

Newsletter@ April 2022 Month



MNR



COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E. Recognized by Govt. of Telangana. Affiliated to J.N.T.U. Hyderabad)

MNR Nagar, Fasalwadi, Sangareddy-502294. Ph: 08455233333.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELECTRONIC BUZZ

ISSUE DATE:30-04-2022



Ugadi

Good Friday



MNR

COLLEGE OF ENGINEERING AND TECHNOLOGY



Our Chairman Sri M.N. Raju Garu Message:-

I had no opportunity to attend any School or College during my early life. This only strengthened my determination to study intensely.

As I grew, I had this single-minded desire to offer a Platform for Youngsters to pursue basic Education. During these 55 years of service as a Teacher, I realised how much our future generation's success depended on Education. It is my firm belief that the two essential factors that enrich our lives are Education and Health and it is my endeavour to provide both through MNR Educational Trust with the help of my dedicated team.

Our Vice Chairman Sri M.S. Ravi Varma Garu Message:-



"The inspirational intellect of the next generation"

The young Vice Chairman of the Trust is accelerating the growth of the Institution with his great passion and actuary skill. As a mentor he has imbibed the legacy of Shri M N Raju and is working for the all round development of MNR Educational Trust. Armed with optimism and a pragmatic growth approach, he believes that Technology and Systems will play an integral part in shaping the future of the Trust.

He is redefining the etiquette of quality education with an indomitable team spirit, for students he is a pacemaker with hallmarked practice of teaching and learning process. He embraces the welfare and promotion of the Trust with a wise objective outlook. He is known for his innovative and exemplary skills.

"We have inherited the passion of Education and would like to see that this passion for education spreads like an endemic. The world would then be a better place to live in. It is our dream to make MNR group of Institutions not only the best in the country but also to make it attain the status of a Deemed University".

About our Principal, Dr. E.L.Nagesh Garu:-



Dr. E.L.Nagesh is an eminent professor and an able administrator with over thirty years of experience in engineering academics, with proven academic and administrative skills as Principal and Professor. He has established a mark of his own, Dr. E.L. Nagesh has graduated; Post graduated and took his Doctorate degree from prestigious JNTU University, Hyderabad. Dr.E.L.Nagesh has good research track, under his guidance four Ph.D's have been awarded, has several research papers published in National and International Journals. He participated and organized seminars at various academic institutions and industries. He is a member of number of prestigious Academic, Industrial and Research Institutions and governing body member of prestigious institutions. In the tenure of his career he is known to be a committed teacher, an eminent Head of Department and a dynamic Principal.




About our ECE Department:-

The Department was established during the inception of the institution in the year 2008 with an intake of 60. The main objective of the Department is to impart quality education, training and research in various areas of Electronics & Communication Engineering with broad emphasis on design aspects of electronic systems. Well-equipped labs and infrastructure are regularly upgraded not only to serve the purpose of the curriculum prescribed by JNTUH but also facilities to carry out innovative project to challenge the fast changing needs of the society.

The ECE Department is equipped with 15 labs, Departmental computer Centre, dept. library, classrooms with modern teaching aids and staff room.

The Laboratories includes

- 1) Basic Electrical & Electronics Engineering Lab
 - 2) Electronics and Devices and Circuits Lab
 - 3) Digital System Design Lab
 - 4) Basic Simulation Lab
 - 5) Analog and Digital communication Lab
 - 6) IC Applications Lab
 - 7) Electronic Circuit Analysis Lab
 - 8) Gender Sensitization Lab
 - 9) Microprocessors & Microcontrollers Lab
 - 10) Data Communications and Networks Lab
 - 11) Advanced Communication Skills Lab
 - 12) Digital Signal Processing Lab
 - 13) e-CAD Lab
 - 14) Scripting Languages Lab
 - 15) Microwave and Optical Communications Lab
- 

About Our HOD D.Srinivasulu, M.Tech(ECE), MNR CET:-



D. Srinivasulu works as a HOD in the Department of Electronics and Communication Engineering has 18 years of experience in Teaching. He worked in different institutions to teach and guide students. He is dedicated and Practical oriented teacher. He is having learning attitude and he shares his knowledge to students and staff members in a friendly manner.

About Our Department Coordinator, M. Kavitha, M.Tech, MNR CET:-

M. Kavitha working as a Department Coordinator in Electronics and communication Engineering has 9 years of Teaching Experience. She was received Best Teacher in the institution in the year of 2019 on Teachers Day Celebration.



