



MOHAMED SATHAK
ENGINEERING COLLEGE
KILAKARAI, RAMANATHAPURAM DIST.
Approved by AICTE, COA NewDelhi , DGS Mumbai, Affiliated to Anna University, Chennai.
(Sponsored by Mohamed Sathak Trust, Chennai - 06.)



STRATEGIC PLAN OF MSEC



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PREAMBLE

At this institution, it is believed that Education triumphs over everything else. The infrastructure and equipment are constantly upgraded, providing opportunities to the faculty and the students to enhance their skills continuously. The institution aims at preparing the students to be great problem solvers, project leaders, communicators, and ethical citizens of a global community. The college has well qualified, committed and dedicated faculty and is supported by hard working, devoted technical & non-technical staff. The college also has well equipped laboratories with sophisticated equipment.

Phenomenal Growth & Trust

The institution has achieved remarkable growth since its inception and has grown from strength to strength under the dynamic leadership of our management. In addition to Graduate Engineering (B.E,B.Tech) the institution has been approved to run Post-graduate (M.E,M.Tech) programmes.



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Competing with Global Standards

Under the visionary leadership of our institution, the institution competes with global standards. An important step towards the same is a Cross Collaboration with several companies and other institution that enables exchange of students and faculty among the institutions, joint projects, research, etc

Remarkable Achievements

The institution has recorded high pass percentage and the students of the institution are getting University ranks and GATE ranks every year. The institution not only believes in academic excellence but also in mental, physical and emotional well-being of the students and faculty. The students are encouraged to excel in co-curricular and extra-curricular activities as well. Many students have excelled at National and Regional technical meets and won several prizes.



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Training & Placements

Placement Training is a unique strength of this institution. The trainers, with their vast and rich experience, train the students on Employability and Personal Development skills from the second year of under-graduation itself. Placement Training is customized to meet the needs of the students as well as expectations of the industry.

Physical Infrastructure - Highlights

- Our Institution is an ISO 9001:2020 certified Institution. Main motto of our College is Eco friendly, Socially responsible and industry centric Campus.
- Aesthetically designed buildings with spacious, well-ventilated and well-furnished classrooms and laboratories. Well-equipped laboratories with the latest equipment and continuously upgraded based on requirements.
- E-learning classrooms in every department to use technology and modern teaching methods to train the students more effectively.



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- Library with latest collection of volumes. In addition, an exclusive Digital Library.
- Seminar hall of capacity 350 in each department, all are equipped with digital projectors and audio systems for in-house training sessions and association activities.
- Collaboration with AP State skill development centre for training and placement of our students
- MOU with several companies, establishing a lab with latest software and offering training for the faculty and students. Some of the students will be offered with placements. For Mechanical MOU with NIT, Trichy has signed and further program has been conducting for the good of student and faculty.
- A 2000-capacity of auditorium for major activities such as competitions, annual functions and celebrations.
- Dedicated infrastructure to host campus selection drives.
- Air-conditioned computer laboratories with brand new computers with latest configuration.



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- Wi-Fi all over the campus. Exclusive hostels for girls and boys with modern facilities.
- A hygienic canteen within the campus catering to the needs of the students and the staff at concessional prices.
- Maintaining RO plant for supplying drinking Mineral water throughout the campus.
- Spacious playgrounds for extra-curricular development of the students.
- Excellent bus connectivity to all over the district.
- MSEC having integrated lands for cultivation of Vegetables without using any pesticides and using organic fertilizer developed by our faculties.
- With all that said above, undeniably, our college of engineering is a great place for an aspiring youngster to hone his/her skills and pave the way for a bright and successful future.

