INSTITUTE CODE
MET
Since 2002

www.metsengg.ac.in

MET'S SCHOOL OF ENGINEERING
2002

MET'S
SCHOOL OF ENGINEERING

Two Decades of Academic Excellence

MET'S GROUP OF INSTITUTIONS

MET is the acronym for Mala Educational Trust established in 2001. The Trust consists of eminent persons who include Educationists, Doctors, Engineers, Lawyers and Businessmen hailing from the district of Thrissur, Kerala. MET'S Group of Institutions covers a wide variety of professional courses conducted by MET'S School of Engineering & MET'S College of Advanced Studies. The purpose of running such two professional Institutions is to bring the benefits of technical education to the rural population of Mala and its surrounding areas in particular and to the State of Kerala, at large. Built over a sprawling 28 acre lush green land, the Campus has a built up area of 2½ lakhs square feet. The serene and exquisite landscaping enhances the conduciveness of the place to academic pursuits and research activities. MET'S Campus is an ideal blend of the rural and urban features. The Campus is surrounded by hills and valleys which abound in the lush greenery of the woods resonating with melodies of the chirping birds. The Athirappilly Water Falls, Entertainment and Amusement parks like "Dream World" and "Silver Storm", are only a few kilometers away from the Campus. Access to the Campus is easy by air, rail and road. Kochi International Airport, Nedumbassery is at a distance of around 20 km. Railway Station on either side, Chalakkudy and Angamaly, make the place easily accessible by train. NH47 and NH17 lie equidistant from the campus. Thus, nestled away from the cacophonic din of the urban life, the Campus is having easy accessibility to various towns and cities while maintaining the proverbial via media or the golden mean between urban luxury and rural serenity.

MET'S
SCHOOL OF ENGINEERING

MET'S School of Engineering is a self-financing, Christian-minority Professional College established by Mala Educational Trust (MET) in 2002. It is accredited by the All India Council for Technical Education (AICTE), New Delhi and is affiliated to A P J Abdul Kalam Technological University (APJAKTU). The College has been awarded ISO Certification 9001-2008 by NQA (UK), testifying to its very high standards of infrastructure facilities including Labs and Libraries, excellent Faculty, academic brilliance, training and placement. The entire College campus has been provided with Wi-Fi facility.

B-Tech

Biotechnology Engineering
Computer Science and Engineering
Mechanical Engineering

Civil Engineering
Electronics and Communication Engineering
Electrical and Electronics Engineering

M-Tech

Bioprocess Engineering
Cyber Security

Computer Science and Engineering
VLSI Design

Vision

Our vision is to have quality education in a multiethnic environment; to take up challenging issue in the areas of education like:

- **Sowing the seeds of Learning**
- **Ensuring the Development of skills**
- **Grooming the Talents**
- **Igniting the Minds and Building strong foundation**

Mission

MET'S aims at equipping the students with in-depth knowledge and cognitive skills for them to excel in a prominent society and to meet its challenges.

"Come... Let's frame your future in METS"

MET'S School of Engineering is a scholastic fraternity of those devoted to the motto of perfection and service. It has become a pioneering Institution with great reputation for high quality education. We focus on the holistic development of the students to realize their hidden potentials and thereby to make the world a better place to live in. So build a right attitude to seek, to strive and not to yield. As the Chairman of this College, I urge you to make the best possible use of all the facilities available here. I welcome all to be a part of our team.

Dr. Shaju Antony Aynikkal, MD
Chairman, Mala Educational Trust (MET)

We firmly hold on our two priorities: Providing quality and rigorous academic program and Fostering a strong sense of social commitment, which are attained through the exciting curriculum as well as the various club activities provided in our campus. Our commitment at METS is to provide a safe and intellectually challenging environment which empowers the students to become innovative and creative nation builders with strong human values. Whole hearted welcome to our campus which frames the future techies.

Dr. P. Suresh Venugopal ME, PhD,
[MIE, MIEEE, LMISTE, LMIETE, MIAENG]
Principal, MET's School of Engineering

Facilities

- Excellent Campus Infrastructure
- English Communication Lab
- College Hostel
- Auditorium
- Seminar Halls
- Centre Library and Information Centre
- Co-operative Store
- Well Equipped and Furnished Lab
- Well Furnished and ventilated Classrooms
- Drawing Halls
- Conference Halls
- Audio Visual Room
- College Canteen
- Cafeteria
- Transport facility
- IEDC Cell
- Training & Placement Cell
- Sports & Games Facility
- Digital Information Center

Highlights

- Excellent Placement Records
- Job Oriented Add-on Courses
- Secured Various University Ranks
- Ongoing Government Funded Projects
- Vibrant students clubs/cells
- Soft Skill and Communication Training
- Training for Higher Education (GATE, CAT, IAS, etc...)
- Personality Enhancement and Counselling Cell
- Centre of excellence for Research and Training
- Wifi enabled campus
- Student Startups
- Residential Remedial Coaching
- Scholarship Assistance
- Regularity and Academic Assessment System

