



**INSTITUTIONAL ASSESSMENT AND ACCREDITATION
(Effective from July 2017)**

Accreditation - (Cycle - 1)

**PEER TEAM REPORT ON
INSTITUTIONAL ACCREDITATION OF
METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**

**Hyderabad
Telangana
500001**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA**

Section I:GENERAL INFORMATION

1.Name & Address of the institution:	METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY Hyderabad Telangana 500001	
2.Year of Establishment	2008	
3.Current Academic Activities at the Institution(Numbers):		
Faculties/Schools:	2	
Departments/Centres:	6	
Programmes/Course offered:	8	
Permanent Faculty Members:	145	
Permanent Support Staff:	51	
Students:	1939	
4.Three major features in the institutional Context (Asperceived by the Peer Team):	1. Affiliated to Osmania University 2. Located Centrally 3. Dynamic and proactive Management	
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	From : 04-02-2021 To : 05-02-2021	
6.Composition of Peer Team which undertook the on site visit:		
	Name	Designation & Organisation Name
Chairperson	DR. PREETI BAJAJ	Vice Chancellor,Galgotias University
Member Co-ordinator:	DR. KEMPAIAH U N	Professor,BANGALORE UNIVERSITY
Member:	DR. URMIL DAVE	Professor,SCHOOL OF ENGINEERING INSTITUTE OF TECHNOLOGY NIRMA UNIVERSITY
NAAC Co - ordinator:	DR. VINITA SAHU	

Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrics of the key Indicator under the respective criterion (This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrics(QIM) in Criterion1)	
1.1	Curricular Planning and Implementation
1.1.1 QIM	The institution ensures effective curriculum delivery through a well planned and documented process
1.2	Academic Flexibility
1.3	Curriculum Enrichment
1.3.1 QIM	Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum
1.4	Feedback System

Qualitative analysis of Criterion 1

- The institute has its own calendar within framework of the University.
- The implementation of the curriculum is planned by the academic committee including the schedules of curricular, co-curricular and extra-curricular activities
- The Faculty prepares the lesson plan, course objectives, course outcomes (COs) and course articulation and program articulation matrix for the related courses.
- Every class is assigned with a class coordinator, who is responsible for the academic matters like display of monthly attendance and internal marks, alternate class-work adjustments etc, hence facilitating smooth conduction of class-work.
- Affiliated but extra efforts are taken to offer skilled courses, value addition
- To bridge the gap in the curriculum, departments arrange the guest lectures, seminars etc.
- Institute is having class review committee (CRC) to monitor the effective delivery of curriculum.
- The institute is having student chapter of Vivekananda Institute of Human Excellence, Ramkrishna Math in order to imbibe human values and professional ethics among the students and the faculties.
- Institution houses women empowerment cell to resolve issues related to gender equality and women safety.
- The Institute has structured feedback from students and other stakeholders on curricular gaps and gives recommendations time to time to the university.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)	
2.1	Student Enrollment and Profile
2.2	Catering to Student Diversity
2.2.1 QIM	The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners
2.3	Teaching- Learning Process
2.3.1 QIM	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
2.3.4 QIM	Innovation and creativity in teaching-learning
2.4	Teacher Profile and Quality
2.5	Evaluation Process and Reforms
2.5.1 QIM	Reforms in Continuous Internal Evaluation(CIE) system at the institutional level
2.5.2 QIM	Mechanism of internal assessment is transparent and robust in terms of frequency and variety
2.5.3 QIM	Mechanism to deal with examination related grievances is transparent, time-bound and efficient
2.5.4 QIM	The institution adheres to the academic calendar for the conduct of CIE
2.6	Student Performance and Learning Outcomes
2.6.1 QIM	Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students
2.6.2 QIM	Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution
2.7	Student Satisfaction Survey

Qualitative analysis of Criterion 2

- The institute follows the academic calendar of events to conduct the CIE activities.
- Students identified as advanced learners are supported to enhance their technical and communicational skills. Slow learners are provided with remedial classes and tutorial classes.
- Assessment of student learning levels is done in the first year to identify the slow learners and advanced learners. During entry-level students learning levels are assessed based on the common entrance examination performance, namely the EAMCET rank and the Intermediate/CBSE/ISC marks. During the induction program held in the Institute for first three weeks, a diagnostic test on basic Mathematics, Physics, Chemistry, general analytical and reasoning aptitude is conducted.
- Good Student - Full time teacher ratio.
- Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are disseminated to all the stake holders.
- Attainment of POs, PSOs and COs are evaluated by the institution and remedial measures are initiated to achieve the set target levels.
- The institute encourages the faculties to attend the FDPs to enhance the subject domain knowledge in their field of teaching.
- Teachers have developed few video lecture modules for innovative learning.
- The institute follows norms prescribed by the University to award CIE marks by following CBCS system.
- The institute follows the University norms and procedures to address the exam related grievances

within the prescribed period.

