

Matrusri Engineering College

Approved by AICTE, New Delhi and Affiliated to Osmania University, Hyderabad.



Sponsored by
Matrusri Education Society
(Estd. 1980)



EAMCET CODE: MECS



16-1-486, Saidabad, Hyderabad, Telangana, India 500059.
www.matrusri.edu.in

**Information Brochure
2018-19**

B.E. COURSES OFFERED

Discipline	Intake
Civil Engineering	60
Computer Science and Engineering	120
Electrical and Electronics Engineering	60
Electronics and Communication Engineering	120
Mechanical Engineering	60

MATRUSRI EDUCATION SOCIETY

Matrusri Education Society, Hyderabad, was established in 1980 by a group of visionaries and philanthropists like Late Sri Maturi Gopala Rao, the Architect of Nagarjuna Sagar Dam as the Founder Chairman and Arsha Dharmasri Late Sri Maturi Venkata Subba Rao as the Founder Secretary along with eminent industrialists, businessmen, administrators, doctors and advocates. Matrusri Engineering College and MVSR Engineering College are sponsored by Matrusri Education Society.

Executive Committee

The Executive Committee of Matrusri Education Society is the pivotal decision making body for the colleges run by the Society. The term for the Office Bearers and Members of Executive Committee is three years. The Executive Committee is headed by the elected Chairman, Vice-Chairman, Secretary, Joint Secretary, Treasurer and Members. The details of the Office Bearers elected on 02.06.2018 are -



Dr. K.P. Srinivas Rao
Chairman



Sri J. Sudhakar
Secretary



Sri M. Krishna Kumar
Vice – Chairman- I



Sri. T. Jitendra Nath
Vice – Chairman- II



Smt. K. Uma Devi
Joint - Secretary – I



Sri M.V.S. Pavan Kumar
Joint - Secretary – II



Sri M.V. Vasudeva Rao
Treasurer



Sri M.B.S. Purushottam
Member



Sri Konijeti Venkataratnam
Member



Dr. K. Radha Kishan Rao
Member



Sri K. Seetha Ram Babu
Member



Sri R. Partha Saradhi
Member



Sri P.V.R. Kashyap
Member



Sri A. Vasanth Kumar
Member



Ms. M. Sagarika
Member



Smt. K. Hiranmayi
Member

Vision:

To be a premier academic institute striving continuously for excellence in technical education, research and technological service to the nation.

Mission:

- M1: To recognize and make quality Engineering education available to the society.
- M2: To create a community of learning in which students acquire knowledge and apply them professionally with societal concern.
- M3: To prepare for life-long learning to meet intellectual and career challenges.
- M4: To promote professional ethics, leadership qualities and social responsibilities.
- M5: To maintain research environment with an opportunity to create, apply and disseminate knowledge to the needs of society and the industry.

Matrusri Engineering College (MEC)

Matrusri Engineering College was established by Matrusri Education Society in 2011 with an aim to build a technical institute of excellence in urban settings. The college offers B.E. courses in Civil Engineering, Mechanical Engineering, Electronics and Electrical Engineering, Electronics and Communication Engineering and Computer Science and Engineering. Since inception, the college has been making progress in all spheres of academics, co-curricular activities, sports, etc. It is listed among the top five engineering colleges in the state.

Principal:**Dr. D. Hanumantha Rao**

M.Tech, Ph.D, FIE, Principal

Dr. D. Hanumantha Rao, M.Tech, Ph.D, FIE, has been working with the college since the establishment. He has an experience of more than 30 years both in industry and teaching. He has published more than 55 technical papers in National and International journals. He is a supervisor for Ph.D research scholars in Mechanical Engineering and 6 research scholars have completed their Ph.D under his guidance. His area of specialization is Machine Design and CAD/CAM CAE.

Governing Body

The college is governed by the Governing Body for policy-making and decision - making in all matters of academic, administration and other developmental activities.

Committees

Sub-committees are formed for all administrative and academic purposes. Actual decision - making rests with these committees which are later ratified/modified by the Executive Committee of Matrusri Education Society. The titles of all sub-committees are indicative of their functions.

1. Purchase and Campus Development Committee
2. Academic Staff Affairs and Legal Committee
3. Finance and Planning Committee
4. Advisory Committee

Anti - Ragging Committee

Matrusri Engineering College firmly believes in providing secured environment for all the students on the campus. Ragging is a crime and offence, punishable up to 7 years of imprisonment. The Government of Andhra Pradesh made 'Ragging Act' in 1997, any student found guilty under this Act is punishable under Section 4 of A. P. Prohibition of Ragging Act 1997 (Act 26 of 1997). The college has formed the Anti - Ragging Committee comprising of the Principal, HODs, and Senior Faculty members.

