



MUTHAYAMMAL ENGINEERING COLLEGE

(An Autonomous Institution)

(Approved by AICTE, New Delhi, Accredited by NAAC & Affiliated to Anna University)
Rasipuram - 637 408, Namakkal Dist., Tamil Nadu



INTERNAL QUALITY ASSURANCE CELL

Annual Report Academic Year (2018-19)

PROFILE OF THE INSTITUTION

Muthayammal Engineering College, an Autonomous Institution affiliated to Anna University, Chennai, was established in the year 2000 under the aegis of Muthayammal Educational Trust and Research Foundation with the motto to uplift the rural community through Technical Education. The College has grown as a reputed Institution in the past 19 years and progressing with the aim to become Centre of Excellence in Engineering Education, Research and Development. MEC started with 3 Under Graduate Programmes in Engineering in the year 2000 and presently offers 10 Under Graduate and 7 Post Graduate Programmes with 3000 Students in the campus.

Based on the Quality of Teaching, Research and Placement Records, the Institution is accredited by NAAC. National Board of Accreditation (NBA) has accredited four Programmes: Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering and Mechanical Engineering. Institution is recognized 2f & 12B under UGC Act. Anna University, Chennai has granted Permanent Affiliation for 8 Programmes. Institution is Accredited by Tata Consultancy Services and Wipro Technologies for various activities including recruitment.

AWARDS AND RECOGNITIONS

- ICTACT Academic Partner Award
- ASSOCHAM India Excellence Award
- Students Won the cash prize of Rs. 1,00,000 in Smart India Hackathon 2018 organized by Govt. of India, Ministry of Coal for the Project “Intelligent Water Level Monitoring in Bore Wells”
- EEE Students have won First Prize in Tamilnadu Smart India Hackathon 2018 organized by FORGE, Coimbatore for the Project “Agitator for Poultry Farm”
- Participated in NIRF Ranking 2019 in Engineering Category
- Take part in GHRDC-CSR Engineering College / Institute Survey 2019, INDIA TODAY-MDRA

ACADEMIC EXCELLENCE

- During the Academic year 2018-19, the following 4 UG Programmes were introduced
 - B.E-Biomedical Engineering
 - B.Tech -Bio Technology
 - B.Tech - Chemical Engineering
 - B.E -Medical Electronics
- Quality of Teaching and Learning Process is enhanced through various Innovative Practices
- Programmes/Courses are focused on Employability/Entrepreneurship & Skill Development
- Value Addition/Skill Development Courses are offered for imparting Transferable and Life Skills
- Field Projects and Internships are undertaken by the Students
- FDPs, Seminars, Guest Lectures, Workshops and Interaction with expert from Academia and Industry are organised to enhance the Technical and Soft Skills of the students
- NPTEL Online Certification Courses Certificates are obtained by Faculty and Students
- Muthayammal Virtual Learning Centre (MVLC) act as the repository for Learning Materials
- E-learning Resources like e-Books,e-Journals, NDLI, NPTEL Lectures, DELNET, IEEE, J.GATE,DIRF, Invention SAGE publication for the enhancement of Teaching and Learning Activities
- Students are provided with Meritorious Scholarship through Muthayammal Educational Trust and Research Foundation

FACULTY RESOURCES AND CONTRIBUTION

- Faculty Participation in Seminars/Workshops/Conferences, etc., : 362
- Published 5 Patents
- Published 7 Books

- **Faculty Awards :**

- Instrumental Role as SPOC for the SWAYAM- NPTEL Local Chapter
- NPTEL SWAYAM Mentor Certification at National Level - 6 Members
- Confederation of Elite Academicians of IICDC - Texas Instruments
- Best Faculty Advisor Award - The Institution of Engineers
- Best Young Women Engineer - IE(I)
- NPTEL Top Performing Mentor

RESEARCH AND CONSULTANCY EXCELLENCE

Research Activities:

- Research Papers Published in Peer Reviewed Journals : 41
- Seed Money provided to the Faculty : Rs.6,55,000
- MoUs are signed with Industries

