# METHODIST
## COLLEGE OF ENGINEERING & TECHNOLOGY
### (AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi, Affiliated to Osmania University)
**Accredited by NBA and NAAC with A+ Grade**

Estd: 2008

Methodist College of Engineering and Technology is committed to providing quality education in engineering and technology, fostering innovation, and nurturing future leaders in the field. Our mission is to impart holistic education that not only equips students with technical skills but also instills in them ethical values, critical thinking abilities, and a spirit of social responsibility.

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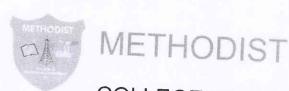
To encourage research culture among faculty and students by establishing state of art laboratories and exposing them to modern industrial and organizational practices

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.

Welcome to the Methodist College of Engineering and Technology Annual Report for the year 2022-23. This report serves as a comprehensive overview of our college's activities, achievements, and progress over the past year.

The primary purpose of this annual report is to provide transparency and accountability to our stakeholders, including students, faculty, staff, alumni, parents, industry partners, and the wider community. It serves as a tool to communicate the

King Koti Road, Abids
Hyderabad - 500 001. T.S. India
Ph : 040 - 24753445, 24755999
E-mail : principal@methodist.edu.in
Website : www.methodist.edu.in

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College Code: **1607**

## Annual Report AY 2022-23

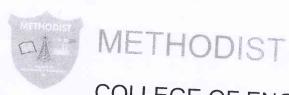collective efforts and accomplishments of our institution in fulfilling our mission and vision.

Methodist College of Engineering & Technology (MCET), under Methodist church In India, is a Non-Minority Educational institution, established in the year 2008 under the leadership of Sri. K Krishnarao, spread over 5.0 acres sprawling campus, situated at Abids, in the heart of the city of Hyderabad. Our institute has been constantly striving to achieve excellence in technical education, and the success of its programs is evaluated using the highest standards of quality, innovation and visibility.

Methodist College of Engineering and Technology received Autonomous status from UGC and Osmania University from the academic year 2021-22 onwards for 10 years. The College has accredited by NAAC with A+ Grade with CGPA of 3.32. Departments of CE, ME, EEE, ECE and CSE have been accredited by the India's top notch accreditation body NBA.

Our institution has a strong focus on academic excellence and research. Having 35% of faculty holding Ph.D. degrees demonstrates a high level of expertise among your teaching staff, and having 35 faculty members currently pursuing Ph.Ds indicates a commitment to ongoing professional development and research.

Additionally, the achievements of our students, with 7 University Gold Medals and 6 university ranks in the last few years, reflect the quality of education and support the students receive at our institution.

Our institute offers a diverse range of engineering courses such as Civil Engineering, Computer Science and Engineering, CSE (AIML), Artificial Intelligence & Data Science, Electronics and Communication Engineering, Electrical and Electronics

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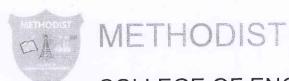Accredited by NAAC with A+ and NBA for UG Courses

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Engineering, ME along with a postgraduate course in business management. Offering specializations like CAD/CAM in the M.E course and OU recognized research center in Dept. of Mechanical Engineering showcase a commitment to both academic excellence and practical application in the field of engineering. With a total intake of 618 students, our institution has the capacity to train and educate a significant number of future engineers and business leaders.

Establishing Centers of Excellence (CoE) in Computer Science and Engineering (CSE), Mechanical Engineering (ME), and Electronics and Communication Engineering (ECE) departments through MoU with organizations like ICT Academy, Dell, and OU TBI (Technology Business Incubator) showcases strong commitment to fostering innovation and excellence in our institution.

The Institution has really invested in providing a top-notch learning environment for its students. Having exclusive blocks for each department, well-equipped computer labs, digital and central libraries, state-of-the-art computer centers, laboratories, and even gyms for both men and women shows a commitment to holistic education and student well-being. Creating such an environment in the heart of the city adds to the accessibility and convenience for students. With these facilities, students have ample resources to excel in their academic pursuits and also maintain a healthy lifestyle.

Our library is well-equipped to serve both faculty and students with a diverse range of resources. With over 23,000 books spanning 3286 titles, along with electronic journals and e-books, there's a wealth of information available. The internet facilities, with a bandwidth of 100 Mbps leased line and 1 Gbps broadband service, ensure that users can access online resources efficiently. Having access to both printed and electronic journals further enriches the research and learning

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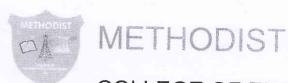
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experience.

Our institution is actively fostering innovation and entrepreneurship among faculty members and students. Having a dedicated cell for innovation and entrepreneurship like IEDC is incredibly beneficial in providing support and resources for faculty members and students to pursue their research interests and translate their ideas into tangible outcomes such as patents and publications. IEDC (innovation and Entrepreneur development Cell) has so far filed 56 patents so far, in which 37 patents have been published and 7 are granted.

With 56 papers in Scopus Indexed journals , 22 in SCI journals and 36 publications in proceedings of conferences, along with an overall h-index of 96 and an i-10 index of 52, our faculty's research output and impact are substantial. Additionally, accumulating over 3000 citations further underscores the significance of our faculty contributions in their respective fields. These metrics reflect not only the quantity but also the quality and influence of their scholarly work.

Our institution has been quite active in fostering professional development and industry-academic collaboration. Organizing five Faculty Development Programs (FDPs) demonstrates a commitment to enhancing the skills and knowledge of faculty members. Additionally, having 214 faculty members attend workshops hosted by various institutions shows a dedication to continuous learning and staying updated on the latest developments in their fields.

