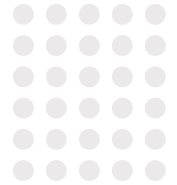




# MANGALMAY GROUP OF INSTITUTIONS



ARTIFICIAL INTELLIGENCE  
DATA SCIENCE  
CLOUD COMPUTING  
NETWORKING  
CYBER SECURITY  
ETHICAL HACKING



THE FUTURE  
IS HERE



ARTIFICIAL INTELLIGENCE  
DATA SCIENCE  
CLOUD COMPUTING  
NETWORKING  
CYBER SECURITY  
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# MANGALMAY INSTITUTE OF ENGINEERING & TECHNOLOGY



Mangalmay Institute of Engineering & Technology (MIET) presents an exceptional and comprehensive four-year, full-time Bachelor of Technology (B. Tech) program in Computer Science Engineering (CSE), CSE [Artificial Intelligence (AI)], and CSE [Data Science (DS)]. This distinguished program is affiliated by the All-India Council for Technical Education (AICTE), Ministry of Education, Government of India, and is affiliated with the prestigious Dr. A.P.J. Abdul Kalam Technical University, Lucknow.

**Commitment to Educational Excellence:** At MIET, we employ a progressive and forward-thinking pedagogical framework that caters to the dynamic intellects of the nation's youth. Our faculty comprises highly esteemed professionals, revered for their unparalleled expertise and relentless dedication to shaping the future of technology. The institute is equipped with cutting-edge infrastructure, fostering an environment that empowers students to achieve academic brilliance. Students are encouraged to pursue a diverse array of electives, enabling them to cultivate their unique talents and pursue tailored career trajectories.

**Curriculum with Global Relevance:** Our meticulously designed curriculum integrates foundational engineering principles with the domains of mathematics, science, humanities, and entrepreneurship. This interdisciplinary approach ensures that students develop a well-rounded and adaptable skill set, preparing them for the complexities of the global job market. MIET also maintains regular engagement with industry experts, providing students with exposure to current trends through specialized courses, immersive workshops, hands-on seminars, and internships.

# MIET

## THE FUTURE IS HERE



# ADD-ON TRAINING

INDUSTRY ORIENTED INNOVATION LABS & TRAINING PROGRAMME:



At MIET, we are steadfast in our commitment to producing future industry leaders equipped with cutting-edge technological expertise. To achieve this, the institute offers a robust portfolio of 34 specialized training programs, all designed to provide a comprehensive skill set that aligns with the most current industry standards and requirements.



## Core Training Programs Include:

- Big Data Analytics
- Cloud Computing
- Artificial Intelligence & Machine Learning
- Cybersecurity & Ethical Hacking
- Data Structures & Algorithms (DSA)
- Full Stack Development (MERN Stack)
- Java, Python, C++, .NET, PHP
- Mobile App Development (Android)
- Digital Marketing (3-4 Months)
- Web Designing
- Advanced Software Testing (Manual, QTP, Selenium)
- Networking (CCNA & CCNP)
- Enterprise Resource Planning (SAP)
- Microsoft Business Intelligence (MSBI)
- Database Management (MySQL, Oracle DBA, SQL Server)
- Big Data Technologies (Hadoop)
- SAS Analytics & Advanced Techniques
- Linux Administration & ITIL Framework



PROUD TO  
BE MIETIAN

# AI

**WORLD OF  
ARTIFICIAL INTELLIGENCE**



## INDUSTRY ORIENTED INNOVATION LABS & TRAINING PROGRAMME

### **Bridging Academia and Industry through Innovation**

Our Industry-Oriented Innovation Labs serve as dynamic ecosystems where theory is seamlessly integrated with real-world applications. These labs function as collaborative spaces for students, researchers, and industry professionals to engage in cutting-edge projects that drive technological advancements. Here, students cultivate a comprehensive understanding of industry challenges and acquire practical problem-solving skills through hands-on experience.

These labs are not merely educational spaces but incubators of creativity and intellectual exploration, where students develop critical thinking, adaptability, and technical proficiency. Through real-time industry projects and internships, our students are immersed in the practicalities of their chosen fields, honing their skills to perfection. This synergistic model ensures that MIET graduates transition seamlessly into the professional world, equipped with the knowledge and expertise required to excel in an ever-evolving technological landscape.

### **Industry-Driven Curriculum for Career Readiness**

MIET's innovative training programs are designed not only to enhance the academic experience but to ensure our graduates are highly employable, well-versed in the latest industry trends. By offering specialized courses, workshops, and exposure to emerging technologies, we ensure that our students remain at the forefront of their fields, prepared to take on leadership roles in the global marketplace.

