

MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE

363 ARCOT ROAD KODAMBAKKAM CHENNAI -24

DEPARTMENT OF EEE



FOR PROGRAMS APPLIED

TNEA
COUNSELLING CODE
1309



AFFORDABLE TUITION FEES

INNOVATIVE TEACHING METHODS

WELL QUALIFIED TEACHING FACULTY

STUDENTS INVOLVEMENT IN RESEARCH PROJECTS

EXTENSIVE TRAINING FOR PLACEMENTS & COMPETITIVE EXAMS

VALUE ADDED COURSES

COUNSELLING WITH PARENTAL CARING



www.msec.edu.in

CONTACT NO:9003010913

DEPARTMENT OF EEE

Job Sectors for Electrical Engineers

GOVERNMENT SECTOR	PRIVATE SECTOR
GAIL	General Electric Company
State Electricity Board	ABB
NICL	Siemens Limited
Indian Railways	Crompton Greaves
BHEL	Schneider Electric Infrastructure
BSNL	Larsen and Toubro
Indian Army	ALSTOM
Indian Navy	Tata Steels & Motors
DRDO	Jindal Steels
IOCL	Spectrum Generation Corporation
NALCO	GVK Power & Infrastructure Ltd
NFL	HBL Power Systems

.....& Many More



DEPARTMENT OF EEE

ABOUT THE DEPARTMENT



The Electrical and Electronics Engineering Department of MSEC commenced in the year 2003. Under the erudite leadership of Mrs.S.Soundarabala, Head of the Department along with the efficient faculty members and excellent students, the department has won laurels to the college. The department lays emphasis on equipping its students with conceptual knowledge and comprehensive technical training to meet the requirements of the industries. The college gives importance for practical training in the latest developments & effective student participation in co curricular and extra curricular activities. The events are planned & organized for the holistic development of the students.

VISION

To develop competent graduates in Electrical and Electronics Engineering by imparting electrical science, technological developments and encouraging research capability to meet the industrial needs.

MISSION

- M1: To achieve eminence in the field of Electrical and Electronics Engineering.
- M2: To encourage research capabilities and professional applications.
- M3: To inculcate moral values and professional ethics.

DEPARTMENT OF EEE

INFRASTRUCTURE

The department has excellent laboratory infrastructural facilities and the students are trained to enhance their practical skills.

EEE Department Comprises of Spacious Full-Fledged Laboratories.

- Electrical Machines Laboratory-I
- Electrical Machines Laboratory-II
- Control & Instrumentation Laboratory
- Electronic Devices & Circuits Laboratory
- Linear Integrated Circuits Laboratory
- Renewable Energy System Laboratory
- Power Electronics Laboratory
- Power System Simulation Laboratory



DEPARTMENT OF EEE

EVENTS

The Department encourages students to participate in various technical events in the college and other educational institutions.

GUEST LECTURE



CONFERENCE



SYMPOSIUM



SEMINAR



INDUSTRIAL VISIT



DEPARTMENT OF EEE

CULTURALS

Extra curricular activities are regularly encouraged to bring out the hidden talents from young minds.





DEPARTMENT OF EEE



RESEARCH PROJECTS

SOLAR POWER PLANT

The department has been actively involved in installing Solar Energy in our institution. The plant has been erected and commissioned on the roof top of the CIVIL Engineering Block with 3 solar plants with capacity of 5KW each. This plant has been built with the approval of MNRE/Gov. of India at a total cost of Rs.23.51 lakhs and funded partially by Govt. of India/ MNRE/ NEWDELHI and by the CENTRAL FINANCIAL AID (receiving Rs.712,800) It comprises poly crystalline solar PV power plant, thin film and mono crystalline power plants. Research work is carried on from the time of installation.



LED INVERTER BULB

Each unit of energy saved would literally uplift the health of our Mother Earth... In addition to exploring multiple ways to tap Renewable Energy sources, there were attempts in saving the energy garnered from fossil fuels... one such is the in-house fabrication of LED lights... this would result in lesser energy consumption as it saves not only the energy but the World for the future generations...



SPARROW

The budding young minds of our Department have ventured into the design of a 'Drone', drawing inspiration from their seniors... The proposed system is expected to tread into some of the socially conscious applications...



