

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.

MISSION

- To provide state of the art resources that contributes to achieve excellence in teaching-learning, research and development activities.
- 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.
- 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.
- 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.



Volt-Amps

2015 - 2016

DEPARTMENT OF **EEE** NEWSLETTER



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ABOUT THE DEPARTMENT

The department of Electrical and Electronics Engineering at Matrusri Engineering College (MECS) established in the year 2011-12 with an intake of 60 students. The department is equipped with latest equipments and experimental setups in the laboratories to help in teaching learning process. The Department also conducts number of workshops, seminars and conferences to enhance the knowledge and to get awareness among the students with the latest technologies. The Electrical and Electronics Engineering graduates are groomed in subject knowledge like Electrical Machines, Power Electronics, Power Systems, Digital Signal Processing, etc. and technical knowledge through coursework that is relevant to current technology; they develop the ability to synthesize and envisage solution to real time problems through their immersion in the problem based activities.

FROM HOD DESK

As the saying goes "Face is the index of mind", a news letter showcases all that is an exemplary to an organisation. We at Matrusri believe in 'holistic education' and 'learning beyond the classroom'. We strive to inculcate in our teachers and students, an indomitable spirit of excellence in all our co-curricular and extra-curricular activities that form a part of our academics. Our committees, cells, centres and clubs continuously engage in various activities aiming at the overall development of the students by bringing the best in them and moulding them into true assets of the nation both as good citizens and brilliant professionals

Faculty Corner

FACULTY PUBLICATIONS

- ❖ Dr. G.Ravindranath, "Tellegen Theorem based Load Flow Solution of Radial Distribution Network with laterals", International Conference on Power and Advanced Control Engineering (ICPACE) 2015 Volume: 1, Pages 99-103, ISBN: 978-1-4799-8371-1.
- ❖ Dr. G. Ravindranath, "Design of Optimum Sized Rotor of a BLDC Motor for a High Performance Actuator", Indian Journal of Applied Research, Vol-5, issue-3.
- ❖ P. Kishor, "Fuzzy Logic Controller based Electronic Load Flow controller for Self-Excited Induction Generator", National Conference at Mallareddy Women's Engineering College, Volume 1.
- ❖ M.Saritha "Performance and Analysis of 3Phase PWM Inverter with Fuzzy Interface Direct Current Controller", International Journal of Scientific Engg. and Pechnology Vol-5, ussue-6, March-2016.

FDPS / STTPS / WORKSHOPS ATTENDED BY THE FACULTY

- ❖ Dr. G.Ravindranath has given Guest lecture on "NBA Orientation Programme" scheduled from 06.06.2016 to 07.06.2016 at Andhra Loyola Institute of Engineering and Technology.
- ❖ Mr. P. Anil Kumar, Mr. B.Madhukar and Mr. M. Praveen Reddy have attended one week workshop on "Power Electronics and Drives for Vehicular Systems – Technology Status & Future Trends" from 23-11-2015 to 28-11-2015 at Osmania University, Hyderabad.
- ❖ Mr. P.Anil Kumar and Mr.P.Kishor have attended one day awareness workshop on "Outcome based Education & Accreditation" on 14.09.2015 at JNTU, Hyderabad.
- ❖ Mr. P.Kishor and Mrs. M.Saritha have attended one week Faculty Refresher Course on "Control System Theory" From 04-01-2016 to 08.01.2016 at MVSR Engineering College.

MEMBERSHIPS IN PROFESSIONAL BODIES

Institute of Electrical and Electronics Engineers-Student Branch (IEEE):

- ❖ Matrusri Engineering College has been certified as Educational Institution Member by IEEE with an Institutional Membership No School Code: 60105217 in 11th May 2015.
- ❖ About 12 students from EEE have got IEEE student membership.

EVENTS ORGANISED

- ❖ Guest Lecture on "Hot Line Techniques" by Mr. K. V Ramakrishna, ADE, TRANSCO on 09.03.2016.
- ❖ Guest Lecture on "Smart Grid" by Mr.G.Mahesh Kumar ADE & Mr. T Sridhar, ADE,CPTI, on 22.08.2015.

- ❖ "Skill Set Training Programme Covering PLC, SCADA" by MEPAC³ Solutions from 29.09.2015 to 01.10.2015
- ❖ Guest Lecture on "Industrial Drives Control Mechanism" by Mr. V.Madhukar, Associate Director, Prolific on 22.03.2016.

EVENTS ORGANIZED IN ASSOCIATION WITH IEEE

- ❖ Technical Talk on "Emerging Trends in Power System Planning and Operation" by Dr.R.Balasubramanian (Chairman, IEEE, PES/IAS/PELS) organized in association with IEEE Hyd. Section on 16.10.2015.
- ❖ Talk on "Benefits of IEEE to Student Members" by Dr.Y.Vijayalatha Reddy (SAC Chair, IEEE Hyderabad section) on 16.10.2015
- ❖ The IEEE Hyderabad section initiated "Skill Connect" program for the benefit of students on 29.01.2016.