Parent Appraisal

Parent Appraisal helps the college to co-ordinate with the parents to improve their ward's performance and allied

social responsibilities. The student's marks, attendance and their performance in the internal examinations are reported by SMS / Speed Post/ personally. This process helps the students in their academic development and also creates awareness. The parents are contacted over phone and the parent- counsellor meet is organized on a regular basis.

Academic Matters

Experienced faculty members are assigned the responsibility as Academic In-charges for each class who take over the charge of the overall, holistic academic development of the students in a class consistently throughout their academic stay. The faculty member concerned looks after the academic and versatile development of the students. Systematic data is maintained in a specific format with the complete information about the student's attendance, performance in the internal examinations and details of absence from the examination. It helps the respective faculty to look after the overall development of the students.

Academic Strength

Faculty recruitment in Matrusri Engineering College is based on merit, experience and commitment in the field of education. 12 Professors, 10 Associate Professors and 79 Assistant Professors are committed for the cause of education in making the institute an abode of knowledge and a temple of engineering education.

Admission Procedure

Matrusri Engineering College is recognized as one of the premier institutes globally because the products of Matrusri Education Society are internationally and nationally employed and acclaimed since 1981. The College has highly qualified and experienced faculty providing academics in well furnished classrooms and the

State - of - the - Art laboratories in all the departments. Admissions under Convener Quota (Category 'A') for 70% of total intake in each branch are done through EAMCET Counseling, and Admissions under Management Quota (Category 'B') for 30% of total intake in each branch are done as per the guidelines of the Government. The tuition fee is as fixed by the State Government.

Code of Conduct for Students

College Timings

- The college timings are from 9:30 AM to 04:10 PM. Second Saturday is a holiday.

Attendance

- 75% of attendance is compulsory to appear for the University Examinations. In case of shortage of attendance, the student may be detained. However, 10% condonation may be given on medical grounds as per the university norms.
- The attendance percentage of all students is displayed on the notice board periodically and the parents are informed regularly.

Dress Code

- All the students are strictly advised to come to the college in formal wear i.e. shirt, trousers and formal shoes. Sandals and chappals are discouraged.
- Girls are advised to dress appropriately depicting the standards of the course opted.

Discipline

- Strict discipline must be followed by the students. Any act of indiscipline by a student is liable to punishment.
- Mobile phones are prohibited in the campus.
- Any incident of ragging should be brought to the notice

of the respective Floor In-charge/ Faculty Member / HOD / Principal with immediate effect.

- Record books and laboratory manuals issued by the college should be carried during lab. sessions. It is mandatory for the students to wear their ID cards.
- Each academic year consists of two semesters. For all the four years, the average of two internals for each semester will be considered for awarding marks for Internal Assessment.
- Academic trips, industrial tours and training programmes are regularly organized on and off the campus. The students are expected to participate in all the activities.
- Gold Medals are presented to the class toppers in each branch and prizes are distributed to encourage students in co-curricular and extra-curricular activities.
- Student Opinion Poll is conducted every year to evaluate teachers' performance.

Classrooms and Laboratories

Fully ventilated, well-furnished classrooms along with well-equipped laboratories are available for effective teaching-learning process. Each department has the required number of classrooms and laboratories as per the university and AICTE guidelines.

Academic Performance:

The performance of fourth batch of MECS students in the university exams is excellent.

Branch	Appeared	Distinction	I Division	% Pass
CIVIL	56	18	25	93
CSE	110	44	41	83
ECE	112	40	46	86
EEE	48	35	3	88
MECHANICAL	58	21	28	88

CIVIL ENGINEERING

Civil Engineering marks a significant role in this era. There is a high demand for safe and effective construction in all fields of development, urban or rural universally. The department was established in the year 2011, with an intake of 60 to meet the requirements. The department has highly qualified and experienced staff specialized in all fields of Civil Engineering. Dr. G. Manohar, the Head of the Department and the faculty contribute to train and build the future Civil Engineers.

DEPARTMENT VISION:

To prepare civil engineering professionals with an ability to develop designs and initiate innovative thoughts focusing on infrastructural needs with a social responsibility.

DEPARTMENT MISSION:

M1: To enhance technical skills among the students by adopting effective teaching-learning processes.

M2: To impart knowledge of emerging infrastructural needs of the society for developing eco-friendly designs.

M3: To inculcate technical competencies among the students to enable them to meet present and future challenges.

M4: To prepare for life-long learning with professional ethical practices.

