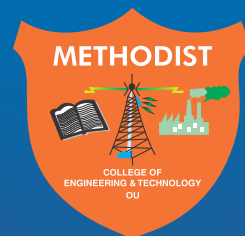


METHODOLOGY FOR  
A FUTURISTIC  
ENGINEERING...



**Methodist**

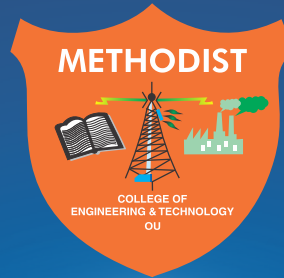
COLLEGE OF ENGINEERING & TECHNOLOGY

AUTONOMOUS INSTITUTION

COLLEGE CODE : **METH**



ज्ञान-विज्ञान विमुक्तये



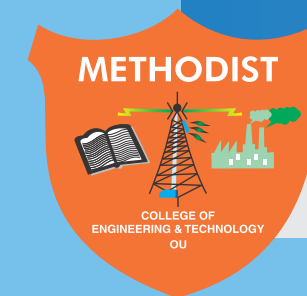
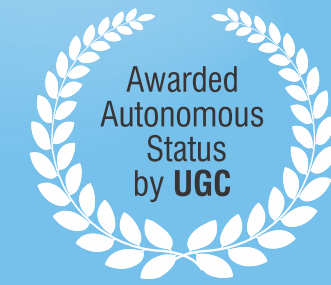
METHODOLOGY FOR  
A FUTURISTIC  
ENGINEERING...



METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY  
AUTONOMOUS INSTITUTION

COLLEGE CODE : **METH**

LEAD THE FUTURE



# Methodist

COLLEGE OF ENGINEERING & TECHNOLOGY

AUTONOMOUS INSTITUTION

Innovation is the key to success, and the world thrives on professionals capable of driving mankind to higher standards of development. MCET stands as the premier institute for technical education and career growth. With a global perspective, we mentor students and equip them with cutting-edge skill sets, attracting abundant opportunities for their future. Through collaboration with industries, we provide advanced practical training, fostering the development of high-calibre global citizens. Our well-crafted and curated education ecosystem empowers students to build great careers and achieve their aspirations.



## WELCOME TO LOFTY AIMS OF INVENTION...

### THE VISION

To produce ethical, socially conscious and innovate professionals who would contribute to sustainable technological development of the society.

### THE MISSION

To impart quality engineering education with latest technological developments and interdisciplinary skills to make students succeed in professional practice.

To encourage research culture among faculty and students by establishing state of art laboratories and exposing them to modern industrial and organizational practices.

To inculcate humane qualities like environmental consciousness, leadership, social values, professional ethics and engage in independent and lifelong learning for sustainable contribution to the society.



**Bishop M.A. Daniel**  
Chairman

We proudly welcome every student to our institution, where we strive to provide comprehensive engineering education. Our institution stands as the best in terms of expert faculty, innovative programs, infrastructure, courseware, and research opportunities.

### A DISTINGUISHED INSTITUTION

A leader in engineering education, the Methodist College of Engineering & Technology (MCET) is an autonomous institution recognized by AICTE & UGC. Founded in 2008 by Mr. Kodali Krishna Rao in association with the Methodist Church in India, it has since become a renowned teaching institution in Hyderabad. MCET emphasizes slash-based education instilling a scientific spirit and fostering holistic development among students. This confluence cultivates creativity and innovation, shaping the students' future.



**Mr. K. Krishna Rao**  
Correspondent



## PURITY OF DEDICATION

The foundation of Methodist College of Engineering and Technology is based on a commitment to educational excellence. The thought leaders at MCET share a common purpose of transforming students' lives through education and effective mentoring.

Methodist boasts an eminent academic team of professors who design the curriculum. With support from industry and institute collaborations, MCET plays a significant role in contemporary engineering education, producing outstanding engineers who are trained to tackle new challenges.



Mr. Rakesh Reddy

Mr. Pradeep Reddy

Mr. K. Krishna Rao

## LEADERSHIP EMINENCE

## ACADEMIC EXCELLENCE



A distinguished and experienced board of professionals governs The Methodist College of Engineering and Technology and steers it scale new heights of excellence and fame.

