METHODIST

# METHODIST
## COLLEGE OF ENGINEERING & TECHNOLOGY
### (A UGC Autonomous Institution)

COLLEGE OF ENGINEERING & TECHNOLOGY OU

Estd : 2008

EAMCET/ ECET/ICET Code: **METH**

PGECET Code: **METH1**

NBA
NATIONAL BOARD OF ACCREDITATION

**Accredited**
Civil, CSE, ECE, EEE & ME

ACCREDITED WITH GRADE
A+
NAAC

**Accredited** With **A+ Grade**
CGPA of 3.32

ISO
9001:2015

ISO 9001:2015
Certified

ज्ञान-विज्ञान विमुक्तये

Autonomous Status
for **10 Years**

# CHANGE IS THE END RESULT OF ALL TRUE
# LEARNING

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

www.methodist.edu.in

**14 YEARS OF EXCELLENCE IN TEACHING**

## METHODIST
## AT A GLANCE

Methodist College of Engineering & Technology approved by AICTE and affiliated to Osmania University (OU) was established in the year 2008 under the leadership of **Mr. K. Krishna Rao** . The college is accredited by NAAC with A+ grade with CGPA of 3.32. UG courses – Civil, CSE, EEE, ECE and Mechanical Engineering are accredited by NBA (National Board of accreditation). The College is a recognized Academic centre in Association with IIT Bombay for NMEICT. The College with a sprawling campus of 5 acres is located at Abids, Hyderabad. It is a non-minority, self-financed and Co-education institution with an annual intake of 798 students.

## Vision

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

## Mission

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

- 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.

# INITIATING NEW AGE ENGINEERS

The Institution ventures to impart high quality technical education in Engineering and Technology to the students with skills and abilities required to complete the ever growing needs of industry around the world. The ultimate goal of Methodist College of Engineering and Technology is to educate individuals who possess both technical & social competence and confidence to succeed in professional practice and to meet current trends in industries.
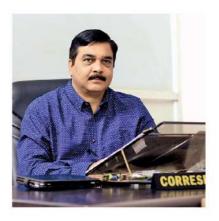
# MESSAGE FROM
## MANAGEMENT



**Bishop M.A. Daniel**, Chairman

At Methodist, the students are imbibed with the skills of project-based learning and practical learning processes, helping them to develop effective problem-solving skills, self-directed learning, effective collaboration skills, and intrinsic motivation.

We believe in providing quality and holistic engineering education through a combination of experienced faculty, innovation programs & course work and industry and institute collaboration in providing research and employment opportunities on the campus. Methodist is driven by balancing excellence in their fields with an uncompromising dedication to their students.



**K. Krishna Rao**, Secretary & Correspondent

At Methodist we always emphasize on infrastructure building and recruitment of talented resources to meet the requirements of curriculum and demands of the industry. A special team of Professors at Methodist has been given the responsibility to closely follow the industry and its requirements. The role that information plays in society has increased exponentially in recent years. Information technology including artificial intelligence, big data, and IoT are revolutionizing the world and with this information revolution convenience and efficiency are improving dramatically. Therefore, we have introduced a new course Artificial Intelligence & Data Science to meet the demands of the industry. In this context, we aim to educate and cultivate engineers of outstanding caliber, whose judgments stem from the integration of engineering expertise with interdisciplinary knowledge; who can solve problems and develop new field and who possess broad-based knowledge from an international perspective.



**Dr. M Lakshmipathi Rao**, Director

Dr. M. Lakshmipathi Rao obtained his M.Sc. and Ph.D. degrees in Physics from Osmania University, Hyderabad. He has joined University College of Science, Osmania University as a faculty member in the year 1973 and superannuated in 2010 as Professor of Physics. He served the department as Head and also Chairman BOS.

He served as a Controller of Examinations, Director Academic Audit Cell and Director, Internal Quality Assurance Cell of OU. During this tenure as Director, IQAC, Osmania University, it was re-accredited by NAAC with "A' Grade in the year 2008. He also worked at NAAC Bangalore for two years as Academic Consultant.