Faculty

Professor

Dr. G. Manohar, M.Tech., Ph.D
Prof. & HOD

Dr. M. Venu Gopal, M.Tech, Ph.D

Associate Professors

P.V.S. Koteswar Rao, M.E.

S.Venkata Chary, MURP

Assistant Professors

P.Ashveen Kumar, M.Tech.

S. Lokeshwari, M.E.

B.Udayasree, M.Tech.

K.Smitha, M.Tech.

M.Prathiba, M.E.

P.Dhanamma, M.Tech.

G. Satyavathi, M. Sc, PGDES

T. Raja Ramanna, M.E.

P.Prashanth, M.Tech.

P.Bharat Kumar, M.Sc.

U.Thirumalesh, M.Tech.

M.Srividya, M.Tech.

Area of Specialization

Structural Engineering

Structures and Construction Management

Transportation Engineering

Urban & Regional Planning

Structural Engineering

Hydraulics and Coastal Harbour Engineering

Structural Engineering

Transportation Engineering

Hydro Mechanics and Water Management

Structural Engineering

Environmental Science

Construction Engineering & Management

Structural Engineering

Geology

Structural Engineering

Geotechnical Engineering

Laboratories:

The Civil Engineering Department is equipped with the following laboratories :

1. Strength of Materials
2. Fluid Mechanics
3. Soil Mechanics
4. Surveying
5. Environmental Engineering
6. Engineering Graphics Lab
7. Transportation Engineering
8. Engineering Geology Lab
9. Concrete Lab
10. Computer Application Lab

The laboratories are well established and upgraded. Some of the major equipment include 100T UTM, Pentax Total Station, Multipurpose Flume, Tri-axial Apparatus, Spectrometer, etc. The Computer Laboratory has 60 systems equipped with software like Stadd pro, Auto CAD, and open source Scilab, Latex, Octave, xmgrace, QNUPLOT, etc.



Fluid Mechanics Laboratory



Strength of Materials Laboratory



Surveying



Environmental Engineering Lab



Soil Mechanics Laboratory



Computer Applications Lab



Concrete Lab



Engineering Geology Lab



Transportation Lab



Engineering Graphics Lab



Dr.G.Manohar
Prof. & HOD

COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science and Engineering was established in the year 2011 with an intake of 60 in Bachelor of Engineering Program. The intake was increased to 120 in the year 2012.

The department is headed by Dr. P. Vijaya Pal Reddy, Professor, having 20 years of teaching experience. He is a member of CSI, ISTE, FSMI, SDIWC, and IAENG Societies. He published remarkable research papers in reputed journals with two patents. The department is having 24 well qualified, experienced and dedicated faculties with four Ph.D holders and currently seven faculty members are pursuing Ph.D. The faculty members are acting as research supervisors for various universities.

The department has IE, CSI, IEEE, ISTE membership and also Student's Chapters. On behalf of the Student's Chapters, the department is organizing various technical activities, professional activities, workshops, seminars, coding contests and project development activities.

DEPARTMENT VISION:

The Computer Science and Engineering Department aims to produce competent professionals with strong analytical skills, technical skills, research aptitude and ethical values.

DEPARTMENT MISSION:

M1: To provide hands-on-experience and problem-solving skills by imparting quality education

M2: To conduct skill-development programs in emerging technologies to serve the needs of industry, society and scientific community.

M3: To promote comprehensive education and professional development for effective teaching-learning processes.

M4: To impart project management skills with an attitude for life-long learning with ethical values.

Faculty

Professor	Area of Specialization
Dr. P. Vijaya Pal Reddy, Ph.D, HOD	CSE
Prof. G. Veereshalingam, M.Tech(Ph.D)	Real Time System
Associate Professors	
Dr. G. Shyama Chandra Prasad, Ph.D	CSE
Dr. S. Mamatha, Ph.D	CSE
Dr. K. Sunil Manohar Reddy, Ph.D	CSE
Assistant Professors	
Mrs. J. Samatha, M.Tech	CSE
Mrs. K. Bhagya Laxmi, M.Tech	CSE
Mrs. G. Prathiba, M. Tech(Ph.D)	CSE
Mr. A. V. Murali Krishna, M.Tech	CSE
Mr. V. Vinay Kumar, M.Tech(Ph.D)	CSE
Mrs. B. J. Praveena, M.Tech	CSE
Mr. L. Raghavendar Raju, M.Tech(Ph.D)	CSE
Mr. M. Praveen Kumar, M.Tech(Ph.D)	Software Engineering
Mrs. B. Sujatha, M.Tech(Ph.D)	CSE
Mr. P. Ravindra, M.Tech(Ph.D)	Software Engineering
Mr. M. Priyanka, M.Tech	Software Engineering
Mr. V. Chandra Sekhar, M.Tech	CSE
Mr. A. Pramod Kumar, M.Tech(Ph.D)	CSE
Mr. P. Siva, M.Tech(Ph.D)	CS
Mr. K. Vikram Reddy, M.Tec	CS
Mrs. T.Aruna Jyothi, M.Tech	CS
Mrs. K. Shalini, M.Tech	CS
Mrs. M. Swapna Reddy, M.Tech(Ph.D)	CSE
Mrs. C. Hari Priyanka, M.Tech	Software Engineering