Best Practices & Values

Deep faith in the almighty

Priority to people

Achievement through team work

Openness to what is the best and the latest

Social relevence and commitment

Constant upgradation and innovation

Regular mentoring activities

·Efficient parent teachers relationship

Win-win concepts

Active learning strategies

BIOTECHNOLOGY ENGINEERING (BTE)

Biotechnology Engineering is an emerging field in Engineering that utilizes technology for the advancements in Microbiology, Tissue Culture, Biochemistry etc. It opens wide opportunities for the students to work in areas like Pharmaceutical, Bioinformatics, Bioprocessing Industries and Quality Control Departments. This Engineering branch also moulds the students capable of becoming entrepreneurs to start biotech industries. This B.Tech Programme covers highly trendy areas like Microbiology, Biochemistry, Genetic Engineering and Particle Technology. METS have an efficient "Centre for Biotechnology" along with Animal House and Tissue Culture Lab to execute the academic and research ideas arising from Students and Staffs.

B.Tech

CIVIL ENGINEERING (CE)

Civil Engineering is one of the core Engineering disciplines which deals with the design, construction and maintenance of the physical and naturally built environment such as Buildings, Roads, Bridges, Dams, Airports etc. Civil Engineering activities takes place in the public sector from the local bodies to the national level and in private sector from individual dwelling units to the projects with international companies. Civil engineers are employed in various Government sectors such as Railways, PWD, Water Authority CPWD, Border Roads Organization etc and also find excellent career opportunities in the Private Sector both in India and abroad. In METS, the Civil engineering Department comprises of well qualified and trained team of faculty members including persons with vast industrial experience. In order to ensure high standards to students and to supplement their theoretical knowledge, the department is having well equipped and modern laboratories with Total Stations, Spectrophotometer, Water Quality Analyzer, UTM, CBR testing machine etc. METS have the facility to certify the compressive strength of concrete, bricks etc for outside clients and to conduct various water quality tests.

COMPUTER SCIENCE AND ENGINEERING (CSE)

With the widespread use of Computers, Computer Engineers can find employment in almost any area of the industrial sector and in defense and research establishments. They can work with national and multinational manufacturers of computers. Computer Engineers work with one of the most important office automation products – computers - in an expanding technological field. Computer Engineers design the computer and its control systems (the hardware) and also develop computer programmes (the software). They are constantly engaged in improving the end product and building the state-of the-art equipment-super computers, multimedia machines, graphic terminals, laser and inkjet printers, Pentium based machines, etc. The development of systems software and software for scientific and industrial applications is an important component of the course, as also training in hardware development.

MECHANICAL ENGINEERING (ME)

Mechanical Engineering is a core Engineering branch that derives its breadth from the need to design and manufacture everything from small individual parts and devices like sensors to large units like engine system. The role of a Mechanical Engineer is to take a product from an idea to the marketplace. Mechanical Engineers have wide job opportunities in industries such as Automotive, Aerospace, Biotechnology systems, Computers and Electronics, Micro Electro Mechanical Systems (MEMS), Energy conversion, Environmental control, Robotic automation, Manufacturing, Microfabrication etc. At METS, Department of ME have well-equipped laboratories like Thermal Engineering lab, Manufacturing Technology lab, Fluid Mechanics and Machinery lab, Metallurgical lab, Instrumentation lab, CNC lab and CAD lab to fulfill the academic requirements and to conduct research activities funded by state and central Government.

ELECTRICAL AND ELECTRONICS ENGINEERING (EEE)

Electrical and Electronics Engineering is one of the core and fastest growing Engineering field that involves the study and application of high power Electrical systems and low power Electronic systems. It is the most interesting branch of Engineering as it involves design and implementation of the technologies coming under the wide areas like Computer Science, Electrical domain, Electronics and Communication Systems etc. At METS, EEE Department delivers high academic excellence by imparting quality teaching, carrying out Research and Technology development in frontier areas of Electrical Engineering. The department aims at molding Electrical Engineers with strong theoretical foundation, good design experience and exposure to R&D funded by the State and Central Government with the support of well qualified and experienced Faculty team and higher-end laboratories.

ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

B.Tech in ECE is a perfect blend of Science and Applied Mathematics with Technologies, which immediately addresses the areas of Design, Research, Testing and Consumable Electronics. Digital Signal Processing, Satellite Communication, Embedded Systems, Mobile Computing and IoT, which comes under this Engineering, reduces the distance between society and various automation technologies. Diversity in course contents develops the students to fit to multi-faceted fields in Engineering. Revolution in Information Technology and advancement in Consumer Electronic systems assure continuous industry development thereby ensuring the sustained growth in both Research and Job opportunities. At METS, ECE Department is equipped with latest labs and facilitated with highly qualified and experienced Faculty members.