**Dr. Prabhu G Benakop**, Principal

Prof. Prabhu G Benakop, Principal Methodist College of Engineering and Technology, is a noted academician with more than thirty-four years of teaching experience in renowned centres of higher education. He did his B.E from the Karnataka University and M.E from Gulburga university, Karnataka, in the years 1987 & 1994 respectively., followed by PhD in 2005. He has organised several National/International level conferences & seminars and published nearly eighty research articles in internationally/nationally acclaimed journals. He is currently guiding 08 PhD scholars under JNTU-Hyderabad and 02 Ph.D scholars under VTU, Karnataka also produced 06 Ph.D holders in ECE/CSE Engineering. He has received awards constituted for contributions to the academics, including the National Award conferred by the Indian Society for Technical Education (ISTE, New-Delhi) in the year 1999. Considering his vast experience, KSCST, Bangalore sanctioned and financed twenty-one major BE projects in his favour.

## INNOVATION
# RESEARCH & DEVELOPMENT AND ENTREPRENEURSHIP

- 59 Patents by faculty and students
- 9 Faculties are recognized as Research Supervisors
- 10 Research Scholars awarded their Ph.Ds. under the guidance of Various supervisors
- 31 Research scholars are persuing their Ph.D under the guidance of Various supervisors
- 187 research papers Published by the faculty during academic year 2020-21
- 508 Publications in journals-conferences
- 13 Books / Chapters Published
- A DST-SERB project worth Rs.71.38 Lakhs is accepted for scrutiny
- Recognition as Research Centre in Dept. of Mech. Engg. by Osmania University
- Ranked 17th & 138th Best Engineering Institute in Telangana State & India respectively and Ranked 52nd Best Engineering Institute in India for Placements Category by TOI Engg Institute Survey 2021
- Ranked 17th & 137th Best Engineering Institute in Telangana State & India respectively by TOI Engg Institute Survey 2022
- An AA+ Rated Institute by Careers 360 during 2020-21
- Good Performance with Coursera with 533 certifications during 2020-21
- Organized 2 international Conferences in recent past

## EXPERIENCED LEADERSHIP:
# LUMINARIES

| S.No. | Name of the Faculty | Designation | Department |
|---|---|---|---|
| 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.SK Akshay Naidu | Professor & HoD | CIVIL |
| 5 | Dr. CH Rakesh Kumar | Professor | CIVIL |
| 6 | Dr. Bandita Naik | Assoc. Professor | CIVIL |
| 7 | Dr.Lavanya Pamulaparty | Professor & HoD | CSE |
| 8 | Dr. M Sharada Varalakshmi | Professor | CSE |
| 9 | Dr. Diana Moses | Professor | CSE |
| 10 | Dr. Syed Azhad | Assoc .Professor | CSE |
| 11 | Dr.Ramakanth Mohanty | Professor | CSE |
| 12 | Dr.R.Shaikh kaleel Ahmed | Assoc. Professor | CSE |
| 13 | Dr. .T V R.Hmabindu | Assoc. Professor | CSE |
| 14 | Dr. S K Shruthi | Asst professor | CSE |
| 15 | Dr. Krishna Kumar Bhagyanagar | Professor & HoD | ECE |
| 16 | Dr. John Willam Medithe | Assoc. Professor | ECE |
| 17 | Dr. Ravi M Yadahalli | Professor | ECE |
| 18 | Dr. V Padmavathi | Assoc. Professor | ECE |
| 19 | Dr . VSSN Baba | Professor | ECE |
| 20 | Dr. Bhukya Laxman | Asst professor | EEE |
| 21 | Dr. Anuradha Reddy K | Assoc. Professor & HoD | H&S |
| 22 | Dr. Santhosh Koppula | Assoc. Professor | H&S |
| 23 | Dr. Swathi Mathur | Assoc. Professor | H&S |
| 24 | Dr. Sunil Kumar N | Assoc. Professor | H&S |
| 25 | Dr. A Arun Kumar | Assoc. Professor | H&S |
| 26 | Dr. D Ravi Kumar | Assoc. Professor | H&S |
| 27 | Dr. Mohammed H.N. Fakruddin | Assoc. Professor | MECH |
| 28 | Dr. Raja Sekhar Adula | Professor & HoD | MECH |
| 29 | Dr. Ravi Chander Pasunoori | Assoc. Professor | MECH |
| 30 | Dr. Prabhuraj Parasuraman | Assoc. Professor | MECH |
| 31 | Dr. M Uday Kumar | Assoc. Professor | MECH |
| 32 | Dr. Prasad Matam | Assoc. Professor | MECH |