Laboratories:

The department has seven dedicated laboratories with latest hardware and software and also has sufficient well qualified and experienced technical and supporting staff. The labs are complemented by the latest softwares like Microsoft Products, Rational Enterprise Suite (RES), Rational Software Architect (RSA), Linux, WEKA Data Mining Tool, KEIL Embedded System Software, C/C++/Java IDE, etc. The department is conducting various training programs and certification courses for the students and faculty in association with CISCO and ORACLE Academy. The department has a separate lab for innovative projects development with 40 Mbps internet access.

We have the following laboratories:

1. C & C++ Lab
2. Data Structures Lab
3. JAVA Lab
4. WPS & CN Lab
5. Projects Lab
6. DBMS Lab
7. OOSD Lab



Dr. P. Vijaya Pal Reddy
Professor & HOD



JAVA Lab/WPS&CN Lab
/Mini Projects Laboratory



Operating Systems Laboratory



Microprocessors Micro Controller & Embedded Systems Laboratory



ELECTRONICS & COMMUNICATION ENGINEERING

The Department of Electronics & Communication Engineering (ECE) was established in the year 2011 with an intake of 60 and was enhanced to 120 during the year 2012. Dr. Nukala Srinivasa Rao, Professor & Head of the Department is a Ph.D in Electromagnetics with 29 years of experience. In a span of eight years, the department has grown to a great strength comprising of 21 faculty members with specializations in VLSI, Embedded Systems, RF, Digital Systems, Signal Processing, Communication Engineering and Microprocessor applications. Most of the faculty members have a Doctorate Degree and some are on the verge of its completion. The broad spectrum of subjects in the area of ECE is fully represented. Well-established laboratories with the necessary licensed softwares are available. The department achieved a landmark as one of its students secured university 3rd rank in the year 2017. Texas Instruments, a US supported "Innovations Lab" is established. Department has signed MOUs with various industries to impart training to faculty members and students in the latest advances in the field of technology. The department trains young engineers to cater to the technological needs of the nation. The faculty members are associated with IEEE, IETE & CSI.

DEPARTMENT VISION :

To become a reputed centre of learning in Electronics and Communication and transform the students into accomplished professionals.

DEPARTMENT MISSION :

- M1. To provide a learning ambiance to nurture the young minds with theoretical and practical knowledge to produce employable and competent engineers.
- M2. To provide a strong foundation in fundamentals of Electronics and Communication Engineering to make students explore advances in research for higher learning.
- M3. To inculcate awareness of societal needs, continuous learning and professional practices.
- M4. To imbibe team spirit and leadership qualities among students.



Dr. Nukala Srinivasa Rao, is a Ph.D in Electromagnetics with 29 years of experience. He has a specialization in Electromagnetics applications to Biomedical Signal Processing. His research of interest is in EMTL and Antennas, VLSI, Digital Signal Processing & Electronic Instrumentation. He is a life member - ISTE and Instrumentation Society of India and also a Senior Member - IEEE USA, SEMCEI, Chartered Engineer - Institution of Engineers - FIE.

Dr. Nukala Srinivasa Rao, HOD

Faculty

Professors

Dr. N. Srinivasa Rao, BE, M.Tech, Ph. D
Prof. P. Hara Gopal Mani, M.Tech, Ph. D
Dr. M.Sushanth Babu, Ph. D

Associate Professors

Dr. R. Prakash Rao, Ph. D
Dr. Pallavi Khare, M.Tech, Ph. D

Assistant Professors

Mrs. A. Narmada, M.Tech
Mr. V. Karunkar Reddy, M.Tech, (Ph.D)
Mrs. A. S. Keerthi Nayani, M.Tech
Mrs. P.Sravani, M.Tech
Mrs. K. Vijetha, M.Tech, (Ph.D)
Mr. D. Nagaraju, M.Tech
Mrs. B.Indira Priya Darshini, M.Tech, (Ph.D)
Mr. P. Ravi Kumar Reddy, M.Tech
Mr. M.Naresh M.E, (Ph.D)
Mr. A.Abhishek Reddy, M.Tech
Mrs. Aruna Kokkula, M.Tech
Mr. K.Koteswara Rao, M.Tech
Mr. Kunda Praveen, M.Tech