## Awards & Recognition

**Ranked 15th**

*for Engineering by Amar Ujala &  
IMRB International Education Survey*

**Academic  
Excellence Award**

*in technical education for  
engineering by All India Technical  
and Management Council*

**AAA  
Ranked**

*CAREERS360 has conferred upon  
Mangalmai Group of Institutions the  
prestigious "AAA" rating among  
India's premier engineering  
institutions for 2024.*



## COMPUTER SCIENCE & ENGINEERING (B. TECH-CSE)

Computer Science & Engineering (CSE) is a preeminent discipline that commands immense popularity among engineering aspirants. It encompasses a multifaceted exploration of paradigms such as computational algorithms, software architecture, programming languages, and networking protocols. This field immerses students in both the design and strategic management of information systems, integrating hardware and software components to deliver optimized technological solutions. Upon the successful culmination of the B.Tech degree, graduates are poised to embark on an array of illustrious career trajectories, which may include:

- Software Architect
- Network Design Specialist
- Cloud Infrastructure Manager
- Database Administrator
- Network Security Strategist
- Systems Engineer
- Cloud Computing Developer
- Cybersecurity Analyst
- Data Analytics Consultant

## CSE - ARTIFICIAL INTELLIGENCE (B. TECH - CSE(AI))

Artificial Intelligence (AI) epitomizes the zenith of modern technological evolution, facilitating the creation of machines that mimic human cognitive processes. With the integration of sophisticated algorithms, data modelling, and decision-making frameworks, AI empowers systems to learn, reason, and adapt autonomously. AI's transformative potential has permeated numerous industries, engendering revolutionary advances in sectors ranging from autonomous vehicles to healthcare innovations, while concurrently augmenting operational efficiencies.

AI constitutes an expansive and highly interdisciplinary subset of computer science, dedicated to the engineering of systems capable of executing tasks with a level of sophistication akin to human intelligence. As AI technologies continue to proliferate and evolve, their far-reaching impact reshapes both the socio-economic fabric and the global technological landscape.

### AI Career Pathways:

**Machine Learning Engineer:** Expert in the design and deployment of self-improving algorithms and models.

**Data Scientist:** Engages in the extraction of actionable insights from voluminous datasets using advanced statistical and computational methodologies.

**Computer Vision Engineer:** Specializes in the development of systems capable of interpreting visual stimuli, facilitating applications such as facial recognition and object detection.

**Natural Language Processing (NLP) Engineer:** Designs algorithms that enable machines to comprehend and generate human language, driving innovations in chatbots and automated language translation.

**Robotics Engineer:** Creates autonomous robotic systems, integrating machine learning and AI to enable dynamic interaction with their environment.

**AI Research Scientist:** Engages in the formulation of novel algorithms and methodologies, driving cutting-edge research within academia and industry.

**AI Product Manager:** Oversees the lifecycle of AI products, ensuring their strategic alignment with organizational objectives and market demands.

**AI Consultant:** Advises enterprises on the integration of AI to optimize workflows, enhancing productivity and decision-making processes.

**Ethics Officer in AI:** Focuses on ensuring that AI systems are designed and implemented in accordance with ethical standards, addressing concerns such as fairness, transparency, and algorithmic bias.

The AI sector is in constant flux, presenting a myriad of opportunities for intellectual innovation and professional specialization. Graduates in AI find themselves at the vanguard of technological evolution, poised to influence industries ranging from healthcare to autonomous technologies.

## CSE - Data Science (B.Tech - CSE (DS))

In the present digital era, data has emerged as an invaluable asset, propelling both innovation and informed decision-making across all domains. Data Science Engineering stands as the cornerstone of this transformative revolution, equipping individuals with the expertise to extract nuanced insights from massive datasets. This interdisciplinary domain fuses principles from computer science, statistics, and domain-specific knowledge, allowing professionals to detect patterns, forecast trends, and resolve complex computational problems.

### Benefits of Data Science Engineering

**Exponential Demand in the Workforce:** Data Science represents one of the most rapidly expanding domains, with global demand for experts soaring across industries.

**Cross-Industry Applicability:** The proficiency gained from a Data Science Engineering education is indispensable across a broad spectrum of industries, including but not limited to finance, healthcare, e-commerce, and logistics.

**Empowered Decision-Making:** Data Science imparts the acumen to convert raw, unstructured data into actionable intelligence, empowering organizations to drive impactful business decisions.

**Proficiency in Technical Disciplines:** The curriculum provides rigorous training in programming languages (Python, R), machine learning models, and advanced data visualization techniques, ensuring graduates are well-equipped to navigate real-world challenges.

**Mastery of Big Data Frameworks:** Exposure to technologies like Hadoop and Spark ensures that students are adept at managing, processing, and analyzing colossal datasets with proficiency.