## EDUCATION FOR FUTURE AND BEYOND
# INSTITUTION PROFESSIONAL MEMBERSHIPS

# INSPIRING
# LEADERSHIP

Mr.Rakesh Reddy  -  Mr.Pradeep Reddy  -  Mr.Krishna Rao

## WE ARE COMMITTED TO EXCELLENCE IN EDUCATION
## THAT CREATES FUTURE FOR THE DEVELOPMENT OF THE NATION

# PROGRAMMES
# OFFERED

## B.E.

- ARTIFICIAL INTELLIGENCE & DATA SCIENCE
- CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)
- CIVIL ENGINEERING
- COMPUTER SCIENCE & ENGINEERING
- ELECTRONICS & COMMUNICATION ENGINEERING
- ELECTRICAL & ELECTRONICS ENGINEERING
- MECHANICAL ENGINEERING

## P.G.

- MASTERS IN BUSINESS ADMINISTRATION (MBA)
- M.E. CAD/CAM IN MECHANICAL ENGINEERING

## PURPOSE DRIVEN LEADERSHIP
## HIGHLIGHTS OF METHODIST

The college is autonomous & accredited by NAAC with A+ grade with CGPA of 3.32, UG courses – Civil, CSE, EEE, ECE and Mechanical Engineering are accredited by NBA (National Board of accreditation).

Recognized under Section 2(f) of UGC Act 1956

Teaching beyond curriculum where students are encouraged to take value added certificate courses such as NPTEL, FOSS, etc.

Industry Institution Interaction for faculty – student exchange programs giving a complete practical exposure to our students in the real world.

Recognized "Methodist NSS Unit" by Osmania University. Personality development through MOU with Vivekananda Institute of Human Excellence.

Dedicated Mentoring to every student, with a mentor-mentee ratio of 1:19 who guides and assigns their academy pathway.

Innovative teaching methodologies include case studies in all functional areas, interactive class rooms, PPT's, quiz, role plays, presentation by students and peer writing tasks with enhanced version online teaching tools.

MOU's signed with global companies for technology exchange viz. Oracle, WDP, OS Corp Technologies, IIT Madras (NPTEL), IITBombay (Spoken Tutorial), Lincoln University College, Malaysia, ICT Academy, SM Micro System,Cisco, Microsoft, Dell, COMSAT Systems Pvt. Ltd., World Academy of Research in Science & Technology and RAMTECH Industries etc.

# FACILITIES AT METHODIST







- Excellent Academic facilities provided in Five Blocks; Block A, B, C, D, E with total area of 152092.2 sq.ft.

- Four smart seminar halls available with the seating capacity varying from 100 to 400.

- For the comfort of our students, we have Wi-Fi enabled campus, Digital Classrooms, Auditorium, Cafeterias and much more.

- The whole campus is powered by CCTV Surveillance.

- Various Student Cells like Anti Ragging, Women Protection Cell and Online Grievance Redressal Portal, Student Mentoring Cell, Career Guidance Cell, NSS Cell, for development and enhancement of our students.

- The Library and Information Centre houses about 3424 Titles and 22540 volumes in the various Engineering streams. A Digital Library with internet & Wi-Fi Facilities, extensive video lessons and PowerPoint presentations at the students' disposal. AV classrooms also provide access to subject content and study.

- Web based learning –MOOCs, NPTEL, SWAYAM, FOSSEE and Coursera

**1 LAKH** SQ.FT IN FIVE BLOCKS

**CAREER** GUIDANCE CELL

**NATIONAL DIGITAL LIBRARY**

**WI-FI** ENABLED CAMPUS

**CCTV** SURVEILLANCE

**CENTER OF EXCELLENCE**

# STUDENTS
# ACHIEVEMENTS

**1st PRIZE**
Won 1st prize in CODE-A-THON & PROJECT Expo at FUSION 2020

**6 TEAMS SHORTLISTED**
6 Teams shortlisted from Telangana State and participated in "NASA Space App Challenge 2019" at New Delhi

**DESIGNED ROBOT**
Anuroop K & team successfully designed Robot for delivering medicine to COVID-19 – patients

**DEVELOPED OFFICE SHIELD**
M.Gurudeep & Sanju developed office shield for COVID-19 using blender

**SHORTLISTED FOR INNOVATION INDIA**
A project entitled 'Women safety system and tracking device' using GPS and GSM technology – short-listed for Innovation India by Texas Instruments 2018-19