Consultancy Activities:

Name of the Consultant(s) Department	Name of Consultancy Project	Consulting/ Sponsoring Agency	Revenue Generated (Amount in Rupees)
Electrical and Electronics Engineering	IOT based Network security for Automation	Ozone Cyber Security	1,00,000
	Arduino based Power Loom Automation	Shri Sivanantha Exports	2,00,000
Mechanical Engineering	Designing & 3D Printing of Impeller	Pearl Industrials	1,80,000

Funds/Grants received from various Government Agencies:

Faculty	Scheme	Funding Agency	Year of Award with duration	Amount
Dr.S.Saravanan	Seminar Grant	CSIR	2019 & 2 Days	Rs.30,000
Dr.P.Suresh	DIT	TNSCST	2018 & 3 Days	Rs.50,000
Dr.P.Suresh	Seminar	SERB	2018 & 3 Days	Rs.50,000

SKILL AND CAREER DEVELOPMENT

- 455 offers received by the Students in the following companies:
 - Tata Consultancy Services, Chennai
 - Infosys
 - Wipro Technologies, Chennai
 - Cognizant Technology Solutions, Chennai
 - Nippon India
 - Sundaram Fasteners
 - IVTL
 - Samsung
 - Mobius Software, etc.
- Students encouraged for Competitive Examinations, Higher Studies and Entrepreneurship

ALUMNI INTERACTION AND CONTRIBUTION

Alumni Association acts as a Brand Building for the Institution by spiraling the image and prominence of the Institution in which they graduated. It strengthens and cultivates the relationship between the Alumni, Students and the Institution and to enrich the quality of Placement. Department organizes Alumni interaction regularly for the students. Alumni supports this by sharing their experiences in different domains, Financial Assistance, Internship/Projects and Placement.

- V.Dhivya Kamachi, CIVIL Alumni of 2017 Batch conducted an interaction on “Bar bending concepts & Interview Tips” for CIVIL Department Students on 27.11.2018
- G.Pradeep, CIVIL Alumni of 2018 Batch conducted an interaction on “Modeling and Drawing” for CIVIL Department Students on 10.01.2019.
- M.Dineshkumar Alumni of 2015 Batch conducted an interaction on “Challenges in IT Industry” for CSE Department Students on 12.10.2018.

- A.Rajkumar and G.Dineshkumar, Alumni of 2016 batch conducted an interaction on “Block Chains “ for CSE Department Students on 01.02.2019.
- J.Srinivasan, ECE Alumni of 2011 Batch conducted an interaction on “EIS TCS Career Guidance” for ECE Department Students on 03.12.2018.
- Ms.H.Kalaivani, ECE Alumni of 2015 batch conducted an interaction on “CTS Career Guidance” for ECE Department Students on 05.02.2019.
- Ms. G.Gokulapriya, ECE Alumni of 2015 Batch conducted an interaction on “L & T Career Guidance” for ECE Department Students on 01.07.2018.
- R.Karthick, EEE Alumni of 2016 Batch conducted an interaction on “Challenges in the Core sector” for EEE Department Students on 03.09.2018.
- N. Manikandan, EEE Alumni of 2015 Batch conducted an interaction on “How to Enter in Government Sector” for EEE Department Students on 27.10.2018.
- M. Dinesh, EEE Alumni of 2017 Batch conducted an interaction on “Importance of Embedded in Electrical Engineers” for EEE Department Students on 05.01.2019.
- T. Karthikeyan, EEE Alumni of 2014 Batch conducted an interaction on “Needs of Campus Placement” for EEE Department Students on 02.02.2019.
- A.B Sobiya, IT Alumni of 2017 Batch conducted an interaction on “SAP ARIBA” for IT Department Students on 12.09.2018.
- S.Mugunthan Kumar, IT Alumni of 2014 Batch conducted an interaction on “Android Application Development” for IT Department Students on 27.01.2018.
- M.Narayanan , IT Alumni of 2015 Batch conducted an interaction on “Learning Front End Development” for IT Department Students on 12.01.2019.
- Mr.M.Naveen, MBA Alumni of Batch 2017 conducted an interaction on “Recent Trends in Recruitment Methods”, to MBA Department Students on 27.09.2018.
- Mr.R.Balasubramani, MBA Alumni of Batch 2018 conducted an interaction on “Marketing Skills Required for MBA Students”, to MBA Department Students on 16.10.2018.
- Mr.N.G.Vigneshraja, MBA Alumni of Batch 2017 conducted an interaction on “Health Fitness Awareness”, to MBA Department Students on 28.01.2019.

