of Civil students (I & II Year) to M/s Supermax Ready Mix Concrete (RMC) Plant located at 11 Mile Bhopal. This visit provided our students with an opportunity to witness the construction and workings of the RMC Plant firsthand. During the visit, our students were provided with valuable insights into various aspects related to the RMC Plant, including the arrangement of silos and bins for the storage of cement and aggregate, the weigh batches used for proportioning different ingredients of concrete, and the high- efficiency mixture used for thorough mixing of materials.

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.



Campus Drive of HiddenBrains

The campus drive of HiddenBrains was successfully conducted at TECHNOCRATS INSTITUTE OF TECHNOLOGY (EXCELLENCE) Bhopal on October 27, 2021. The event provided an excellent opportunity for our students to interact with industry experts and showcase their skills. We are proud of our students for their participation and wish them the best of luck in their future endeavors

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.

Industrial Visit



Technocrats Institute Of Technology(Excellence), Bhopal recently organized an informative industrial visit for third- year EC students at CRISP, Bhopal. Our students were guided by industry experts Mr. Abhishek Chourey, Mr. Subrato Howldar, Mr. A.N. Tiwari, Mr. Harish Bharti, and Mr. Prateek Vashisth, who helped them gain invaluable industrial exposure and practical knowledge in the field of Electronics and Communication Engineering. The industrial visit was a significant milestone in our students' academic journey, allowing them to broaden their understanding of the latest technological advancements and their real-world applications.

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.

DXC NASSCOM



Technocrats Institute Of Technology (Excellence) Bhopal. The training was conducted on the FutureSkills Prime Platform, a collaborative initiative by the Ministry of Electronics and Information Technology (MeitY), Government of India, and NASSCOM, which provides students with premium content, leading to prestigious badges and certificates. The aim of this platform is to support the development of India's digital talent pool and help students acquire the skills required to excel in the digital age.

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.

What our Student Say...

“ We all yearn to have a memorable college experience. During these four years of college, whether the mode was offline or online, education remained the same for us. Faculties were readily available to provide any help we needed. We had proper classes for technical subjects and placement training, which helped us prepare for all the aspects. I was blessed with ample opportunities to learn, enhance my skills, and create an inseparable bond with my peers and memories I'll cherish forever. ”

Apurbi Shreya
amazon Package **18.7** LPA



Congratulations Placed Students

Package **10** LPA

AIRBUS




Apurbi Shreya
TIT - E (CSE)


Vikas Prasad
TIT - E (CSE)

Our students, our pride!

It's difficult to sum up the memories and experience of 4 years in few lines. During my B.Tech, I consider myself very lucky for being a part of Technocrats Group. There is something motivational and special in this environment which made us study and enjoy co-curricular activities. All the professors are very helpful, and they guided us all the time as well as they were very caring and interested in students' well-being. We used to have different events and sessions which boosted my confidence, and that experience is helping me now as well at my workplace. These 4 years were unforgettable and have given me friends for life. I will be forever grateful for the wonderful time I spent in Technocrats Group

Anurag Singh
Batch 2020
TIT-Excellence
Mechanical Engineering

Working in
BHARAT ELECTRONICS



Being a TITian, it was a very nice experience for me to explore various fields with the guidance of our supporting faculty members. Training & Placement cell tries with their best efforts for the students to achieve their goals. Many events take place regularly to enhance & explore their potential focusing on overall personality development of a student.

Harsh Gitey
Batch: 2020
TIT - E (Mechanical)

Working in
Infosys



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