**2nd PRIZE**
Won 2nd Prize at Hackathon organized by Mozilla 2017

**BRONZE MEDAL**
100 students are certified as Dell EMC Academic Associates

## SILVER MEDAL IN TELANGANA POWER LIFTING ASSOCIATION

ECE-III year Mr.Sahi Rahul bagged Silver medal in Telangana Power Lifting Association at Bajarang Vyayamsala, Hyderabad on 24.01.2021

## 07 STUDENTS' PROJECTS SELECTED

07 Students' Projects selected for Smart India Hackathon 2017 also finalists in 'Smart India Hackathon 2017' organized by MHRD, Govt. of India

# UNIVERSITY
# RANKERS

**2018**
**Salman U Khan**
Mechanical
*Gold Medalist*

**2017**
**Md. Basheer Mohiuddin**
Mechanical Engineering
*Gold Medalist*

**2014**
**Nikhiya Sandhiya**
Mechanical Engineering
*Gold Medalist*

**2013**
**Sachin Dharmini**
EEE
*Gold Medalist*

**2019**
**Shiv Prasad**
Civil
*4th rank*

**2018**
**Md. Hanif Khan**
Civil
*7th Rank*

**2013**
**S. Dinesh Kumar**
Mechanical Engineering
*6th Rank*

# CE CIVIL ENGINEERING

The Department offers the program of Bachelor of Engineering (B.E) in Civil Engineering with a sanctioned intake of 60. The main strength of the department is the team's highly qualified and experienced faculty, including 4 doctorates, who are highly active in teaching as well as in research and development. The department is equipped with excellent and up-to-date laboratory facilities. The department interacts with the industry through the professional societies and has active student chapters of Institution of Engineers (IEI), Indian Association of Structural Engineers (IAStructE) and Indian Green Building Council (IGBC). The department is very active in organizing technical events, industrial visits, workshops, seminars, webinars and conferences for the benefit of students.
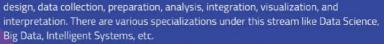
# CSE COMPUTER SCIENCE AND ENGINEERING

The Department offers Bachelor of Engineering (B.E) in Computer Science Engineering with a sanctioned intake of 180 and Bachelor of Engineering in Artificial Intelligence & Data Science with an intake of 180. The department constitutes a group of energetic, experienced and well qualified faculty from industry and academia. The department houses state-of-the laboratories providing hands-on training and thus encouraging them to build major and minor projects. The department has MOU's with many organisations like IIT Bombay Spoken Tutorials, CISCO, DELL-EMC, Oracle University and Coursera, ICT Academy, Moodle Online Learning Platform, thereby helping students to evolve as a Computer Science Professional. The Institution has always kept its target of providing 1:1 computer to the students for hands on experience.

# AI&DS ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

The curriculum exposes students with all aspects of data analytics including research, design, data collection, preparation, analysis, integration, visualization, and interpretation. There are various specializations under this stream like Data Science, Big Data, Intelligent Systems, etc.

This will be achieved by an approach involving rigorous and comprehensive academic course work covering theory, fundamentals and hands-on experience with real-world applications. The curriculum is strongly oriented towards industry and emphasizes industry internship, projects, and entrepreneurship.

# NEW CSE (AI&ML) CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

CSE(AI&ML) offered by the Computer Science and Engineering Department provides the budding engineers with a spectacular array of courses dedicated to frontiers in the field of Artificial Intelligence and Machine Learning (AI&ML) with a foundation of Computer Science & Engg
CSE (AI&ML) deals with the theory and development of computer systems that can perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation and interpretation are formalized as AI.



# EEE ELECTRICAL AND ELECTRONICS ENGINEERING

The Department of Electrical & Electronics Engineering is a strong pillar of our institution since its inception. We are committed to grooming the students to become highly competent industry professionals. The Department of Electrical and Electronics Engineering has eminent and highly qualified faculty with a wide range of experience in research, teaching, training and industry, which helps the students to gain practical knowledge, being an essential ingredient for their future endeavors. The laboratories are the experimenting ground for the inquisitive student development, catering to understand the various theoretical principles developed in the classroom. Various laboratories are DC Machine lab, AC Machine lab, Power and Digital Electronics Lab, Electrical Computer Simulation Lab, Control Systems and CM Lab, Power Systems Lab,etc

# ECE

## ELECTRONICS AND COMMUNICATION ENGINEERING

The Department was established in the year 2008 with an intake of 60 and was later enhanced to 120 in 2010. The technical expertise drawn from industry and academia with an average teaching experience of 6yrs plays a pivotal role in our greater success. Being the fastest growing discipline of Engineering, the domain includes a right blend of Engineering sciences, fundamental sciences and social & human sciences. The department emphasizes on outcome-based education and experiential education through project-based learning. Our well-equipped laboratories provide the essential platform in shaping student's ideas into projects.