### Prof. M Lakshmipathi Rao

Director

Methodist College is the ideal destination for comprehensive engineering education and knowledge. The journey of every student at Methodist marks a significant milestone, initiating a passionate path of learning and discovery.



## Luminaries at METHODIST

1. Dr. Prabhu G Benakop, Professor & Principal, EEE
2. Dr. M.Lakshmipathi Rao, Professor & Director, Physics
3. Dr. S. Venkateshwar, Professor & Dean(Exams), H&S
4. Dr. A. Rajashekhar, Professor & Dean (Academics), MECH
5. Dr. K Jaya Sankar, Professor & Dean (R&D), ECE
6. Dr. Ravi M. Yadahalli, Professor & Dean (QA&A), ECE
7. Dr. P. Lavanya, Professor & HoD, CSE
8. Dr. VSSN Srinivasa Babu, Professor & HoD, ECE
9. Dr. Bandita Naik, Associate Professor & HoD, CIVIL
10. Dr. K. Anuradha Reddy, Associate Professor & HoD, H&S
11. Dr. M. Sujatha, Associate Professor & HoD, MBA
12. Dr. Ch Rakesh Kumar, Professor, CIVIL
13. Dr. G.Ravinder Reddy, Professor, CSE
14. Dr. M.Sharada Varalakshmi, Professor, CSE
16. Dr. Ramakanth Mohanty, Professor, CSE
17. Dr. K.Krishna Kumar, Professor, ECE
18. Dr. Mohd. Fakhruddin, Professor, MECH
19. Dr. Diana Moses, Associate Professor, CSE
20. Dr. Syed Azhad, Associate Professor, CSE
21. Dr. Shaik Khaleel Ahmed, Associate Professor, CSE
22. Dr. U.Moulali, Associate Professor, CSE
23. Dr. John William, Medithe Associate, Professor, ECE
24. Dr. Bhukya Laxman, Associate Professor, EEE
25. Dr. Santhosh Koppula, Associate Professor, H&S
26. Dr. P.Ravichander, Associate Professor, MECH
27. Dr. Prabhuraj Parusuraman, Associate Professor, MECH
28. Dr. M. Uday Kumar, Associate Professor, MECH
29. Dr. M. Prasad, Associate Professor, MECH
30. Dr. Swathi Mathur, Associate Professor, H&S
31. Dr. A.Arun Kumar, Associate Professor, H&S
32. Dr. K.Veerabhadra Rao, Associate Professor, H&S
33. Dr. S.K.Sruthi, Asst. Professor, CSE
34. Dr. G. Saritha, Asst. Professor, CSE
35. Dr. D.Ravi Kumar, Asst. Professor, H&S

## THE MILESTONES OF METHODIST

- The only Nodal Centre in Telangana for the promotion of certification programs under IIT, Bombay for Spoken Tutorials.
- Active Local chapter for NPTEL.
- AAA Rated Institute by Careers 360 during 2023.
- Centre of Excellence with AI-Shala.
- Centre of Excellence with Palo Alto, California, US.
- Centre of Excellence for Design under MOU with Revit-Architecture.
- iMedha-Technology Business Incubator (TBI), OTBI, Osmania University.
- Academic centre in association with IIT, Bombay for NMEICT-National Mission on Education through Information & Communication Technology.
- E-learning methods: SWAYAM, MOOS.
- Confederation of Indian Industry (CII) for enhanced industry interaction.
- Ranked 137th Best Engineering Institute in India by Times of Engineering Institute Survey 2022.
- Ranked 52nd Best Engineering Institute in India under Placement category by TOI Engineering Institute Survey, 2021.
- Ranked 18th Best Engineering Institute in Telangana by TOI Engineering Institute Survey, 2022.



### Prof. Prabhu G Benakop

Principal

Methodist is committed to delivering the finest engineering education and practical training that equips students for significant professional roles in life. The state-of-the-art curriculum and campus, along with the provided opportunities, refine and strengthen the students' capabilities.



## A LEARNING OF DISCOVERY

Our structured learning program inspires students to explore their ideas, pursue their interests, and cultivate their academic talents and skills, thereby gaining a competitive edge. Going beyond formal education, we provide students with the opportunity to achieve their ambitious goals and strive for high standards of perfection.