Area of Specialization

Electromagnetics
Embedded Systems
Wireless Communication

VLSI
Image Processing

Digital Electronics & Communication Systems
Digital Electronics & Communication Systems
VLSI
Digital Systems & Computer Electronics
Embedded Systems
Communication Systems
VLSI System Design
VLSI System Design
Communication Engineering
Communication System
VLSI and Embedded system Design
VLSI System Design
VLSI System Design

Labs in the department :



Electronic
Devices & Logic
Design/AEC Lab



Electronic
Engg./Basic
Electronics Lab



Integrated
Circuits
Applications/
PDIC Lab



Systems and Signal Processing Lab



Microwave Lab



Embedded C & VLSI
Design /MPMC Lab



Communication Lab

ELECTRICAL & ELECTRONICS ENGINEERING

The EEE Department strives to achieve academic excellence by imparting quality education, adopting holistic and innovative approach in teaching, to be a part of technological development in the frontier of Electrical and Electronics Engineering. The department was established in the year 2011 with an intake of 60 and has well-qualified and committed faculty members and is headed by Dr. G. Ravindranath.

DEPARTMENT VISION:

To prepare individuals to thrive in and contribute to an ever changing global society by uniting the skills of Engineering, technology, research and design.

DEPARTMENT MISSION:

- M1. To provide state of the art resources that contributes to achieve excellence in teaching-learning, research and development activities.
- M2. To produce qualified, motivated and well-rounded graduates possessing fundamental knowledge of Electrical & Electronics Engineering who can provide solutions and services to the community at large.
- M3. To create and sustain environment of learning in which students acquire knowledge and learn to apply it professionally with due consideration of ethical and economical issues.
- M4. To promote research & innovation and to keep abreast of emerging technologies in Electrical & Electronics Engineering in order to serve the needs of industry, scientific community and society.



Dr.G. Ravindranath
Prof. & HOD

Faculty

Professor

Dr. G. Ravindranath, Ph.D
Prof. & HOD

Associate Professors

Dr.P. Vasudeva Naidu

Assistant Professors

P.Kishor M.Tech

M. Saritha M.Tech

P. Anil Kumar, M.Tech, (Ph.D)

G.V.S.S.N. Srirama Sarma, M.Tech

M.Venkata Subramanyam, M.Tech

K.Karthek, M.E.

N.Kalpana, M.Tech.

M.Praveen Reddy, M.E.

M.Srinivas, M.Tech

Area of Specialization

Power Systems

Power Electronics

Power Systems

Electrical Power Engineering

Electrical Power Systems

Information Technology in Power Engineering

Information Technology in Power Engineering

Power Electronics Systems

Electrical Power and Energy Systems

Electrical Power systems

Energy Systems

Laboratories:

The laboratories are well equipped.
The core labs are:

1. Circuits and Measurement
2. Electrical Machine
3. Power Electronics
4. Control systems
5. Microprocessors and Microcontrollers Lab
6. Linear Integrated Circuits Lab
7. Electrical Simulation Lab
8. Digital Signal Processing Lab
9. Power Systems Lab
10. Computer Aided Electrical Design



Circuits & Measurements Laboratory



Electrical Machines –I Laboratory



Control Systems Laboratory



Electrical Machines –II Laboratory



Power Electronics Laboratory



Linear Integrated Circuits Laboratory



Electrical Simulation Lab & CAED Lab



Power Systems Lab

MECHANICAL ENGINEERING

The Mechanical Engineering Department has an intake of 60 students and is headed by Dr. M.V.Kishore. He did Ph.D in Mechanical Engineering from JNTU, Hyderabad. He has an experience of 12 years in the industry and 14 years in the teaching field. His area of interest includes Production, FEA, CAD/CAM and CAE. The teaching staff are well-qualified, specialized in various fields and have vast experience. The department moulds the graduate students to harness their latent creative skills to meet industry needs and life challenges. The department has also formed EDP cell and SAE club and regularly organizes technical events, workshops and seminars for the benefit of the students. With a strong support from the Management and the Principal, the students of Mechanical Engineering have successfully participated in the Go-Kart event and other events like SAE Baja and Efficycle showcasing their talents. The department has also organized industrial visits to enable the students to gain firsthand exposure in the latest equipment and technologies.

DEPARTMENT VISION:

The Mechanical Engineering department strives to produce quality engineers to enable them pursue diverse careers with professional standards and ethical values.