Our Recruiters

The Placement Cell of the College closely monitors employment opportunities for our students in India and also abroad. Placement cell is in constant touch with reputed companies for Campus Recruitment of our eligible students. Many of our students are already placed in renowned companies like Infosys, TCS, LT, CTS, Accenture, Mahindra, E&Y, Birla Cement, Bajaj Electricals, Indian Navy, BSNL and other coveted Corporate.

M.Tech

COMPUTER SCIENCE AND ENGINEERING

The postgraduate program prepares scholars to become leaders in knowledge-driven professions by providing a learning environment strongly focused on collaborative, interdisciplinary research. The program also includes advanced level courses in Computer architecture, Networking, Algorithms, Databases, Distributed computing and Computational intelligence.

BIOPROCESSING ENGINEERING

M. Tech in Bioprocess Engineering is the advanced course of B. Tech in Biotechnology. The course embraces Metabolic Engineering, Advanced Genetic Engineering, Advanced Enzyme Science, Bioprocess Plant Design, Pharmaceutical Biotechnology, Membrane Separation Technology etc. There are widespread career openings especially in Pharmaceutical companies, Food Processing Plants and Research Labs etc. Under APJAKTU, METS is the only Campus which offers this specialization under Biotechnology Department across the State.

CYBER SECURITY

M.Tech program in Cyber Security aims at molding the student into an information security professional. Practicing industry professionals and enterprise experts with all standards will benefit the nation by providing high protection and security to Cyber World.

VLSI DESIGN

VLSI, which stands for Very Large Scale Integration, covers the complete area under the high-end technology of Chip design. VLSI design is a field, under the department of ECE, where the design of an Electronic system meets with the Material science. It covers the areas that develop a system at chip level and various aspects to manufacture and implement the system on site. METS provides M. Tech in VLSI Design, and the Department is equipped with latest labs and highly qualified and experienced Faculty members.

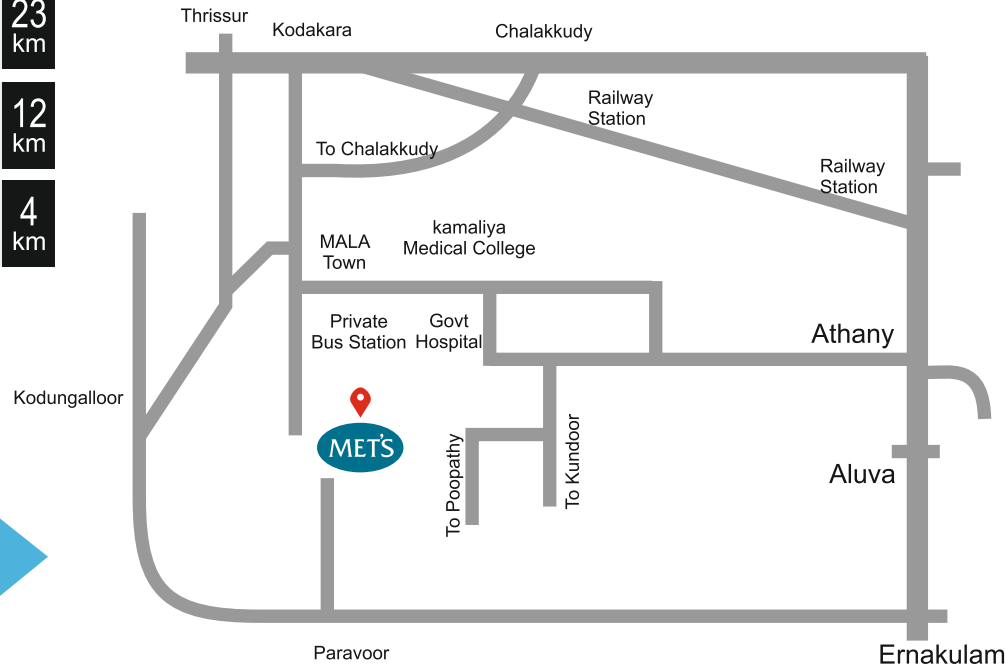**Nearest Airport** — Cochin International Airport — 23 km

Nearest Railway Station Chalakudy — 12 km

Nearest Bus Station Mala — 4 km

Thrissur   Kodakara   Chalakkudy

Railway Station

To Chalakkudy

Railway Station

MALA Town   kamaliya Medical College

Private Bus Station   Govt Hospital

Athany

Kodungalloor

MET'S

To Poopathy   To Kundoor

Aluva

Paravoor

Ernakulam

MET'S GROUP OF INSTITUTIONS

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