# ME MECHNICAL ENGINEERING

The Department offers one under graduate program, B.E in Mechanical Engineering, with an intake of 60 and one Post Graduate Program, M.E with specialization in CAD/CAM with an intake of 18. The department has a team of 23 highly qualified; motivated and experienced faculty with 5 doctorates (PhD). The Department is recognized as "RESEARCH CENTRE" by the Osmania University in the month of March 2018. Currently 6 scholars are pursuing their Ph.D under the guidance of two professors. The department has advanced laboratories helping students to have hands-on experience. The list includes CAD Lab, Thermal Engineering Lab, Hydraulic Machinery Lab, Metrology and Machine Tools Lab, Manufacturing Lab, Applied Thermodynamics Lab, Metallurgy Lab, Mechanics of Materials Lab and Dynamics Lab.

# MBA MASTER OF BUSINESS ADMINISTRATION

The department has emerged as one of the vibrant segments of our burgeoning MCET. Right from its inception the department has been playing a key role in imparting quality education to the student community. The course offerings of the program bring together core management principles with an appreciation and awareness of entrepreneurship and provide extensive engagement to students through hands-on real life experiential learning to imbibe the essence of creating, managing and sustaining enterprises. The Dept conducts national level students activities like Annual Fest, Budding Manager of Telangana, Meth-Honcho 2012, Seminars, Workshops and also FDPs for faculty of MCET.

# H&S HUMANITIES AND SCIENCES

The H&S Department facilitates the transition towards professional courses. The department comprises the disciplines of English, Mathematics, Physics and Chemistry. A blend of experience and enthusiasm, the department plays an instrumental role in moulding students from the first year itself. The objective of the department is to prepare students to face challenges in a globalized world by smarting extensive training in English language and communication skills, Mathematics, Physics and Chemistry that will help them apply their core knowledge to related fields.

# CRAFTING ENGINEERS OF TOMORROW:
## PLACEMENTS

Methodist subscribes to the idea of the employability of its students and hence the college has designed training from 1st year itself. It believes in making them industry ready and fit to take up the challenges posed. Therefore, skill up-gradation is of paramount importance. The Training & Placement Cell is indispensable to the institute. Comprising of faculty members, trainers, and placement officers, round the year training is provided in the areas of employability skills, interview skills, personality development and communication skills honed to perfection to enable students to face campus selection programs.

Training in Soft Skills, Technical Skills, and Reasoning Ability is also offered in addition to value-added courses like GRE, GATE, GMAT, TOEFL, and Spoken English.

**Rakuten** | **Hewlett Packard Enterprise** | **ZopSmart** | **infor**
**planetspark** | **ALTIMETRIK** | **BYJU'S** The Learning App | **ADITYA BIRLA GROUP**
**Rockwell Automation** | **vodafone** | **wipro** | **HCL**
**Hexaware** TECHNOLOGIES | **tcs** TATA CONSULTANCY SERVICES | **Mphasis** The Next Applied | **virtusa**
**Broadridge** | **STIC Soft** | **apps associates** | **LARSEN & TOUBRO**
**infogain** | **Vistex** | **iLenSys** | **TuringMinds AI**
**ttec** | **ZENTREE LABS** | **aspire SYSTEMS** attention. always. | **SKILL LYNC**
**TA DIGITAL** TECHNICAL BLOG | **BrightCHAMPS** | **OutPerform** | **p@cket prep**
**Innominds** | **HCL** | **S&P CAPITAL IQ** McGRAW HILL FINANCIAL | **Netcracker**
| | | **Nav Tech** ELECTRONICS

**CISCO**
**N Sai Dhatri**
CSE-2020 batch
**12.0 LPA**

**QTPL**
**B Akhilesh Prasad**
CSE-2020 batch
**10.0 LPA**

**amazon**
**Piratla Sri Surya Abhishek**
CSE-2018 batch
**28.75 LPA**

**BYJU'S**
**Dheeraj Ganesh**
CSE-2019 batch
**10.0 LPA**

**IBM**
**G Soujanya**
MBA
**6.5 LPA**

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For Admissions Contact:
Mobile : 9000326363, 7799142220

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