



Current News-EEE

DEPARTMENT OF

ELECTRICAL AND ELECTRONICS ENGINEERING

Vol 3: JULY 2023



Dr. VSK Reddy, Director
B.Tech, M.Tech, Ph.D (IIT-KGP),
FIETE, MIEEE, MISTE, MCSI, MHE-
UK

Director's Message

I deem to honor the faculty and student members of Emerging Technologies for their constructive and continuous work of the newsletter "current news EEE". The open access newsletter highlights the creative skills and talents of students, encouraging them to develop further. I wish them all success and advance higher.

Principal's Message



Dr. S Srinivasa Rao,
Principal B.Tech, M.Tech,
Ph.D (JNTUH), MIEEE,
MISTE, MIETE

It gives me immense pleasure to forward my message to the Newsletter brought up by the Department of EEE. As stated in the Bhagavad Gita, the knower (student), the knowing (teacher) and the known (knowledge) constitute the triune stimulus to action. To create right action, teachers and students must work together on the battleground of values. Our aim is to empower our students to become global citizens by providing them a roadmap to opportunity for a better life through developing their potential. Education is and always will be a challenging enterprise, especially in the current situation of the global pandemic, but I am confident that the Department of Emerging Technologies can overcome every challenge and help our students become self-aware, resilient and confident citizens prepared to take on the world and win!

About Malla Reddy College of Engineering & Technology

Malla Reddy College of Engineering & Technology (MRCET) is a constituent College of Malla Reddy Group of Institutions (MRGI) established in 2004.

The College offers Engineering courses (B.Tech) in AE, CSE, CSE(AI&ML), CSE(CS), CSE(IoT), CSE(DS), AI&ML, AI&DS, ECE, EEE, IT, MECH discipline, and Post Graduate (M Tech) courses in

ECE, CSE, MECH and AE specializations in addition to MBA programs. The College campus with its arboriculture and horticulture is situated away from the hustle and bustle of the city and provides a serene atmosphere, which is conducive to both teaching and learning process.

APPROVALS



- Approved by AICTE, Govt. of India, New Delhi.
- Autonomous Institution, UGC Govt Of India.
- Permanently Affiliated to JNTUH, Hyderabad.
- Accredited by NBA, New Delhi, India.
- Accredited by NAAC with A-GRADE, UGC, New Delhi.
- ISO 9001:2015 Certified Institution.
- Approved by Govt. of Telangana, India.
- UGC 2f & 12(B) recognized institution, New Delhi

SPECIAL ACHIEVEMENTS

- Autonomous Institution, UGC, Govt. of INDIA. Accredited by NBA (Tier-1), AICTE, New Delhi
- IBM Centre of Excellence
- Accredited by NAAC-A Grade, UGC, Govt. of India
- ISO 9001:2015 Certified Institution.
- Research Centre Status, JNTUH, Hyderabad
- 2(f) & 12(B) Recognition, UGC, Govt. of India.
- MoU with NRDC, Govt. of India
- AICTE-MHRD Institution Innovation Council, Ministry of HRD, Govt. of India.
- Industry Institute Partnership Cell (IIPC).
- Recognition of Scientific Industrial Research Organizations (SIROs) by Govt. of India.
- CISCO International Certification Authorized Centre.
- Nodal Center: IIT - Bombay/Kharagpur for Technology Transfer
- NASSCOM Nodal Center for NAC - Test Assessment
- Business Incubation Centre - MSME, Govt. of India



DEPARTMENT EVENTS

- Hands on workshop on MATLAB & SIMULINK for II-EEE
- Engineer Day Celebrations
- A Two Day National level Techno-Cultural-Sports Fest-Souvenir-2K23
- Industrial Visit to K.T.P.P for III EEE students
- National Energy Conservation Day
- CRT Program for IV EEE in association with HCL
- VIRTUSA company Specific CRT Program for IV B.Tech EEE in associate with Logik works



Dr T Venugopal
Dean Academics

Dean's Message

I am very much obliged and delighted to congratulate the department of EEE for

continuing the journey of technological innovation in bringing the third edition of their flagship "e-Samachar", the ensemble of faculty and student achievements. I congratulate all the editors and co-editors of the newsletter for continuing the innovative journey. Happy to see so many innovative ideas, projects and prototypes by the students which resembles their well-being and progress in their career path.