DEPARTMENT MISSION:

- M1: To provide relevant and quality education to meet needs of industry and society.
- M2: To equip with requisite set of skills and knowledge to succeed and thrive as engineers and leaders.
- M3: To provide a continuous learning environment for promoting research activities.
- M4: To provide a competitive atmosphere to encourage innovative and original thinking.



Dr. M.V.Kishore
HOD

MOU is signed to conduct skill development programs with ISIE in our college as resource center. Skill development programs and research-based projects can be conducted for the benefit of students.

MOU is signed with Codetantra to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for industry, curriculum development for industry, CEP for working professionals, advice and support for technical incubation and entrepreneurial activities.

The department has IE and ISTE membership and also student's chapters.

Faculty

Professor

Dr. D. Hanumantha Rao, M.Tech, FIE, Ph.D
Principal

Prof. V. Nageswara Rao

Associate Professor

Dr. M. V. Kishore, B.E, M.S, Ph.D, HOD

Assistant Professors

Mr. C. Venkateshwara Reddy, M.Tech, (Ph.D)

Mr. P. Naveen Kishore, M.Tech, (Ph.D)

Mr. T. Soma Sekhar, M.Tech, (Ph.D)

Mr. M. Krishna, M.Tech, MBA, (Ph.D)

Mr. V. Harinath, M.Tech, MBA, (Ph.D)

Mr. A. Kalyan Charan, M.Tech, (Ph.D)

Mr. Sampath Siddam, M.S, M.Tech

Mr. M. Aditya Seshu, B.Tech, (M.E.)

Mr. P. Niteesh Kumar, B.Tech, (M.E.)

Mr. K. V. Sai Pavan, B.Tech, (M.Tech)

Area of Specialization

Machine Design

Machine Design

Mechanical Engineering

Industrial Engg. & Management

CAD/CAM

Advanced Manufacturing Systems

Industrial Engg & Management

Thermal Engineering

Thermal Engineering

Thermal Engineering

Thermal Engineering

Turbo Machinery

Advanced Manufacturing Systems

Laboratories:

The department has spacious and well-equipped laboratories to meet the academic requirements.

1. Engineering Workshop
2. Metallurgy Lab
3. Hydraulic Machinery & Systems Lab
4. Thermal Engineering Lab
5. Manufacturing Processes Lab
6. Metal cutting and Machine Tools Engineering Lab
7. Metrology & Instrumentation Lab
8. CAD/CAM/CAE Lab



Hydraulic Machinery & Systems Laboratory



Metrology & Instrumentation Laboratory



Metal Cutting and Machine Tools Laboratory



CAD-CAE Laboratory



Engineering Workshop



Thermal Engineering Laboratory



CAM-Laboratory



Metallurgy Laboratory

SCIENCES & HUMANITIES

The Sciences and Humanities Department imparts education integrating the application of Basic Sciences and Humanities for engineering courses in the streams of Mathematics, Physics, Chemistry and



Dr. T. Shekharam,
HOD

English. The Head of the Department is Dr. T. Shekharam, M.Sc from JNTUH and Ph.D from Osmania University and has 25 years of teaching experience. He has 15 publications in various national and international journals to his credit and attended 12 National and International conferences and presented papers.

There are 19 well-experienced faculty members in the department, which include 3 Doctorates in Mathematics, 1 Doctorate in Physics and English and almost all the other faculty members are pursuing Ph.D in various universities. The faculty plays a significant role in moulding and integrating human values and social concerns. The teaching and non-teaching faculty members closely monitor the holistic development of the first year students, encourage and motivate them at the initial stages of their professional course.

Laboratories:

Physics Laboratory

The Physics Laboratory accommodates 60 students. It is well-equipped with apparatus - Fibre Optics Kit, Hall Effect Kit, Solar Cell, Dielectric Consonant, etc. The department caters to the needs of the engineering students and contributes to the future of the budding engineers.