### The Institute Innovation Council

MCET's Institute Innovation Council (IIC) is an initiative of the MHRD and provides a platform for students and faculty to showcase their innovative ideas and transform them into successful businesses.

### ARIIA Recognition

The innovation & entrepreneurship initiatives of MCET have been accorded recognition by the Ministry of Education through the Atal Ranking of Institutions on Innovation Achievements (ARIIA).

### YUKTI at MCET

YUKTI National Innovation Repository is an initiative by MCET's Institution Innovation Council which encourages an entrepreneurial mindset among students.



### UNIVERSITY RANKS & GOLD MEDALS

Gold Medal  
**Salman U Khan**  
Mechanical Engineering

Gold Medal  
**Md. Basheer Moinuddin**  
Mechanical Engineering

Gold Medal  
**Nikhiya Sandhiya**  
Mechanical Engineering

Gold Medal  
**Sachin Dharmini**  
EEE

4th Rank  
**Siva Prasad**  
Civil Engineering

6th Rank  
**S.Dinesh Kumar**  
Mechanical Engineering

7th Rank  
**Hanif Khan**  
Civil Engineering

## LEAGUE OF THE EXALTED

Engineering education is inherently industry-oriented, and institutions like MCET have the prerogative to tailor their curriculum to align with existing and anticipated industry requirements. MCET bridges this crucial knowledge gap through alliances and professional memberships with reputable corporate industry bodies and associations, setting a benchmark for industry excellence.

### PROFESSIONAL & INDUSTRIAL MEMBERSHIP IN...

**ISTE**  
INDIAN SOCIETY FOR  
TECHNICAL EDUCATION

**IETE**  
THE INSTITUTION OF ELECTRONICS  
& TELECOMMUNICATIONS ENGINEERS

**CII**  
CONFEDERATION OF  
INDIAN INDUSTRY

**IEEE**  
INSTITUTE OF ELECTRICAL  
AND ELECTRONICS ENGINEERS

**SAEINDIA**  
SOCIETY OF AUTOMOTIVE  
ENGINEERS INDIA

**IGBC**  
INDIAN GREEN BUILDING  
COUNCIL

**ISTRUCTE**  
THE INSTITUTE OF  
STRUCTURAL ENGINEERS

**IEOM**  
INDUSTRIAL ENGINEERING AND  
OPERATIONS MANAGEMENT SOCIETY

## ACHIEVEMENTS OF METHODIST

**61** patents by  
faculty & students

**9** faculties are recognized as  
'Research Supervisors'

**16** members were  
awarded Ph.D.

**33** research scholars  
on the rolls in MCET

**168** research papers  
published  
in the academic year 2021-22

**762** publications in  
journals of repute

**13** books authored  
by faculty

**533** certifications  
from Coursera

Awarded a  
DST-SERB project

The Dept. of  
Mechanical Engineering's  
recognition as a Research Centre  
by Osmania University

Ranked 17th Best Engineering  
Institute in Telangana by  
TOI Engineering Institute  
Survey 2021

Ranked 138th Best Engineering  
Institute in India by TOI  
Engineering Institute  
Survey 2021





## AN ECSTATIC LIFE OF SCHOLASTIC FINESSE

The college has impressive buildings that cater to various needs and provide sufficient dedicated space for both academic and non-academic requirements. With a sprawling built-up area of 1.5 lakh square feet, all the blocks are equipped with robust infrastructure facilities, ensuring an ecstatic pursuit of scholarly endeavours.



### A CENTRAL LOCATION

Situated in the heart of Hyderabad city at Abids, the MCET campus is easily accessible and conveniently located on the well-connected King Kothi Road in Abids. The campus is surrounded by lush greenery, and spacious blocks of sprawling college buildings rise amidst a serene environment. Abundantly equipped with student facilities and amenities, the campus serves as a sanctuary for studies, debates, discussions, research, and more.



5+ ACRES INTEGRATED CAMPUS

1.5 LAKS BUILT UP AREA

5 SPACIOUS BLOCKS

PLAY GROUNDS

CAFETERIA & CANTEEN

LAWNS & SITTING AREAS

GYM & INDOOR GAMES



## INSIGHTS OF THE TRENDSETTING TECHNOLOGY

Our approach to education revolves around an interactive-based experience. We foster enthusiasm for learning and encourage intra-class debates, where talented students challenge and contest contentious areas within the subject domains, leading to lively discussions in the classroom. We firmly believe that enthusiastic interaction facilitates knowledge acquisition and pushes the boundaries of education, bridging the knowledge gap between teachers and students.