DEPARTMENT OF EEE

STUDENT CHAPTER & ASSOCIATION

NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY (NIQR)

NIQR is a professional society aimed to propel the quality and reliability through the student chapters. NIQR is playing a key role in National Quality Movement as a Board Member of NBQP and also Governing Council Member of Quality Council of India (QCI), which is playing a pivotal role in promoting, adopting and adhering to quality standards in all important spheres of activities at National level.



ELECTRICAL TECHNOCRATS ASSOCIATION (ETA)

ETA is a student association which aims at enhancing the technical skills and motivate the students to stay abreast with the current trends in science, engineering and technology. It provides a perfect platform for the students to exhibit their technical and leadership qualities by helping them to work as a team.



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DEPARTMENT OF EEE

SPORTS ACTIVITIES

The students are encouraged to participate in various intra departmental sporting activities which spans the whole year. The best talents are recognised and allowed to take part in tournaments at zonal, district, state and national levels.



DEPARTMENT OF EEE

"PRIDE OF OUR DEPARTMENT"



Boniface Pascalraj
Founder & CEO,
Ulaginoli Energy Solutions Private
Limited, Chennai



Ishleen Kaur
Major, Indian Army



Vignesh Parameswaran
Solution Architect and Developer,
Toyota North America, Texas



Saranya A
Physical Design Engineer,
Intel Corporation,
Bangalore



Krishnakumar
R&D ENGINEER
UNIVERSITI TENAGA NASIONAL
MALAYSIA



SHRUTHI
R&D ENGINEER
UNIVERSITY OF HOUSTON



SINDHUJA
Consultant - Energy Automation
Croonwolver&dros



BALAKRISHNAN
PURSUING MS
UPPSALA UNIVERSITY



Aishwarya P
Software engineer,
Robert Bosch



Nisha Balajee
Product Marketer
Zoho Corp



Ramkumar
Software Engineer
Zoho



VINOTH
SBI ASSISTANT MANAGER

DEPARTMENT OF EEE

STUDENT REVIEWS



M Sriram

1 review

★★★★★ 6 months ago

This is the Institution where I completed my BE In Electrical and Electronics Engineering (EEE). I really felt proud to study in this college specially my EEE department staffs were so knowledgeable and very helpful in nature. There are student organisations known as "ETA" where you can shape up your knowledge. ECUBE is an annual event conducted by the MSEC where the students can share their knowledge and ideas in front of experienced engineers. Being in the centre of the city.. This should be your pick..



Raj Surya

4 reviews · 1 photo

★★★★★ 6 months ago

I'm a student of MSEC from EEE department. The entire college gives a good environment to study and for all extra-curricular activities. Specifically talking about EEE department, we are gifted with good staffs who encourage us to do different projects. We have an association, ETA, which allows us to participate in various events and to build our leadership skills. The one main advantage of the college is its location. It is located in the center of the City and the transportation is feasible. On the whole, a good college to study with all required facilities and faculties.



Deepak Kumar

9 reviews

★★★★★ 6 months ago

Msec was and will always be a very good place to learn as it has well-qualified lecturers who can give us the real experience of learning and motivate us to learn. It is a very good place to enhance our skills as the management provides various opportunities to upskill oneself. It is a very calm and neat campus which will make us love the place and it is in the centre of the city facilitating quick transportation.



Murthi Sathya

1 review

★★★★☆ 4 months ago

MSEC, an amazing platform to start your foundation, kind-hearted professors especially in EEE department, lots of enthusiastic lecturers inspire us both in studies as well as humane.



Nisha Balajee

1 review

★★★★★ 6 months ago

Great place to learn and develop your technical skills. The staffs are very knowledgeable and friendly. Ample opportunities are created to showcase your learnings.

DEPARTMENT OF EEE

UNIVERSITY RANKS 2016-2020 BATCH

The 2016-2020 batch of EEE department of Meenakshi Sundararajan Engineering college has bagged three university ranks. They have made us proud with their achievement.



SANJANA S
9th Rank
CGPA:8.98



BADRINATHAN N
11th Rank
CGPA:8.96



SANDHYA MOHAN
11th Rank
CGPA:8.96



PLACEMENT RECORD 2019-2020

OUR RECRUITERS



SUPER AUTO FORGE
Forging ahead into future since 1922



Coanizant



Kaar



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