MEC’s Achievements in Sports during the academic year 2017-18

Every week 2-hours are allocated exclusively for sports and games as a part of the regular curriculum. As such our students have made the following commendable achievements in Sports:

- MEC has won 21 Trophies with 208 Medals in Anna University Zonal & Inter Zonal Tournament 2017-18.
- MEC has won Winner Trophy in Badminton, Volleyball, Cricket, Hockey, Handball, Football and Athletics events and Runner Trophy in Basketball and Table Tennis in Anna University Zonal - Tournament 2017-18.

Kesavan Memorial Trophy

Kesavan Memorial Inter school Tournament (Cricket, Volleyball, Basketball, Football for boys and Kho-Kho & Throwball for girls) a week-long tournament for school students is conducted every year in our college campus to facilitate sports promotion activities among school students. MEC sponsors around 7 to 8 lakhs every year for the promotion of sports & games to the students. The college also offers Sports Scholarship for outstanding sports persons who represent State & National International sport events.

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai
Accredited by TATA Consultancy Services
No. 1 Position in Villupuram, Cuddalore and Tiruvannamalai Districts based on Anna University Rank Holders List 2016
39 University Ranks including 2 Gold Medals during the Academic Year 2015-16
603 Students got placed in various companies (2016 - 17)
Overall Championship Award in Anna University Zone-V Sports Events in 2017-18 with 21 Trophies and 208 Medals in all Tournaments
Mailam Engineering College, a self-financing institution, was established in 1996, in Villupuram district. The college is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The college offers 6 Undergraduate Courses and 6 Postgraduate Courses.

The college is built in a sprawling campus of 50 acres, with a blend of beautiful green landscaping and aesthetic elegance, situated adjacent to Sri Subramaniya Swamy Koil, Mailam and Sri Vakkarai Amman Koil, Thiruvananthapuram which provide the campus a tranquil and pleasant atmosphere for the pursuit of technical education.

Mailam Engineering College is one of the top engineering colleges in Villupuram district.

Mailam Subramaniya Swamy Educational Trust was established with a view to providing technical education to the rural society, under the chairmanship of Late Shri. N. Kesavan. The trust is progressing in its vision under the guidance of Shri. M. Dhonasekaran, Chairman and Managing Director, Shri. S.V. Sugumar Mla, Vice-Chairman and Dr. Narayanasamy Kesavan, Secretary, Mailam, a sacred and serene place, was chosen to establish the college since it was backward both educationally and economically. The institution strives to produce not only good engineers but also disciplined citizens who can contribute to the constructive development of our country.

Admission Criteria

ELIGIBILITY FOR ADMISSION to B.E./B.Tech.
Candidates with H.Sc. (Academic Stream) and other equivalent examinations.

A Pass in 10+2 with Mathematics, Physics and Chemistry put together 40% aggregate for MBC/DNC and SC/ST Communities, 45% for BC and 50% for OC

Candidates with H.Sc. (Vocational Stream) and other equivalent examinations.

A pass with minimum average marks in any one of the related subjects, vocational Theory and Practicals put together 40% aggregate for MBC/DNC and SC/ST Communities, 45% for BC and 50% for OC.

Diploma / B.Sc. Candidates (Lateral Entry)
A pass in Diploma Examination with over all percentage of marks obtained by the candidate from First Semester to Sixth Semester put together 40% aggregate for SC/ST Communities, 45% for MBC, 50% for BC and 55% for OC.

ELIGIBILITY FOR ADMISSION TO M.E.
A pass in a recognized Bachelor’s degree or equivalent in the relevant field and obtained at least 50% (45% in the case of candidates belonging to reserved category) in the qualifying degree examinations.

M.E. Engineering Design
B.E. / B.Tech. Degree in Mechanical / Production / Automobile / Mechatronics / Manufacturing / Industrial / Marine / Aeronautical

M.E. Computer Science & Engineering
B.E./B.Tech. Degree in ECE / Electronics Engineering

M.E. Communication Systems
B.E./B.Tech. Degree in EEE

M.B.A. Master of Business Administration
A pass in a recognized Bachelor's degree of minimum 3 years duration (10+2+3) and obtained atleast 50% (45% in the case of candidates belonging to reserved category) in the qualifying degree examinations.