**Commitment to Continuous Learning:** The rapidly evolving nature of Data Science compels professionals to pursue ongoing education, ensuring they remain at the forefront of technological innovation.

Data Science graduates are highly sought-after across industries, with career prospects spanning roles such as machine learning engineers, data analysts, and statisticians. Their expertise empowers businesses to extract critical insights that guide strategy and foster operational excellence.

MIET's B.Tech Programs in AI and Data Science provide an unparalleled academic experience, preparing students to become pioneers in the fields of intelligent systems and data-driven decision-making. These programs offer students the necessary tools to thrive in the fast-evolving technological landscape, ensuring they are well-positioned for success in an array of cutting-edge careers.



## LOCATION & INFRASTRUCTURE

Mangalmay Institute, an ISO 14000 certified institution, approved by AICTE and affiliated with Dr. A.P.J. Abdul Kalam Technical University (AKTU), is strategically located in Greater Noida's Knowledge Park II. It is just a 35-minute drive from Delhi via the state-of-the-art 12-lane Expressway and a mere 500 meters from the nearest metro station, offering students unparalleled accessibility and connectivity.

## STRIKING FEATURES

- Mandatory Job-Oriented Technical Training for students to ensure industry readiness.
- Experienced Faculty with extensive teaching experience and profound industry exposure.
- Promotion of Startups and Entrepreneurial Skills, fostering innovation among students.
- Fully Operational Incubation & Entrepreneurship Centre, facilitating the launch and growth of start-ups.
- 24/7 Digital & Automated Library equipped with an extensive collection of e-books and NPTEL DVDs for continuous learning.
- Regular National and International Events that bring together thought leaders and industry experts.
- Affiliation with Prestigious Bodies like ISTE, MSME, Dellnet, Hardicon, and many more, fostering credibility and networking.
- TCS-Certified Computer Labs with the latest software, ensuring a state-of-the-art technological environment.
- Impressive Placement Record, facilitating excellent career prospects for students.
- Membership of NCC/NSS for student participation in social service and leadership development.
- Industrial Visits that provide students with exposure to real-world industrial environments and working conditions.
- Paid Internship Program, offering students invaluable practical experience and financial support.
- Separate On-Campus Hostel Facilities for both Girls and Boys, ensuring a comfortable stay.
- Excursion Visits, enriching students' learning experiences and personal development.
- Schemes for meritorious and financially needy students, promoting academic excellence.
- Fully Functional Alumni Association, fostering strong connections and support networks.
- Bank Loan Assistance, facilitating financial support for deserving students.
- Free Foreign Certification Program for meritorious students, enhancing global employability.
- Optional Foreign Language Courses, enhancing global communication skills and cultural awareness.

**Why**  
**B.Tech from Mangalmay?**



# ENTREPRENEURSHIP DEVELOPMENT CELL



## ENTREPRENEURSHIP DEVELOPMENT CELL

The EDC bridges academia and industry, equipping students with entrepreneurial skills. It provides exposure to the corporate world while nurturing creativity and innovation. Through its collaboration with MIEF, it enhances its reach, offering mentorship and resources to students aiming to ideate, launch and commercialize their startups.

## INSTITUTE INNOVATIVE COUNCIL

As part of the MHRD's IIC initiative, MIET fosters an innovation-driven culture, hosting annual events like the "Idea Presentation" to identify entrepreneurial potential. MIET's participation in IIC contributes to local start-up ecosystems and positions the institute for recognition in the ARIIA rankings, further promoting innovation and entrepreneurship. Impact lectures organized by IIC, are also seen as one great source of the knowledge enhancement initiatives.

## IIRS-ISRO

MIET's partnership with IIRS-ISRO offers students advanced training in Geospatial Technology and Atmospheric Sensing across South East Asia. This collaboration equips students with expertise critical for careers in these high-demand fields.

## MANGALMAY INCUBATION & ENTREPRENEURSHIP FOUNDATION (MIEF)

MIEF, a non-profit initiative, fosters entrepreneurship by providing support for start-ups and technology-driven ventures. It promotes socio-economic initiatives and aids in the commercialization of innovative ideas. Tailored Incubation Programs support ventures at various stages, empowering entrepreneurs with essential services to refine and scale their business models.



## MANGALMAY INCUBATION & ENTREPRENEURSHIP FOUNDATION (MIEF)

Mangalmay Incubation & Entrepreneurship Foundation (MIEF) stands as a non-profit hub within the Mangalmay Group of Institutions in Greater Noida, with a mission encompassing several key objectives:

- Paving the way for entrepreneurial opportunities among students, faculty, and researchers.
- Nurturing fledgling technology-based enterprises.
- Providing support to technology and knowledge-driven ventures in their initial phases.
- Backing socio-economic initiatives and cultivating an environment to incubate and support inventive concepts.
- Facilitating the commercialization of innovative ideas.
- Cultivating and promoting an entrepreneurial spirit by initiating ventures that add value.