HoD EEE Message



Dr.M SHARANYA

I would like to give an immense appreciation to EEE team for their continuous involvement in the development of Current news EEE newsletter, headlining the accomplishments of the departmental activities. Technology progress has merely provided our students to get engrossed in projects suitable for the society. This digital document is an integral means of communication to the society that imprints students' intellectual ideas and achievements. It is being a very positive experience as the efforts are documented and reachable to all twice a year.

Faculty Publications (2022-23)

DR.M SHARANYA
PROFESSOR & HEAD-EEE

"An Innovative Micro-Grid Hybrid Power System Using Hydro, Wind, And Solar Photovoltaic Energy Sources In Remote Village"
Semiconductor Optoelectronics,JAN,2023,ISSN: 1001-5868

DR.KARIMULLA P SK
ASSOCIATE PROFESSOR

Power System Performance Enhancement With FACTS Devices"
Journal Of Engineering Science And Technology Review,August 2022,ISSN: 1791-2377

DR.MADHU MOHAN
ASSISTANT PROFESSOR

An Innovative Micro-Grid Hybrid Power System Using Hydro, Wind, And Solar Photovoltaic Energy Sources In Remote Village,Semiconductor Optoelectronics,JAN 2023
ISSN: 1001-5868

A Novel Adaptive Restarting Genetic Algorithm For Transmission Congestion Alleviation In The Deregulated Power Market,Electric Power Components And Systems,Jul 2023,ISSN: 1532-5008

PARENT-TEACHER MEETING (PTM)



National **ENERGY CONSERVATION DAY**

**14 DECEMBER
2022**
WEDNESDAY



DEPARTMENT OF EEE



**ONE DAY INDUSTRIAL
VISIT TO KAKATHIYA
THERMAL POWER PLANT,
CHELPUR, JAYASHANKAR
BHUPALPALLY, 11-11-2022
for III EEE Students.**



MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY



(Autonomous Institution - UGC, Govt. of India)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



**INDUSTRIAL VISIT
TO**

**KAKATHIYA THERMAL POWER PROJECT
CHELPUR, JAYASHANKAR BHUPALAPALLY**

Date: 11-11-2022



Malla Reddy College of Engineering and Technology has organized the Graduation Day on 10.06.2023 in the Main Auditorium at 10:30 am. Around 906 graduates with their parents attended the ceremony to celebrate their success.



The Hon'ble Chief Guest of the programme was Sri. Ch. Malla Reddy, Hon'ble minister for labour and employment of Telangana state, Founder Chairman (MGRI). The other prominent guests are Sri. Ch. Mahender Reddy, Secretary (MRGI), Dr. Ch. Bhardra Reddy, President (MRGI), DR. VS Reddy, Director(MRCET), Dr. S. Srinivasa Rao, Principal(MRCET), Dr. T. Venugopal, Dean Students Welfare

SATURDAY- 10 JUNE, 2023
AUDITORIUM, BUILDING 1



ENGINEER'S DAY CELEBRATION



EEE Department celebrated
Engineer's Day on 15th
September 2022 in honor of
Dr. M Visvesvaraya.





MRCET CAMPUS

(Autonomous Institution - UGC, Govt. of India)



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

HEARTY CONGRATULATIONS

THIRD BATCH (2019-2023) CAMPUS PLACED STUDENTS



Name of the Placed Company	No of Students Selected
Cognizant	15
Accenture	11
DXC technology	10
HCL	9
SUTHERLAND	8
TCS	6
ValueMomentum	3
Virtusa	3
Prolifics	2
ITC	1
Mphasis	1
Technotion	3
Adroid Neo tech solutions	6
SOFT SOLUZ	1
Aparna Electronics	1
Amazon	1
ABJA Power Pvt Ltd(MyHome)	1
Total	82

No of Students Opted for Higher Studies (MS in US)



CURRENT NEWS EEE

EFFECTIVE EFFICIENT AND ENERGETIC



A NEWS LETTER FROM DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Volume 3 , JULY 2023

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Vision:

To strengthen the department into a center of academic excellence with focus on advanced technology and research by delivering the best quality technical education to the students in meeting the current and future challenges with emphasis on moral and ethical foundation.

Mission:

To create and enrich academic environment with essential resources, so as to train and mould students to promote active learning, critical thinking with innovative ideas to solve real-world problems in the field of Electrical Engineering.

Quality Policy:

Ensure high standards in teaching and learning, while consistently embracing faculty development programs, to provide students with a comprehensive education in electrical and electronics engineering and achieve the institution's goals.

EDITORIAL MEMBERS



Dr. Karimulla P Sk
Associate Professor



Mr. R Sai Kiran
Assistant Professor



Mr. TV Prasad
Associate Professor