CLUBS AND FORUMS

Clubs and Forums is to support Students to exhibit their talents by participating in various activities. Programs are organized through Fine Arts Club , Ramanujan Club, Higher Education Cell, Science Club, Yoga and Meditation Club, Environmental Club, Tamil Mandram, English Literary Club ,Green Club and Sports Club, etc. for the benefit of the Students. Institution enshrines the sovereign and democratic values of our Nation by commemorating the Independence Day and the Republic Day annually. Competitions are conducted for the students which inculcates the Human Values and Ethics.

Women Empowerment Cell organizes various Awareness Programs for the welfare of the Faculty and students towards preparing them into competent professionals. International Women's Day is celebrated every year on March 8th on various themes which brings the Empowerment and Challenges among Women in the Society. Competition and Events are conducted to encourage Girl Students and recognized with prizes by inviting Experts.

Yoga and Meditation Club integrates the moral values and self-acceptance among students and faculty through Seminars, Workshops and Webinars to realize the importance of practicing Yoga and to make themselves fit by both physically and mentally.

EXTENSION AND OUTREACH ACTIVITIES

- National Service Scheme (NSS) and Youth Red Cross (YRC) unit has organized various activities for the welfare of the society
- World Water Day was observed at our Campus on 22nd March 2018. Water pots and grains were placed in many places to save sparrows and other birds
- An Awareness Program on Blood Donation was organized by Youth Red Cross on 23rd March 2018.
- An Awareness Program on Higher Education "Vetri Nichiyam" was jointly organized with Daily Thanthi on 27th April 2018 for the +2 Students. More than 5000 students got benefited out of it

- An Awareness Program on “Anna University Online Counseling Process” was jointly organized with Dinamalar and Kalaikathir during April and May 2018 at different locations in Tamil Nadu
- Our College NSS units conducted 7 Day Special Camp at R. Puduppatti and Vellakkalpatti from 15-02-2019 to 21-02-2019. During the Special Camp, Various Activities such as Medical Camp, Awareness Rally, Road and Temple Cleaning have been conducted
- Awareness Program for Polytechnic Students-Mi Dream was held at our Campus on 12th March 2019

SPORTS ACTIVITIES

Department of Physical Education has well equipped Sports Facilities to cater the need of Students in Extracurricular activities. Facilities for the outdoor games such as Volleyball, Football, Kabaddi, Cricket, Kho-Kho, Ball Badminton, Handball and Indoor Games such as Chess and Table Tennis are available. Gym centre is available at the sports complex for Faculty and Students with necessary facilities

Organized a number of University level Tournaments. The students have participated in Zonal, Interzonal, State, National, and University level open tournaments and won prizes.

- Table Tennis Men team has bagged 2nd position and women team has bagged 3rd position in Zonal level Anna University games
- Athletes of our Institution have won the 3rd position in 4x400 mts relay in Anna University Games
- Mr.R.Karthikeyan Final Year student of Department of EEE has won gold medal in State and National level Kabaddi Tournaments organized by Youth Federation of India

T.M. 10/07/2019
IQAC Coordinator

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(AUTONOMOUS)
RASIPURAM-637 408, NAMAKKAL Dist.
TAMILNADU.**

10/07/2019
Chairperson IQAC

**PRINCIPAL,
MUTHAYAMMAL ENGINEERING COLLEGE
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TAMIL NADU**