MIEF extends various Incubation Programs tailored to each stage of a startup's journey. Startups can apply under the category that aligns most closely with their goals. Our commitment is to identify and empower promising young individuals, encouraging them to formulate innovative business ideas through the provision of essential incubation services.

### Our Innovative Projects



### MOU's



# PLACEMENT

The **Corporate Resource Division (CRD)** acts as a crucial bridge between academia and industry, facilitating ongoing engagement with the corporate world. It forges strategic partnerships with top-tier organizations, organizing internships, placements, and specialized training programs. The Placement Department invites leading companies from diverse sectors, offering students an opportunity to showcase their skills through a rigorous selection process. With a remarkable placement record, Mangalmai Institutions attracts top recruiters like **TCS, Infosys, Tech Mahindra, IBM, CISCO, Intel, Dell, Wipro, Samsung, and more.**

**500**  
fortune  
companies

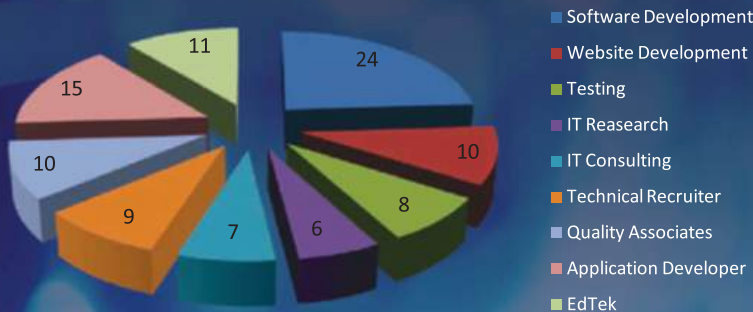
**tcs**  
TCS  
CONSULTANCY  
SERVICES

**Infosys**  
Navigate your next

**Microsoft**

**wipro**

## Placement Summary B.Tech 2020 - 2024 (Sector wise)



**Nikki Kumar**  
CSE  
Infosys



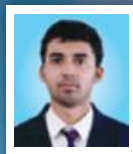
**Shubhanshu Updhayay**  
CSE  
NIIT Technologies



**Priya Sinha**  
CSE  
Hexaware



**Amarnath Vishwakarma**  
CSE  
TCS



**Manish Kumar Tiwari**  
CSE  
VIVO Mobiles India



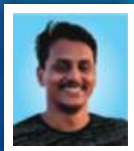
**Mukesh Kumar Das**  
CSE  
Infosys



**Ayush Saxena**  
CSE  
WIPRO Ltd.



**Rishabh Kumar**  
CSE  
Byju's



**Amit Singh**  
CSE  
Unthinkable



**Shreyanshi Pundeer**  
CSE  
TCS



All great good hospitality. One of the best campus with quality of students & corporate focus approach.

**Ms. Shweta Latant**  
Cloud Analogy  
HR Manager



My sincere appreciation & gratitude to the Training & Placement Department and all staff of MIET for their efforts in imparting quality technical and aptitude training. I am very grateful to them for effectively and sincerely helping me to grab the first-ever opportunity.

**Priyank Mandal**  
TCS-9.00 LPA



## Eligibility:

The candidate must have passed (without grace) Intermediate (10+2 Level) Examination or its equivalent from any recognized board, securing minimum 60% marks in aggregate in the required subjects with a combination of two Compulsory Subjects – Physics & Mathematics and one optional subject of Chemistry/Biotechnology/Biology and UPSEE/JEE Mains Qualified.

## Course Fee

Fees Type	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	4 <sup>th</sup> Year
Course Fees	Rs. 75,500/-	Rs. 75,500/-	Rs. 75,500/-	Rs. 75,500/-
Other Charges	Rs. 53,500/-	Rs. 53,500/-	Rs. 53,500/-	Rs. 53,500/-
<b>Total</b>	<b>Rs. 1,29,000/-</b>	<b>Rs. 1,29,000/-</b>	<b>Rs. 1,29,000/-</b>	<b>Rs. 1,29,000/-</b>

\*Examination fee to be paid separately as per University Norms \* Hostel Charges (Optional)

2 Seater: 1,15,000/- per annum

3 Seater: 1,00,000/- per annum (For girls only twin sharing available)



## Mangalmai Group of Institutions

**Campus:** Plot No 8 & 9, Knowledge Park II  
Greater Noida, Uttar Pradesh, Delhi NCR  
Email: [admission@mangalmai.org](mailto:admission@mangalmai.org)

[www.mangalmai.org](http://www.mangalmai.org)

**Toll Free No. 1800 103 3797**