- The institute examination section coordinates with the University through the Chief superintendent of the Institute.
- The innovation in teaching learning has taken place. Good support given during epidemic through Microsoft teams. Cisco academy has been set up for skilling.
- Continuous assessment is there for theory and practicals

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Criterion3 - Research, Innovations and Extension (Key Indicator and Qualitative Metrics(QIM) in Criterion3)	
3.1	Resource Mobilization for Research
3.2	Innovation Ecosystem
3.2.1 QIM	Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge
3.3	Research Publications and Awards
3.4	Extension Activities
3.4.1 QIM	Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years
3.5	Collaboration

Qualitative analysis of Criterion 3

- Institute has IEDC and IPR cell through which innovative research activities and entrepreneurship development activities are conducted to motivate and inculcate ecosystem for the students community.
- The institute has set up the Research Center to facilitate the research in frontier areas.
- The institute has got four patents granted and eleven more have been published.
- The institute has MoU with VIHE to conduct various extension activities related to human values and awareness in the neighbor community.
- Mechanical Engineering department is Approved Research Center of Osmania University for Doctoral Research. At this center, 8 students have registered under 2 university recognized guides. Total 6 guides are recognized by Osmania University in various disciplines.
- few Faculties have received Research Awards.
- One faculty has received 71 lacs SERB grant from DST and many other grants are fetched by faculties of the Institute.
- Through NSS unit of the institute, various extension activities such as Swacch Bharat Programme, Tree plantation, Blood donation and Supply of charity materials to needy people, etc. are conducted.
- Around 300 publications have been published in various journals and conferences.
- Around 18% faculties are with PhDs and another 20% are persuing PhD.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)	
4.1	Physical Facilities
4.1.1 QIM	The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.
4.1.2 QIM	The institution has adequate facilities for sports, games (indoor, outdoor),gymnasium, yoga centre etc., and cultural activities
4.2	Library as a Learning Resource
4.2.1 QIM	Library is automated using Integrated Library Management System (ILMS)
4.2.2 QIM	Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment
4.3	IT Infrastructure
4.3.1 QIM	Institution frequently updates its IT facilities including Wi-Fi
4.4	Maintenance of Campus Infrastructure
4.4.2 QIM	There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Qualitative analysis of Criterion 4

- Institute has infrastructure facilities as per the AICTE and University requirements.
- Institute has prerequisite laboratories, equipments, sufficient computer systems with networking facilities with back-up power supply as per requirement of University.
- Institute has multi-purpose playground including facilities for basketball, volleyball, shuttle badminton court and Gymnasium with modern fitness equipment.
- Institute also has indoor games facilities. The students are encouraged for practicing in various events like dance, drama, singing, etc. under the supervision of faculty members.
- The library is automated using EasyLib integrated library Management System and Client Server Module and has 22357 books.
- There is health center, Well Equipped Seminar Hall.
- Software requirement of the institute are constantly addressed by procurement of upgraded version from Dream Spark software to Microsoft Volume Licensing as per AICTE Recommendations.
- Institute has around 725 PCs connected to LAN.
- Institute has sufficient internet and wi-fi facilities.
- Institute has established a systematic procedure to maintain all physical infrastructure like Laboratories, Computers, campus, garden, sports ground and other amenities. etc. through various committees.

Criterion5 - Student Support and Progression (Key Indicator and Qualitative Metrics(QIM) in Criterion5)	
5.1	Student Support
5.2	Student Progression
5.3	Student Participation and Activities
5.3.2 QIM	Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution
5.4	Alumni Engagement
5.4.1 QIM	The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Qualitative analysis of Criterion 5

- The Institute has good number of scholarships through State Government under freeship and also around 1000 students are getting scholarships by various means.
- Institute has created number of committees /cells for the smooth conduct of all the academic cum administrative cum cultural and student welfare activities.
- Above said committees meet periodically, discuss the related issues to pass the resolutions.
- Above said resolutions are submitted to the Principal/Director for the approval.
- The students counselling and mentoring cell supports to the students in their career development and professional growth.
- There is a dedicated sports department and Cultural In-charge for proving various opportunities for holistic development of the students. The department works outside the working hours.
- The Institute has many university and National color holders for various sports.
- The dedicated placement cell exists in the campus. Around 35% students are placed through campus and another 35% by off-campus. The packages are good for IT companies.
- Institute has officially registered Alumni Association and few non-financial activities are carried out through this association.