MSEC PHYLOSOPHY

All praises are to God Almighty. The Charitable Mohamed Sathak Trust was started in the year 1973



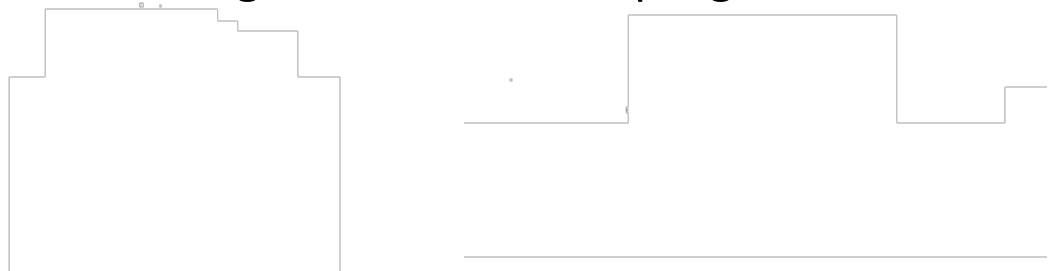
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by Five brothers and Four brother-in-laws in the loving memory of their father Janab. Mohamed Sathak Thampy, who was the Jameen of Mayakulam and the surrounding region and later on as the President of the Kilakarai Panchayat Union for several times. The aim of the Trust was to promote Technical Education and train the students to cope with the technological needs of the day.

Initially, the Trust was offering scholarships to poor students for their education. In the year 1980, their first institution Mohamed Sathak Polytechnic College was established and the Mohamed Sathak Engineering College (MSEC) was started in the year 1984 as the very first Self finance Engineering College in the State of Tamil Nadu (G.O. Ms.No.1088, Education dated 21.08.1984).

It was started with 3 Programmes and now we are running successfully 10 Under Graduate and 10 Post Graduate Programmes. All programmes are





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approved by AICTE and affiliated to Anna University, Chennai. The Marine Engineering programme is approved by Director General of Shipping (DGS) and Architecture programme is approved by Council of Architecture (COA), New Delhi.

Institute Vision:

To be an institution of repute and rare creativity in providing quality education with technical endeavour and research opportunities of very high standards to the students, who in turn shall contribute to the advancement of the society and human kind.

Institute Mission:

M1: To provide quality education to the students across the country





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M2: To motivate them to acquire skills and disseminate knowledge

M3: To achieve academic and professional excellence

M4: To offer the frontline facilities and sophisticated environment

M5: To endow with expertise faculty by providing opportunity to promote the students skills and knowledge

Quality Policy

- To become a Premier Institute of National Repute by Providing Quality Education, Successful Graduation, Potential Employability, and Advanced Research & Development through Academic Excellence.
- To Develop and Make Students Competent professionals in the Dynamic Environment in the field of Engineering, Technology, and Management by emphasizing Research, Social Concern, and Ethical Values through Quality Education System.



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Core Values

- Technology based education
- Industry Interaction
- Eco Friendly Campus
- Community Development
- Global Vision





Strategic plan and deployment

S.NO	Objectives	CURRENT STATUS/ACTION PLAN
1	To get NAAC Re-accreditation for top ranking	<ul style="list-style-type: none"> Accredited for the year 2019-2024 IIQA Submitted for re- accreditation on sep-2022
2	To get NBA accreditation for eligible departments	<ul style="list-style-type: none"> Got NBA for CIVIL,CHEMICAL,EEE,MECH
3	To get better Institutional ranking	<ul style="list-style-type: none"> Recognized by ARIIA Participated in NIRF
4	To achieve academic excellence through Curriculum development	<ul style="list-style-type: none"> Value added courses has been conducted
5	To improve the academic skills and knowledge through Teaching and learning	<ul style="list-style-type: none"> Taking various steps to improve the T&L process like advising to attend online courses, giving innovative project topics to the students.
6	To enrich the Research and development activity	<ul style="list-style-type: none"> Incubation center, COE has been established and developing projects through it. Encouraging staffs by providing incentives based on their research activities.
7	To conduct the Examination in a smooth manner	<ul style="list-style-type: none"> Conducted 3 internal assessment tests and model exam followed by the rules as well as the academic calendar
8	To develop the Library, ICT Infrastructure/Instrumentation	<ul style="list-style-type: none"> Purchased new books for library and renewed the e-journals subscription. Purchased instrument for infrastructure.