M.C.A. Master of Computer Applications
A pass in a recognized Bachelor’s degree of minimum 3 years duration (10+2+3) with Mathematics at 10+2 level or at Graduate level and obtained at least 50% (45% in the case of candidates belonging to reserved category) in the qualifying degree examinations.

M.C.A. (Lateral Entry)
A pass in a recognized Bachelor’s degree of minimum 3 years duration with 10 + 2 + 3 years pattern in BCA, B.Sc. (Information Technology / Computer Science) with Mathematics as a course at 10+2 level or at Graduate level and obtained at least 50% (45% in case of candidates belonging to reserved category) in the qualifying degree examinations.

Institution

Mailam Engineering College, a self-financing institution, was established in 1996, in Villupuram district. The college is approved by AICTE, New Delhi and affiliated to Anna University, Chennai. The college offers 6 Undergraduate Courses and 6 Postgraduate Courses. The college is built in a sprawling campus of 50 acres, with a blend of beautiful green landscaping and aesthetic elegance, situated adjacent to Sri Subramaniya Swamy Koil, Mailam and Sri Vakkarai Amman Koil, Thiruvananthapuram which provide the campus a tranquil and pleasant atmosphere for the pursuit of technical education.

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A pass with minimum average marks in any one of the related subjects, vocational Theory and Practicals put together 40% aggregate for MBC/DNC and SC/ST Communities, 45% for BC and 50% for OC.

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B.E. / B.Tech. Degree in Mechanical / Production / Automobile / Mechatronics / Manufacturing / Industrial / Marine / Aeronautical

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B.E./B.Tech. Degree in ECE / Electronics Engineering

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COURSES OFFERED

UNDERGRADUATE COURSES
Duration: 4 Years (8 Semesters)
B.E. Civil Engineering
B.E. Computer Science and Engineering
B.E. Electrical and Electronics Engineering
B.E. Electronics and Communication Engineering
B.Tech. Information Technology
B.E. Mechanical Engineering

POSTGRADUATE COURSES
Duration: 2 Years (4 Semesters)
M.E. Computer Science & Engineering
M.E. Communication Systems
M.E. Engineering Design
M.E. Power Electronics and Drives
M.C.A. Master of Computer Applications
Duration: 3 Years (6 Semesters)

M.B.A. Master of Business Administration
Duration: 2 Years (4 Semesters)
SALIENT FEATURES

- 39 University Ranks including 2 Gold Medals – Highest in Villupuram, Cuddalore and Tiruvannamalai districts based on Anna University Rank Holders List 2016
- 18th Position in University Rank among 556 Engineering Colleges in Tamil Nadu
- 603 students got placed in various MNCs including TCS in 2016 – 17 – Highest in Villupuram, Cuddalore and Tiruvannamalai districts
- The only college accredited by the IT giant – TATA Consultancy Services – for campus recruitment in Villupuram, Cuddalore and Tiruvannamalai districts
- 3200 students on campus in 6 UG and 6 PG courses – Highest in Villupuram, Cuddalore and Tiruvannamalai districts in 2016 – 17
- Won 11 Trophies in 2016-2017
- Won 13 Trophies in 2015-2016
- 265 Patents filed by our R & D Team – Highest in Villupuram, Cuddalore and Tiruvannamalai districts
- 100 % Tuition-Fee waived (free education) for students with more than 180 cad-r marks
- Campus Placement by leading companies such as TCS, Infosys, IBM, HCL, HCL Infotech, TATA Elxsi, CBS CTS, Bussmann, Esmark, Kalon, Massila Consultant, SMART, SEED, etc. with periodic interaction with HR professionals
- Various value-added courses are conducted every semester
- HoDs of all the departments are Doctores and most of the faculty members are pursuing their Ph.D
- Every department conducts guest lectures for students’ interaction with industry personnel and subject matter experts
- Won more than 250 prizes in various project competitions (including cash prize for over 2.5 lakhs in the year 2016-2017)
- A well-established Research & Development (R&D) Cell is functioning proactively in conducting research (including inter-department Projects) in various departments.
- Separate CNC & CAD Lab with latest software tools.
- A fleet of 48 buses ply through all the rural areas in the surrounding areas.
- Research Grants for students to develop innovative projects; patent rights and sponsorship for participation in International Technical Symposia.
- Separate Hostel for boys and girls with gymnasium and sports-promotional activities.
- A serene campus for ardent academic pursuit and professional fulfillment.