Criterion6 - Governance, Leadership and Management (Key Indicator and Qualitative Metrics(QIM) in Criterion6)	
6.1	Institutional Vision and Leadership
6.1.1 QIM	The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution
6.1.2 QIM	The institution practices decentralization and participative management
6.2	Strategy Development and Deployment
6.2.1 QIM	Perspective/Strategic plan and Deployment documents are available in the institution
6.2.2 QIM	Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism
6.2.4 QIM	Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions
6.3	Faculty Empowerment Strategies
6.3.1 QIM	The institution has effective welfare measures for teaching and non-teaching staff
6.3.5 QIM	Institution has Performance Appraisal System for teaching and non-teaching staff
6.4	Financial Management and Resource Mobilization
6.4.1 QIM	Institution conducts internal and external financial audits regularly
6.4.3 QIM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.5	Internal Quality Assurance System
6.5.1 QIM	Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes
6.5.2 QIM	The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms
6.5.5 QIM	Incremental improvements made during the preceding five years (<i>in case of first cycle</i>) Post accreditation quality initiatives (<i>second and subsequent cycles</i>)

Qualitative analysis of Criterion 6

- The institute has active, dynamic and Visionary Management.
- The institute leadership team at all level is also active.
- The vision and Mission is well drafted and percolated at all levels.
- The institute constituted the Governing Body adhering to the norms of the statutory bodies like AICTE and Osmania University. Meetings are regularly conducted and minuted. The GB has representation of University.
- The statutory bodies oversee and plan budget resources, review progress and formulate the mechanism to all the department level/college level committees for effective and smooth functioning of the activities.
- There are few mandatory committees constituted such as Anti-ragging, Internal complaints, SC/ST welfare, Grievance redressal cell, etc.
- During 2018-19, the IQAC of the institute is constituted to oversee and guide and the effective

implementation of all quality measures in the institution in tune with its vision and mission.

- Principal while adhering to the decision of the governing council decentralizes the academic and the administrative matters.
- The institute has a well-defined strategic plan.
- The faculties have position in various university bodies.
- The institute has made good provisions of budget and does internal and external financial audit regularly.
- Appointment of faculty is conducted as per the statutory norms.
- Institute has service rules manual and is displayed on the website.

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Criterion7 - Institutional Values and Best Practices (Key Indicator and Qualitative Metrics(QIM) in Criterion7)	
7.1	Institutional Values and Social Responsibilities
7.1.2 QIM	<p>1. Institution shows gender sensitivity in providing facilities such as:</p> <ol style="list-style-type: none"> 1. Safety and Security 2. Counselling 3. Common Room
7.1.5 QIM	<p>Waste Management steps including:</p> <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • E-waste management
7.1.6 QIM	Rain water harvesting structures and utilization in the campus
7.1.7 QIM	<p>Green Practices</p> <ul style="list-style-type: none"> • Students, staff using <ol style="list-style-type: none"> a) Bicycles b) Public Transport c) Pedestrian friendly roads • Plastic-free campus • Paperless office • Green landscaping with trees and plants
7.1.18 QIM	Institution organizes national festivals and birth / death anniversaries of the great Indian personalities
7.1.19 QIM	The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions
7.2	Best Practices
7.2.1 QIM	Describe at least two institutional best practices (as per NAAC Format)
7.3	Institutional Distinctiveness
7.3.1 QIM	Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Qualitative analysis of Criterion 7

- Institute takes care of safety and security of the students in the entire campus by installing CCTV cameras.
- Institute has anti-ragging and discipline committees including ICC.
- Institute has separate rest rooms and common rooms for the boys and girls.
- To attend the emergency health issues, the institute has established a medical Centre looked after by a lady doctor and has also tie-up with a local hospital.