## CENTERS OF EXCELLENCE

### i-MEDHA-Technology Business Incubator

The iMedha-Technology Business Incubator (TBI) was established jointly with the Osmania Technology Business Incubator at Osmania University in the year 2021-22. Its primary objective is to support start-up industries in the IT and Electronics fields for students. The TBI specifically emphasizes imparting the latest technologies such as Artificial Intelligence, Block chain, Data Science, Internet of Things, Robotics, Machine Learning, System on Chip, Nano Technology, and more.

### AI-SHALA-MCET

AI-Shala-MCET is an ed-tech platform where students acquire essential skills to embark on a career in Artificial Intelligence. The platform offers live lectures with coding, job preparation, expert mentorship, a developer and student forum, and internship opportunities, all of which contribute to the cognitive development of students.

### IndustrialIoT

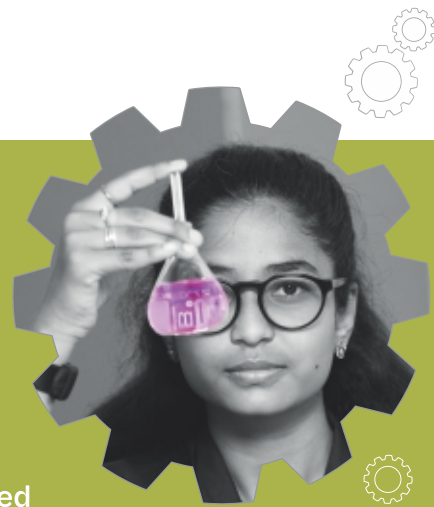
The Industrial IoT Centre of Excellence at MCET, in collaboration with PRAGYMIKA, New Delhi offers students and researchers a platform for innovation, research and education in Industrial IoT to facilitate the implementation and adoption of IoT solutions in diverse industries.



## INNOVATE RESEARCH AND ENTREPRENEURSHIP

The efforts towards promoting innovation have resulted in the fruition of research endeavours with:

- 40 patents published
- 762 research publications
- 7 copyrights
- 21 patents granted
- 8 incubated start-ups
- 20+ successful entrepreneurs



### Undergraduate Programmes

Computer Science & Engineering - 180 seats

Artificial Intelligence & Data Science - 180 seats

CSE (Artificial Intelligence & Machine Learning) - 180 seats

Electronics & Communication Engineering - 120 seats

Electrical & Electronics Engineering - 60 seats

Civil Engineering - 30 seats

Mechanical Engineering - 30 seats

### Postgraduate Programmes

ME (CAD/ CAM) in Mechanical Engineering - 18 seats

Master of Business Administration (MBA) - 120 seats



145+ TEACHING FACULTY

80+ NON TEACHING FACULTY

800+ FASTEST DESKTOPS

30+ LICENCED SOFTWARES

45+ DIGITAL PROJECTORS

30+ DIGITAL CLASS ROOMS

48+ TECHNICAL LABS





 ACQUIRING KNOWLEDGE  
TO ENHANCE CONFIDENCE



# CSE

 Department of   
Computer Science &  
Engineering

CSE offers a distinct and intellectually challenging training program. The faculty consistently updates the curriculum, providing cutting-edge education and technology to benefit the students. The CSE Department at MCET ensures the holistic progress of students in the right direction and at the right pace.



## Department Highlights

- Comprehensive curriculum covering Computer Hardware Design and Software Design.
- Strategic partnerships and MOUs with renowned organizations such as IIT-Bombay, CISCO, DELL-EMC, Honeywell, Coursera, ICT Academy, Moodle, and Al-Shala.
- Value-added courses and certifications through CISCO platform.
- Collaboration with i-Medha Technology Business Incubator, fostering entrepreneurship and innovation.
- Exclusive library with a wide range of books on fundamental and advanced topics.
- Active memberships in Google-GDSC, CSE bytes, CSI Students chapter, NPTEL Local Chapter, and IoT Club.
- Guest lectures and industrial visits for practical industry exposure.
- Opportunities for research paper presentations in seminars and journals.