Infrastructure Facilities

The college is professionally managed and guided with meticulous care in conformity with all prudential standards by the members of the Board of Management emerging from different disciplines with vast experience and academic acumen. It has excellent infrastructure with well equipped laboratories and workshops with state of art devices, transport facilities, separate hostels for boys and girls.

Library and Information Centre

There is an excellent library housing over 38,000 volumes of Technical, Science and Humanities and general books. The institution subscribes over 160 journals (both National & International) regularly. The college is a member of British Council Library, MALIGNET & DELNET to access study materials in over 25 member institutions including IIT, CRI, CECRI, PEC, CEG, etc. 121 NPTEL video courses are part of the resources. A separate department library is also available in all the departments. The library is kept open from 7.30 a.m to 7.30 p.m.

The library has a comprehensive full text database of journals, namely “GALE CENGAGE learning” which includes InfoTrak Engineering, Science & Technology Collection (EST) and Info Trac Management Collection (IMC). These together provide full text articles of over 1330 journals in the fields of Engineering and Management. It also subscribes to over 200 print journals and magazines.

Lab & Computer Facilities with Internet Connection

There are more than 1000 systems in 14 Labs with 25Mbps hi-speed internet connection through leased line and LCD projectors are provided to every lab. In addition to this, we have WIFI connection throughout the campus.

Hostel Facilities

The college has well-furnished and spacious hostels, separately for boys and girls. Among the interior ambience of the college conducive for students to pursue their studies peacefully. Students are provided with delicious food in the most hygienic condition from the mess. Each hostel has a deputy warden who acts as a friend, guardian, mentor and guide to the students.

Transport Facilities

The college has its own fleet of buses plying from various locations in and around Villupuram. At present, we are operating 48 buses covering more than 60 major destinations such as Villupuram, Kalamasseri, Panruti, Sithalaparamadu, Neyveli, Thiruvannamalur, Janniyampuram, Nellilampettai, Pervazavale, Verikkurathi, Kanathur, Aranthapuram, Vetthalam, Thirukkannur, Kiliyanur, Puducherry, Villianur, Cuddalore, Thirukannur, Nattarmangalam, Gingee, Marakkanam, Vandavasi, Acharakkam, Kiliyanur, Thellar, Kadapakkam etc.

Canteen Facilities

- The College has an airy canteen with hygienic Veg & Non-Veg food and snacks.
- A Coffee shop and ice-cream parlour is functioning separately in the premises.

Auditorium

MEC has a state-of-the art air-conditioned auditorium that can house 750 students. Students and faculty members use this auditorium for various curricular and co-curricular activities.

Training and Placement (T&P) Cell

The Training and Placement Cell is headed by a fulltime placement officer. The T&P cell has a close association with the students of the college; keeps track of the skill set development of the students on a regular basis to help students mould into better professionals in the future. The T&P cell maintains a comprehensive database of the students ready for campus interview and organizes interviews throughout the academic year. The institution feels proud with high honor for being accredited by TRTA CONSULTANCY SERVICES, Chennai. MEC is organizing a well-structured placement training programme right from the first semester onwards, in collaboration with the renowned training companies such as Focus Academy for Career Enhancement (FACE), Innovative Services, SMART, SEED etc.

Value Added Courses

To enhance the technical knowledge of the students and to face any challenge with confidence, the following Value Added Courses are conducted in the campus.

- Self Development Courses
- English Communication Training
- English Literary Club & Debate Club
- Environment Club

Our Placement Record for the Past four years is as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Placement Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013-14</td>
<td>376</td>
</tr>
<tr>
<td>2014-15</td>
<td>461</td>
</tr>
<tr>
<td>2015-16</td>
<td>563</td>
</tr>
<tr>
<td>2016-17</td>
<td>603</td>
</tr>
</tbody>
</table>

Academic Year |
Pathway |
--- | --- |
2013-14 | 2015-16 |
2016-17 |
2014-15 |
2015-16 |
2016-17 |