Faculty

Professor

Dr. T. Shekharam, M.Sc., Ph.D, HOD

Mathematics

Professor

Dr. S. Thiagarajan, Ph.D, I/C

Assistant Professors

M. Ramesh, M.Sc, B.Ed., TS-SET

D. Purnachandar Rao, M.Sc, M.Tech, B.Ed, APSET

Dr. M. Yuvaraju, M.Sc, M.Tech, Ph.D

R. Madhavi, M.Sc.

Dr. K. Sharath Babu, M.Sc, Ph.D

Physics

Professor

Dr. T. Shekharam, M.Sc., Ph.D

Associate Professor

B.V. Seshagiri Rao, M.Sc., I/C

Assistant Professors

M. Sreelatha, M.Sc.

M. Chandra Shekar, M.Sc., SET-TS & AP

Chemistry

Assistant Professors

Ms. K. Sandhya, M.Sc., I/C

Ms. Y. Aparna, M.Sc., B.Ed., M.Phil

Mr. T. Vishnu, M.Sc, B.Ed., NET

Ms. K. Aruna Kumari, M.Sc, B.Ed., TS-SET

English

Assistant Professors

Mr. Prashanth Kuberkar, M.A., PGDTE, TS-SET, I/C

Mr. Ch. Rajaniprashanth, M.A., MCJ, APSET

Mr. D. Hanumantharao, M.A., M.Phil

Ms. K. Sunitha, M.A.

Dr. B. Chandana, Ph.D

Area of Specialization

Semiconductors

Prof. & I/C, Fluid Mechanics

Statistics & Mathematics

Applied Mathematics

Applied Mathematics

Pure Mathematics

Mathematics

Semiconductors

Solid State Physics

Electronics

Electronics and Microprocessors

Medicinal Chemistry

Medicinal Chemistry

Organic Chemistry

Organic Chemistry

American Litt. & ELT

American Litt., ELT & PR

Commonwealth Literature

ELT

Indian English Literature



Physics Laboratory

Chemistry Laboratory

Equipment in the Chemistry Department consists of glass apparatus, instruments ranging from Conductivity meters, Potentiometers, pH meters, Colorimeters, Electronic Balance, Analytical balances, Spectrophotometer, Magnetic Stirrers, Vacuum pump, Condensers & Melting point Apparatus. The department trains the students in the basics of Chemistry required in engineering and social applications.



Chemistry Laboratory



English Language Laboratory

The English Language Lab facilitates the future engineers to develop their communication and soft skills for their professional growth. The Computer - Aided -Language -Learning Laboratory (CALL) is equipped with 30 PCs and one Master Console loaded with exercises in English Pronouncing Dictionary, Wren and Martin Grammar, Study Skills, CRT material, etc. Each system is a Ready- Reckoner to help the students monitor their linguistic and language skills instantly. The Audio-Visual Lab. is equipped with an LCD, Lenovo PC, LG Television 42", LG DVD, Sony Camcorder, etc. where the students presentations are recorded and are trained to develop their soft skills in Debates, Group Discussions,

Mock Interviews, etc., as prescribed in the curriculum. The students are made to think conceptually to face interviews and enhance their employability skills on one-on-one basis.



Audio-Visual Laboratory



Communication Skills Laboratory

C, C ++ Laboratory

C, C ++ Laboratory caters to 60 students at a time working on independent terminals with Lan Connection.

Workshop

Workshop offers the trades of Fitting, Carpentry, House wiring, Plumbing, Welding and Sheet metal work as part of the Curriculum.

Annual Events

The students are groomed as leaders and event- managers in hosting and celebrating the following events annually.

1. Guru Poornima : July/August
2. Teacher's Day : 5 September
3. Engineer's day : 15 September
4. Freshers' Day
5. Technical Festival
6. College Annual Day

Aarunya 2K18



Aarunya 2K18, a Cultural Fest was celebrated on 23rd March, 2018. Students participated in various cultural programmes and enthralled the audience. Competitions were held in various events and prizes were distributed to the winners.



Desi Day and Annual Day were celebrated on 24th March, 2018. Dr. K. P. Srinivas Rao, Chairman, Matrusri Education Society presided over the function. The Chief Guest for the day Sri T. Chiranjeevulu, IAS, Metropolitan Commissioner, HMDA gave an inspiring speech motivating the students to develop attitude in life. Gold Medals sponsored by Matrusri Educational Charitable Trust were presented to the class toppers in the university examinations. Prizes were distributed to the winners of various events. The management, faculty and students participated wholeheartedly in the celebrations.

Orientation Program

Orientation program for BE I year students for the year 2018-19 was conducted on 19.07.2018.



Matrusri Campus Connect: A Platform of the Scientific and Progressive Students



Matrusri Campus Connect (MCC) is a platform exclusively created by and for the students of the college. The objectives of Matrusri Campus Connect are closely unified to those of Osmania University and Matrusri Education Society as a whole. It radiates the essence of compliance and commitment to train the students to become responsible citizens of our country.