## AI Department of Artificial Intelligence & Data Science

An industry-oriented curriculum exposes students to a wide scope of AI applications beyond engineering. Extensive coverage of data analytics includes research, design, data collection, preparation, analysis, integration, visualization, and interpretation. The emphasis is on industry internships, projects, and entrepreneurship.

### Department Highlights

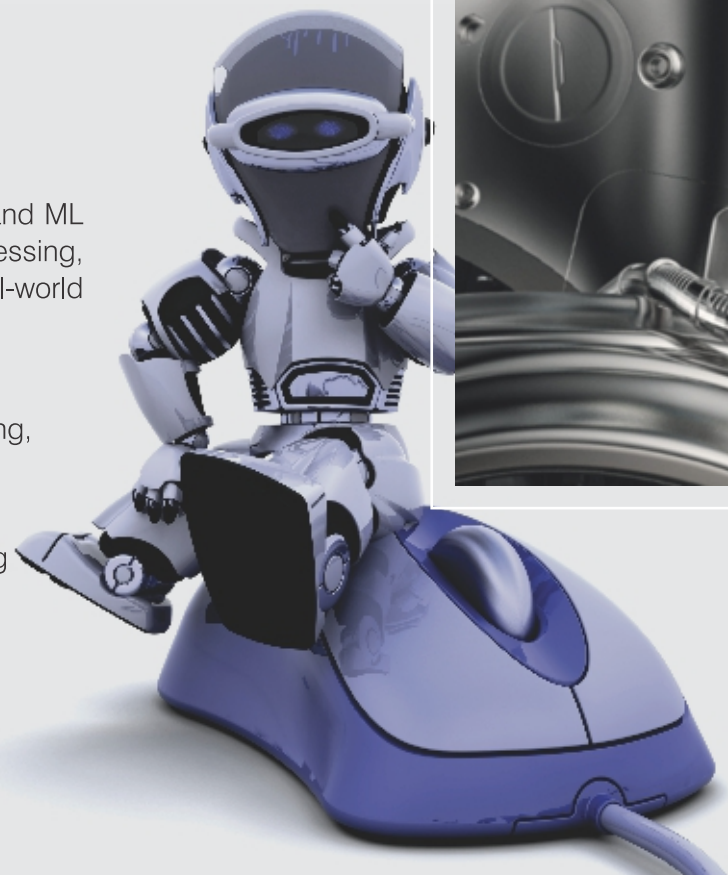
- Expertise in Data Handling and Knowledge Extraction.
- Proficiency in Mobile and Distributed Application Development, as well as Intelligence Web/E-Commerce Development.
- Specialization in Database Administration and Computer Hardware & Networking.
- Focus on Education & Training in the field of Artificial Intelligence and Data Science.
- Implementation of Decision Support Systems.
- Emphasis on internships, projects, and entrepreneurship opportunities.

## AI Department of Artificial Intelligence & Machine Learning

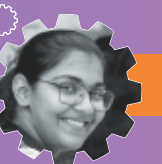
An in-depth subject that provides a comprehensive understanding of AI and ML equips students with skills in intelligent data analysis, natural language processing, computer vision, and data analytics - key components in numerous real-world applications.

### Department Highlights

- Cross-disciplinary skills in statistics, computer science, machine learning, and logic.
- Lucrative career opportunities as technocrats or data scientists.
- State-of-the-art facilities including laboratories, seminar halls, e-learning classrooms, and a library.



## A COURSE TO CONVERGE IMAGINATION & INTELLIGENCE



# IMPARTING KNOWLEDGE ON THE PRACTICALS OF TECHNOLOGY



## ECE Department of Electronics & Communication Engineering

The MCET Electronics and Communication Engineering department has transformed into an active center of educational excellence, blending a harmonious mix of basic sciences, engineering sciences, and a comprehensive range of core and elective subjects.

### Department Highlights

- Qualified faculty imparting education and training in contemporary technologies and industry standards.
- Deep learning of core and inter-disciplinary domains.
- Hands-on industry interaction for practical experience.
- Active student chapters of IETE & IEEE.