- NSS unit of the institute conducts the Swachh campus campaign periodically.
- As the institute is located in the Centre of the City, the solid waste and liquid waste management is being linked with the procedure laid by Municipal authorities.
- Institute has MOU for E-waste and the institute has also an agreement with the separate agency which collects the e-Municipalrom periodically.
- Institute has created some facility for Rain water harvesting.
- The institution is centrally located in the city, the students and the faculties are encouraged to use the public transports and the bicycles.
- The institute has well-laid connecting roads within the campus.
- All buildings has the facilities of the elevators.
- Social media is used for mentoring the students by the faculties.
- Institute organizes national festivals and anniversaries of the great Indian personalities.
- Institute also celebrates National science day and National youth day regularly
- Fees collection from the students and the payment of salaries are made through SBI e-commerce portal.
- Institute follows transparency in academic functions by displaying the academic information on the institute website.
- Institute follows transparency in conducting internal examinations by showing the answer scripts after evaluation and grievances if any are attended by the HoD whenever is necessary.
- Two best practices claimed by the institute are: Student Mentoring and Continues Evaluation.
- Student mentoring is done by allocating 20 students for each faculty by maintaining the details of the activities in the standard format. First year students are being monitored by humanities department. Second year onwards, the students are being monitored by the department faculty members wherein the same mentor being continued for three years so that he/she can understands the psychological behavior and attitude of the mentee.,
- In continuous internal evaluation, each laboratory experiment is evaluated separately by the faculty and average of all experiments is considered as final marks for laboratory component. It elaborates the importance of practical evaluation in Engineering.
- In line with the vision of the institute, the institute gives importance to inculcate human values and life long learning for sustainable contributions to the society.

Section III: OVERALL ANALYSIS based on Institutional strengths, Weaknesses, Opportunities & Challenges (SWOC) (up to 500 words)

Strength

The institution has great scope to become one of the good Colleges in the region.

Institutional Strength :

- Centrally located Campus
- Proactive and dynamic Management
- Good Faculty Retention
- Good infrastructure
- Strong support in Academics

Institutional Weakness :

- Limited collaboration with industries
- Limited students development opportunities and activities other than academics
- Limited Alumni contribution
- Lack of ERP
- Limited academic flexibility because of affiliated system
- Limited Research, Consultancy & Industrial interaction
- Limited publication in peer reviewed and indexed journals of repute
- Limited exposure of students and faculty

Institutional Opportunity :

- Developing skills to meet the local needs and global competencies
- Harnessing potential of faculty and students to intensify a strong research climate through funded research projects in multi-disciplinary domain
- More collaboration for study and research both at the National and International levels with industries and research Organisations
- Exercising Employability enhancement programs by setting up e-cell and Incubation center by local tie ups and funding
- Strengthening bond with Alumni
- Enhancing industry institute interaction and having more active MOUs
- Increasing number of qualified students in various competitive exams
- Encashing the locational advantage for being center of the IT Hub in improving the placement with high packages

Institutional Challenge :

- Attracting students with good ranks
- Competition from other colleges and private Universities
- Retaining good faculties
- Dependency on University and State Government
- To cope up with upcoming technology, expectations of the stakeholders

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to **ten major ones** and use telegraphic language) (It is not necessary to indicate all the ten bullets)

- Establishing Dean structure like dean III, Academics, Research etc and strengthening Industry bond and more collaborations/MOUs and extension activities
- More Participation of students and faculties in the Self learning / various MOOCS to supplement the subject domain knowledge
- To Create more professional active societies in the campus
- To bring out periodical newsletter of the institute covering all the activities and making stakeholders aware about the college updates
- The training and placement cell must be more aggressive in bringing high paying companies to the campus, and to organise various training since first year in the soft as well as subject domain. Availing opportunities for core companies through internships and other collaborative arrangements
- Appointing retired professors from eminent organisations as adjunct professors
- Establishment of Innovation and Incubation Centre would encourage students to get into entrepreneurship specially on local skills and businesses. Setting up Innovation policy participating in Hackathon's , setting up IIC would benefit the students and community at large.
- Institutional participation in NIRF and ARIAA awards, SIH and other National initiatives/events

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution

Seal of the Institution

Sl.No	Name		Signature with date
1	DR. PREETI BAJAJ	Chairperson	
2	DR. KEMPAIAH U N	Member Co-ordinator	
3	DR. URMIL DAVE	Member	
4	DR. VINITA SAHU	NAAC Co - ordinator	

Place

Date

NAAC