General Facilities and Amenities MEC Central Library



MEC is dedicated to the cause of education and research in Engineering and Technology. Students are provided with a well equipped library. The library is open from 9.30 a.m. to 6.00 p.m. and the issue section with open access is available for students. The reference section with 1523 titles and 20214 volumes, hand books, periodicals, back volumes of periodicals, stocks of CDs, audio-visual aids help the faculty and students to refer and collect the best of technical knowhow. The library subscribes 40 National Journals, 16 International Journals and Magazines. Eight computers are loaded with E-Journals, E-Resources and provided with internet facility. Scholarly research documents are also provided to the students and the staff. Online journals are DELNET-IEST, J Gate, NDL, IEI & NPTEL (Total titles are 7238, Current Full Titles 2005 and Abstracts are 5233. E-Books are 385.)

Centenary Celebrations

Centenary celebrations of Er. Maturi Gopal Rao, Founder Chairman, MES and ceremony of unveiling of statues of Er. Maturi Gopal Rao and Sri. Maturi Venkata Subba Rao, Founder Secretary, MES was held on 11.09.17 in Matrusri Engineering College, Saidabad, Hyd.



Training & Placement Cell



Mr.Ch.Rajaniprashanth
M.A., (Ph.D), M.C.J.
Training & Placement Officer

➤ The Training & Placement Cell of the college aims to provide continuous training, internship and placement opportunities to the students. It also organizes on campus, off campus and pool campus recruitment drives for the final year students.

➤ The cell has achieved considerable success in training the students in securing jobs in top MNCs like Netcracker Technology, State Street Corporate Services, Opentext, CtrlS, Amazon, TCS, Wipro, Cognizant, Infosys, Techmahindra, Mindtree, Value Momentum, Kony Labs, Capgemini, Mphasis and Genpact, etc.,

- The college offers training on aptitude and employability skills right from II year and has been providing continuous assessment platform to all 2nd & 3rd year students. These assessments help students to get through competitive exams like GATE, GRE, IELTS and CAT.
- The Training & Placement Cell has also collaborated with Telangana Academy for Skill and Knowledge (TASK) for training and certification courses apart from giving placement assistance to the students.

Cafeteria



Cafeteria in the campus provides hygienic and quality food to students and staff. Necessary precautions are taken while preparing and serving food and other edibles. Fresh and purified drinking water is available to all the students and staff. A Quality Control Committee is formed to monitor the quality of food items and the hygiene maintained in the cafeteria.

Transport Facility

The students of Matrusri Engineering College avail the Transport Facility along with the MVSR Engineering College in 20 different routes.

Reverse Osmosis Water Purification Systems

MEC has installed Reverse Osmosis Water Purification System to supply crystal clear drinking water to students and staff. Apart from the purification system, water coolers are also provided in each floor of the campus.

Sports Club

Sports, co-curricular and extra curricular activities are given topmost priority. Mr. K.V.S Harish, Asst. Physical Director organizes the Sports Meet. Our students are encouraged to participate in national, state and university level competitions to excel in Cricket, Basket Ball, Athletics, etc.



Matrusri Educational Charitable Trust (MECT)

Matrusri Educational Charitable Trust (MECT) founded in the year 1992 encourages the students to develop a competitive spirit throughout the four years of study in their course work. Sri. Konijeti Venkataratnam is the President and Sri K. Seetha Ram Babu is the Secretary of MECT. The trust motivates the students in their academic performance, awards Gold Medals to the class toppers and honors the staff with the Best Teacher Awards in every Annual Day celebrations.

Maturi Venkata Subba Rao Engineering College (MVSREC)

<http://www.mvsrec.edu.in>

Matrusri Education Society established Maturi Venkata Subba Rao (MVSR) Engineering College in 1981 located in a sprawling campus at Nadargul, Ranga Reddy District in Telangana. Engineering courses are offered in Automobile Engineering, Mechanical Engineering, Civil Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Computer Science and Engineering and Information Technology. Post Graduate courses are also offered in CAD/CAM, Computer Science Engineering, Embedded Systems, VLSI Design and MBA.

Matrusri Institute of Post Graduate Studies

<http://www.mipgs.ac.in>

Matrusri Institute of Post Graduate Studies was established in 2001 to set a new benchmark in imparting world class education. Professional excellence, interactive learning environment and industrial exposure are our forte. The qualified faculty members emphasize on the production of excellent managers to serve the industry.

MECS – Fourth Batch Students (2014-18)**Civil Engineering****Computer Science and Engineering – I****Computer Science and Engineering – II****Electronics & Communication Engineering – I****Electronics & Communication Engineering - II****Electrical & Electronics Engineering****Mechanical Engineering**



Abhigyaan Project Expo 2k18



Abhigyaan Project Expo 2k18



One-Day Seminar on Smart Materials



Faculty Development Programme



NTSET 2018



Alumni Meet – Reunion 2018



Traffic Awareness Program



Clay Ganesh Workshop



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