## EEE Department of Electrical & Electronics Engineering

The department has eminent and highly qualified faculty overseeing qualitative education, training, and research at the undergraduate and post-graduate levels in various aspects of Electrical and Electronics Engineering. Emphasis is placed on innovative and real-time projects, helping students gain practical knowledge.

### Department Highlights

- Modern classrooms and cutting-edge laboratory equipment.
- Advanced-level curriculum to stay updated with industry trends.
- Industrial visits, workshops, and expert lectures from renowned institutions and companies.



# DISCOVERING DESIGN & CONSTRUCTION



## CIV Department of Civil Engineering

MCET offers a well-structured curriculum and practical training in Civil Engineering, providing contemporary knowledge and cutting-edge training to the students. The department actively interacts with the industry through professional societies and engages in research consultancy, aiming to develop students in a wholesome manner.

### Department Highlights

- Cutting-edge infrastructure and labs for practical learning.
- Strong industry partnerships providing real-world experience and guest lectures.
- Research focus on sustainable construction, transportation, and environmental engineering.
- Emphasis on professional development through workshops, and training programs.
- Active Student chapters liaising with Institution of Engineers (IEI), and Indian Green Building Council (IGBC).



## MECH Department of Mechanical Engineering

The department offers an undergraduate program, B.E. in Mechanical Engineering, and a Post Graduate Program, M.E. with a specialization in CAD/CAM. The curriculum is aligned with industry demands and focuses on enhancing students' employability. The department boasts well-qualified faculty and an impeccable course design that emphasizes practical approaches and skills.

### Department Highlights

- Recognized as a "RESEARCH CENTRE" by OU for PhD programs.
- Conducts technical workshops and tests to enhance technical skills.
- Organizes seminars and guest lecturers to promote knowledge sharing.
- Encourages research discovery and paper presentations by students.



# A SYNERGIST COURSE TO ENERGIZE THE INTELLIGENCE



## H&S Department of Humanities & Sciences

The department's forte lies in fostering the fundamental principles and understanding of science to enhance the student's basic knowledge of engineering.

### Department Highlights

- Regular Soft Skills Training.
- Integrated with all Engineering streams.
- Productive Knowledge base.
- Dedicated and Experienced Faculty.
- Fully equipped Language Labs.
- Well-Equipped Physics & Chemistry Labs
- Workshops and Seminars.



## MBA Department of Business Administration

The Department offers an MBA programme and has been playing a key role in imparting management courses to engineering programmes. The MBA curriculum brings together core management principles and provides extensive entrepreneurship engagements to students through hands-on real-life experiential learning to imbibe the essence of creating, managing and sustaining enterprises.



## M.E. CAD/CAM

A well-experienced faculty armed with an industry-specific curriculum undertake the teaching tasks. Thoroughly taught are the operation, use, and application of computer software to create a design for a variety of industries. The design & manufacturing of prototypes, finished products, and products are extensively dwelt upon in the teaching.

### Department Highlights

- Training for multi-disciplinary applications.
- Liaison with the industry bodies & industry captains.
- Emphasis on internships & thorough training.
- Extensive training in projects.



## ACHIEVEMENTS IN SPORTS

S.No	Name & Dept	Achievement
1	Sai Teja III ECE	Gold Medal OU Inter College Swimming competition Represented all India University Swimming competition held at Chandigarh December 2022
2	Syed Md. Musharaf II - CSE	Gold Medal-Represented OU inter college best physique (90kgs.) Silver Medal - Represented OU inter college Weight Lifting competition 2023
3	C. Abhishek IV-CIVIL	Gold Medal- Represented for OU Inter college best physique (80kgs.) competition 2023
4	Jagadeesh II-CSE	a. Gold Medal for CM Cup Boxing Championship held at vizag, AP b. Silver Medal - Represented OU inter college Boxing Championship
5	Rohan III- ECE	Represented national football championship held at Chandigarh 2022
6	Rakshitha III-ECE	Represented All India Inter university competition held at Chennai, Tamil Nadu 2023
7	Sathwik I-CSE	Represented Cricket, OU team
8	Shreyanka II-CSE	Represented OU Yoga competition
9	Venu IV-ECE	Represented OU Taekwondo competition
10	Akash IV-CE	Represented South Zone Universities Volleyball
11	Md. Kaif III AI&DS	Represented South Zone Universities Volleyball



## PERFECTIONISTS AT STUDY & PLAY

MCET provides a balanced education for the mind and the body with equal fervour. Students not only showcase their academic achievements but also excel in a gamut of extra-curricular engagements like sports, socio-cultural events, student fests, workshops, etc. MCET has dedicated mentors in every aspect of grooming the students. Besides, the presence of active and diverse student committees networking and striving for well-rounded student development.