Students' Corner

INTERNSHIPS BY STUDENTS

- ❖ Study of Manufacture of Turbo Alternator by S.Prashanth Naik of 3EEE at BHEL, Hyderabad from 02.07.2015 to 16.07.2015.
- ❖ Study of Manufacture of Turbo Alternator by Mysa Harshavardhan of 4EEE at BHEL, Hyderabad from 03.07.2015 to 17.07.2015.
- ❖ Generator Construction and Features by G.Abhinash at BHEL, Hyderabad from 16.07.2015 to 31.07.2015.
- ❖ G. Yogiram of 3EEE in HMT Pvt.Ltd from 29.12.2015 to 04.01.2016.

PARTICIPATION OF STUDENTS IN INTER & INTRA INSTITUTE EVENTS

- ❖ N.Nagaraju and V. Vishal Kumar of 3EEE have participated in Panoply event in Techsonance 2016, National Level Technical Symposium conducted from 04.03.2016 to 05.03.2016 at OU, Hyderabad.
- ❖ V.Vishal Kumar of 3EEE has presented a Paper in Stanfest 2k16 on 24.03.2016 at Stanley College Of Engg. Tech for Women.
- ❖ Md.Azeez of 3EEE has participated in Quiz in Stanfest 2k16 conducted on 24.03.2016 at Stanley College Of Engineering Technology for Women.
- ❖ Md.Azeez of 3EEE has participated in Samavarthan 2k16 conducted from 10.03.2016 to 11.03.2016 at MVSR Engineering College.
- ❖ P.Ashish, T.Gopi Chand, B.Yashwanth, K.Avinash, K.Chetan Kumar, Mohd Wael Ali Babar and Ch Srinath Reddy of 2EEE have participated "Industrial Training in Generators" at BHEL.
- ❖ B.Kavitha and Azeez Pasha of 3EEE have participated in Messy Meshes and Tech Quizard in SADHYA 2K16 at MECS on 12.02.2016.
- ❖ Azeez Pasha of 3EEE worked as coordinator for SADHYA 2K16 organised at MECS on 12.02.2016.
- ❖ Mysa Harshavardhan of 4EEE has participated in "Skill Set Training on PLC & SCADA" conducted from 30.09.2015 to 01.10.2015 at MECS.
- ❖ V.Vishal Kumar of 3EEE has attended Youth Convention Shraddha at Vivekananda Institute of Human Excellence conducted from 10.09.2015 to 12.09.2015.

PRIIZES/AWARDS RECEIVED BY STUDENTS

- ❖ Md. Azeez of 3 EEE has won 3rd Prize in Technical Quiz Event in STANFEST 2K16, State level Technical Symposium conducted by Stanley College of Engg. & Tech for Women on 24.03.2016.
- ❖ Ch Saikumar and Unissy Prathyusha of 4EEE have won 1st and 2nd prize respectively in Abhigyan 2K15 - Project Expo conducted on 09.10.2015.

TOPPERS IN I, II AND III YEAR OF BE- EEE

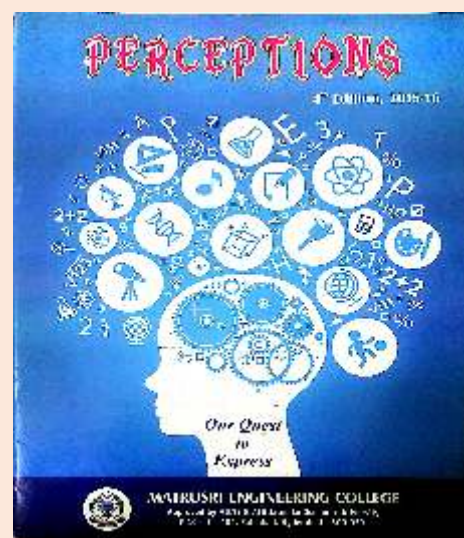
- ❖ Ch.Saikumar of IV Year is awarded Gold medal for academics in III Year.
- ❖ B.Sateesh of III Year is awarded Gold medal for academics in II Year.
- ❖ P.Apurva Sri of II Year is awarded Gold medal for academics in I Year.

STUDENTS' PLACEMENTS

- ❖ Nissy Prathyusha Undrajavarapu got placed in Capgemini.
- ❖ Shiva Chena got placed in Keolis.
- ❖ Malya Banoth got placed in Keolis.
- ❖ Nagaraju Parunagot got placed in Mind Tree.
- ❖ Srinath Gone got placed in Genpact.

PARTICIPATION OF STUDENTS IN COLLEGE MAGAZINE

- ❖ K. Rithika Reddy of I EEE has published article on Human Life in college magazine, Perceptions 2015-16.



Guest Lectures



GROUP PHOTO - IV YEAR EEE STUDENTS WITH FACULTY ELECTRICAL AND ELECTRONICS ENGINEERING BATCH 2012-16