No. of Students Placed

1. Paper Presentation in Conferences (Students) | 207 | 286 |
2. Paper Publications in National Journals (Faculty Members) | 35 | 58 | 65 |
3. Paper Publications in International Journals (Faculty Members) | 62 | 51 | 66 |
4. Paper Publications in National Journals (Students) | 22 | 38 | 50 |
5. Paper Publications in International Journals (Students) | 26 | 41 | 52 |
6. Books Published by Faculty Members | 15 | 35 | 50 |
7. Patents Applied | 3 | 20 | 25 |
8. Winners in Technical Symposia and Project Exhibitions conducted in other colleges | 81 | 114 | 120 |

MISSION: To provide futuristic technical education to all our students and instill in them a sense of leadership, entrepreneurship and research to dedicate their lives and services for the betterment of their family, society and the nation.
Research and Development (R&D) Cell

A vibrant Research and Development Cell is operating in full swing, catering to the research aptitude of the students. Every month, meeting is held with all the students year-wise to know their research interests, and proper guidance is given to every student to design and develop his/her innovative ideas into effective prototypes. The college is selecting the best project every semester and is sponsoring the students to design and develop the prototype into the working model. Every week, 2-hours are allocated exclusively for R&D activities as part of the regular curriculum.

R&D Activities
- Malam Engineering College has filed patent rights for 27 Innovative Projects.
- D.Ganesh and team from final year Mechanical Engineering has fabricated a new All-Terrain Vehicle (ATV).
- K. Vijayashankar and S. Boodathy of third year ECE have developed an innovative project titled “Smart Weight Lifting System for Poor Labourers”.
- M. Harini and B. Jayari of third year ECE have done an innovative project titled “Scintillating Srsagar”.
- D. Saikumar of final year ECE has done an innovative project titled “Elite Portal”.
- V. Baskaran of final year IT has done two innovative projects titled “Child Area Boundary System” and “Child Rescue System”.

Membership of Professional Bodies
- The Institution is associated with various professional societies such as ASM, IEEE, ISTE, EII, CSI, IIFE, NIPM, CII, IWS, TEDA, SESI, NSU, YRC and RRC.

Android Competition

Every year MEC is conducting Android Competition wherein all the B.E./B.Tech and MCA students from Sri Manakula Vinayagar Engineering College (SMVEC), Manakula Vinayagar Institute of Technology (MIT), and Malam Engineering College (MEC) compete in exhibiting their projects related to Android. During the previous academic year (2016-17), 190 batches of 360 students from MEC, SMVEC and MIT participated with their innovative Android projects. Students were awarded with cash prize of Rs.10000 (First prize), Rs.7500 (Second prize) and Rs.5000 (Third prize) for the best three projects.

Achievers Day

Every year MEC is conducting Achievers Day to honour the achievement of the students and the faculty members. MEC selects the Best Outgoing Student among the male and female students and presents them with a trophy and cash awards. The Best Faculty Member (male and female) is honoured with certificates and cash awards. The class toppers of every semester are also honored with certificates and cash awards to motivate their ardent academic pursuit.

QUALITY POLICY: The quality policy of Malam Engineering College is to offer value-based education to the students both in theory and practical in Engineering and Technology.

STUDENTS COUNSELLING CELL

Students Counselling Cell was established in the year 2008. The Management has taken personal interest in the setting up of the cell. In and around Villupuram and Cuddalore District, Malam Engineering College is the only college which has the Students Counselling Cell. The Cell has been established by keeping in mind the problems of students. Our youngsters, the most vulnerable section of the society can be easily misled, trapped and can resort to undesirable activities. Hence the Cell plays a major role in guiding the students to move along the right path towards their destination.

The Counselling Cell of MEC is imparting its services to the students. The cell conducts meeting to know the problems of the students and counselling is given to those who face problems.

Dr. T. Vijayakumari, the student counselor, is a Ph.D in Psychology from Dravidian University. She has rich psychological experience in counselling and training. She has conducted a number of workshops and seminars for teachers, parents and students related to behavior problems, mental health etc.

The counselor helps the students to resolve their problems in a positive way by helping them to analyze the problems, develop strategies and find out solutions. Common Personal concerns include grief, relationship difficulties, anxiety and depression. The problems are solved in a confidential discussion between the student and the counselor about personal soul and emotional issue. Later students develop decision-making skills which are needed to meet the challenges of life and learning. Students can develop self-awareness / self-realization and visualization, problem-solving skill, acquisition of social skills, behaviors and cognitive change, self-decision making abilities and empowerment etc.