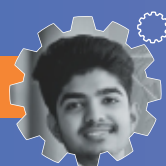
## A PLETHORA OF ON-CAMPUS ACTIVITIES

- Cultural Cell for events, student Fests
- Sports Cell encourages games like volleyball, cricket, badminton, table tennis, body-building etc
- Excellent infrastructure & amenities for sports
- Entrepreneurship Development Cell
- Student Welfare Committee to promote research initiatives and effectively preparation for job interviews, etc.



## THE REPOSITORY OF KNOWLEDGE

The extension of the classroom is the well-stocked main library affording access to a spectrum of scientific journals, periodicals, textbooks, research papers etc. Also available is an automated library which offers access to a plethora of online learning resources like MOOCs, NPTEL, SWAYAM, FOSSEE, and Coursera. The library houses a wide range of e-books and also gives access to the National Digital Library.





### Placement Support

- Regular interaction with the industry through seminars, guest lectures, conferences, corporate meets, etc.
- On campus and off-campus recruitment activities.
- Assisting in completing internship/training projects.
- Providing requisite soft skills training
- Coordinating with prospective employers in various industries.
- Providing management consultancy for Live projects.
- Intercultural exchange programs with industries and other institutions.

## A PATHWAY FROM CLASSROOM TO CAREER


### SUCCESS SPEAKS



**Chilukuri Rishi Kumar**  
 Methodist Engineering College provided me with an amazing learning experience. The faculty was knowledgeable and supportive, and the practical learning approach helped me to develop strong skills for my engineering career. I was able to secure a job as a Consultant Associate at Infor (India) Private Limited



**N Lakshmi Samyu**  
 Studying at MCET was a fantastic decision. The curriculum was comprehensive, and the college offered great opportunities for extracurricular activities and industry connections. I was able to crack INFOSYS, TCS, IBM, and eventually landed a job with Hewlett Packard Enterprise as a Cloud Developer



**Sushmitha Gujja**  
 Methodist College of Engineering & Technology offered an enriching environment for learning. The labs and workshops provided hands-on experience, and the faculty members were passionate about teaching and mentoring which made my career beautiful.



**Mr. Inamullah Shareef**  
 The focus on research and innovation, along with strong industry exposure, prepared me well for a successful engineering career, which enabled me to pursue a MS at Concordia University and eventually land a job as a project coordinator at KN Fall Protection Services Ltd in Canada.

### LAUNCHING CAREERS OF SUCCESS

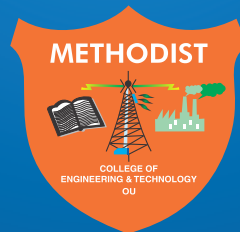
MCET prepares students for success in the industry. In this aspect, the training & placement cell comprehensively trains students on a range of prerequisites which encompasses soft skills, technical skills, and reasoning abilities to enhance employability.

#### Functions of the Cell

- Inculcating self-confidence for the articulation of ideas.
- Training sessions to enhance core subject knowledge.
- Hands-on Industrial exposure by experts.
- Developing leadership, ethics and societal awareness.
- Inviting Alumni for career guidance and motivational talks.
- Providing job stability and new professional avenues.
- Train and equip students to address societal needs.



A BLEND OF IDEA AND TECHNOLOGY



# Methodist

COLLEGE OF ENGINEERING & TECHNOLOGY  
AUTONOMOUS INSTITUTION

**Approved by AICTE, New Delhi, Affiliated to Osmania University**

Accredited by NBA and NAAC with A+ grade

King Koti Road, Abids, Hyderabad, Telangana - 500 001.

Email: [info@methodist.edu.in](mailto:info@methodist.edu.in). Web: [www.methodist.edu.in](http://www.methodist.edu.in)

For Admissions Contact : 888 69 89 522, 888 69 89 722