The value-added courses organized by the Departments of CSE, ECE, and ME provide additional learning opportunities for students beyond the regular curriculum. Moreover, having 18 faculty members deliver guest lectures at other institutions not

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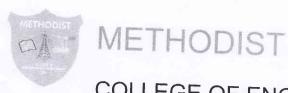only enriches the academic community but also helps in sharing expertise and building networks.

Signing 45 Memoranda of Understanding (MOUs) indicates a strong emphasis on fostering collaboration between our institute and industry partners. This has lead to various benefits such as internships, joint research projects, and technology transfer, ultimately enriching the educational experience and enhancing career opportunities for students.

Overall these initiatives reflect a proactive approach towards academic excellence, professional growth, and industry engagement within our institution.

The Faculty members of this institution have received and being communicated Funded project grants from various funding agencies like AICTE, Department of Science and Technology (DST), towards R&D Projects, workshops, FDPs and Conferences. 07 consultancy activities are being carried out by our Faculty members including GHMC consultancy services.

Our faculty members are actively engaged in research and development projects, workshops, faculty development programs, conferences, and consultancy activities. Have collaborated with funding agencies like AICTE and DST that has provided valuable resources and support for advancing research initiatives and consultancy services, especially in areas like GHMC, has contributed to real-world problem-solving and application of academic expertise. Overall, it seems like there's a vibrant culture of academic engagement and collaboration at our institution

Our faculty members have been quite active in professional development activities

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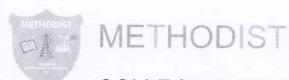
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such as Faculty Development Programmes (FDPs) and taking on leadership roles in seminars, conferences, and Ph.D. programmes. This engagement has not only enhanced their own knowledge and skills but also contributed to the academic community by sharing expertise and serving as examiners for doctoral candidates.

Our management encourages faculty interaction with the outside world and supports their participation in conferences, seminars, and other enlightening programs. Providing financial support for registration fees, travel expenses (TA/DA), and even Ph.D. tuition fees demonstrated a commitment to fostering professional growth and academic excellence among faculty members. This kind of support not only benefited individual faculty members but also enriched the institution as a whole by promoting networking, collaboration, and the dissemination of knowledge.

The academic partnership between the ICT academy and our institution, MCET, has resulted in sustainable development. Training nearly 30 faculty members in emerging new technologies of industries through the ICT Academy demonstrates a proactive approach to staying abreast of advancements in various fields. This partnership not only benefited our faculty but also has a ripple effect on our students, as faculty members can integrate their newly acquired knowledge into their teaching, thus enriching the learning experience and preparing students for the demands of the modern workforce. Such collaborations are vital for ensuring that educational institutions remain dynamic and relevant in an ever-evolving world.

The Colleges has a strong alumni network of over 4000+ that can be incredibly valuable for current students and recent graduates. A strong alumni network provides opportunities for networking, mentorship, and even job placement. Having so many alumni in top positions indicates that our college has a track record of

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producing successful professionals. It's a testament to the quality of education and the connections students make during their time at the college.

## TRAINING & PLACEMENTCELL:

Methodist College of Engineering and Technology has a training and placement cell that focuses on assisting students with their career development and finding employment opportunities.

Our training and placement cell organizes various training programs to enhance students' skills and make them more employable. Also, it builds and maintains relationships with companies and industries to facilitate internship opportunities, campus recruitment drive and industry visits for students. Further, it provides soft skills, communication skills, and technical skills with the support of Talentio solutions pvt. Ltd., starting from $2^{nd}$ year B.E onwards. In addition, it coordinates with companies to organise campus placement drive.

Training and placement cell under the TPO acting as liaison between institute and industry, to conduct campus interviews for our students. During AY 2022-23, more than 24 companies have visited our campus for recruitment and more than 175 students have been placed in product based software development, IT, ITES and Core organizations.

Overall the training and placement cell of our college acts as a bridge between the academic world and the professional world, helping students transition smoothly from their education to their careers.

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### Effective Mentoring Cell:

Methodist College of Engineering and Technology has created an effective mentoring cell, which has greatly benefited students by providing them with guidance, support, and resources to navigate their academic and personal development

We have established a clear organizational structure with defined roles and responsibilities for mentors and mentees. Also, a dedicated coordinator is available in the College along with a team to oversee mentoring. The college has mentors from faculty, who possess relevant expertise and are committed to supporting student success.

A group of mentees is allotted to a mentor with a mentor to mentee ratio of 1:19. Separate mentor books are being maintained for each student from 1st to final year.

### NATIONAL SERVICE SCHEME (N.S.S.)

Our NSS cell aims to foster a sense of social responsibility, promote national unity, and provide opportunities for youth to engage in meaningful activities such as Swachh-Bharat initiatives, tree plantation (Haritha-Haram) activities, blood donation camps, awareness programmes on Pulse Polio Vaccination Campaign, free health Checkup camp, International Yoga Day, International Womens day, etc. that benefit the society.

Overall, the National Service Scheme serves as a platform for youth to make a positive impact on their communities while also fostering personal growth and development

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899 Students have participated in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year 2022-23

**SPORTS:** The sports activities were conducted like Football, Cricket, volleyball, throw ball, Tennikoit, Tennis, Carom, Chess etc., nearly, 1056 students were participated in all these sports which were conducted without disturbing regular academic activities.

For our staff members, we have organised some sports and games such as Cricket Throw ball, Tennicoit, Tennis, Carom, Chess etc. Most of the staff members have participated and won the awards.

Our students have represented in various university /national and state sport competitions, nearly 24 students of our college participated and won awards.

To conclude, on this occasion, I wish to record my sincere appreciation for the excellent cooperation extended by our correspondent, and all the HoDs, Faculty, Training and Placement Team, Staff members of our institute.

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