About Our Faculties:-

Electronics and Communication Engineering having Ten Faculty members. They are


- 1) D. Srinivasulu, HOD, ECE Dept.
- 2) M. Kavitha, Dept. Coordinator, ECE Dept.
- 3) K. Uttam, Assistant Professor, ECE Dept.
- 4) S. Susmitha, Assistant Professor, ECE Dept.
- 5) G. Srinivas Reddy, Assistant Professor, ECE Dept.
- 6) P. Prasanna Kumari, Assistant Professor, ECE Dept.
- 7) A. Mamatha, Assistant Professor, ECE Dept.
- 8) G. Archana, Assistant Professor, ECE Dept.
- 9) B. Amala, Assistant Professor, ECE Dept.
- 10) K. Pranitha, Assistant Professor, EEE Dept.

Events organized by ECE Department




29th April 2022:- ECE Department Organized an extra curricular activity of Team Building Activity: Crossing Galaxies at 2.30PM to 3.30PM by G. Archana, Asst. Professor, ECE Department, MNR CET.



28th April 2022:- ECE Department Organized a Co Curricular Activity of seminar on What is VLSI at 1.30PM to 2.30PM by K.Harini, IV ECE Student, MNR CET which is organized by B.Amala, Asst. Professor, ECE Department, MNR CET.



MNR COLLEGE OF ENGINEERING AND TECHNOLOGY
FASALWADI, SANGAREDDY
Affiliated to JNTU-H, Approved by AICTE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Seminar on VLSI

Co-curricular Activity
on 28th APRIL 2022
At
1.30PM-2.30PM

Convener:
Dr.E.L. Nagesh,
Principal,
MNR CET.

Presented by
K.Harini, ECE-IV Year, MNR CET.

Co-ordinators:
D.Srinivasulu, HOD-ECE Dept.,
M.KAVITHA, Dept. Coordinator- ECE Dept.

Organized by
B.Amala- Asst. Professor - ECE Dept.



27th April 2022:- ECE Department Organized a Guest Lecture on seminar on Topic Maxwells's Equations by Dr V Rama Krishna Sharma, Ph.d, M.Tech, Associate Professor, Sreenidhi Institute of Science and Technology on Zoom which is organized by D.Srinivasulu, HOD, ECE Department, MNR CET.



MNR COLLEGE OF ENGINEERING AND TECHNOLOGY
FASALWADI, SANGAREDDY
Affiliated to JNTU-H, Approved by AICTE
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Guest lecture
On
**Maxwell's Equations: A backbone for wireless communications-
It's origins & Interpretations.**

Maxwell's equations (Stationary media)

$$\nabla \cdot \mathbf{E} = \frac{\rho}{\epsilon_0}$$

$$\nabla \times \mathbf{E} = -\frac{\partial \mathbf{B}}{\partial t}$$

$$\nabla \cdot \mathbf{B} = 0$$

$$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \mu_0 \epsilon_0 \frac{\partial \mathbf{E}}{\partial t}$$

Extended Maxwell's equations (Moving charged media)

$$\nabla \cdot \mathbf{E} = \frac{\rho}{\epsilon_0}$$

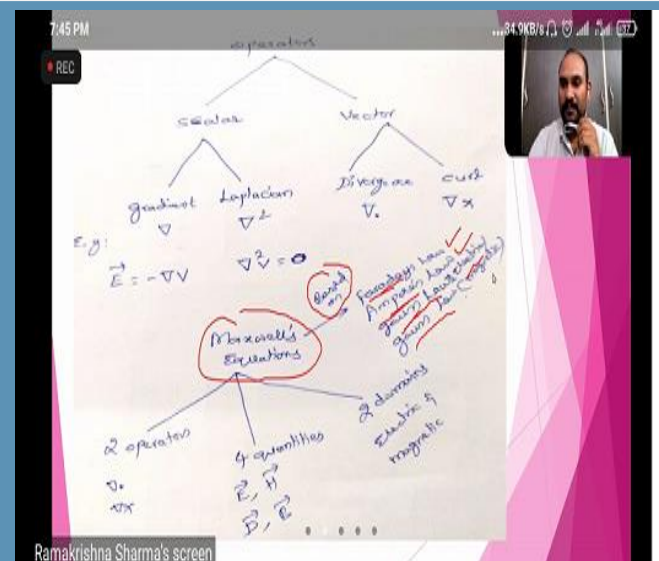
$$\nabla \times \mathbf{E} = -\frac{\partial \mathbf{B}}{\partial t}$$

$$\nabla \cdot \mathbf{B} = 0$$

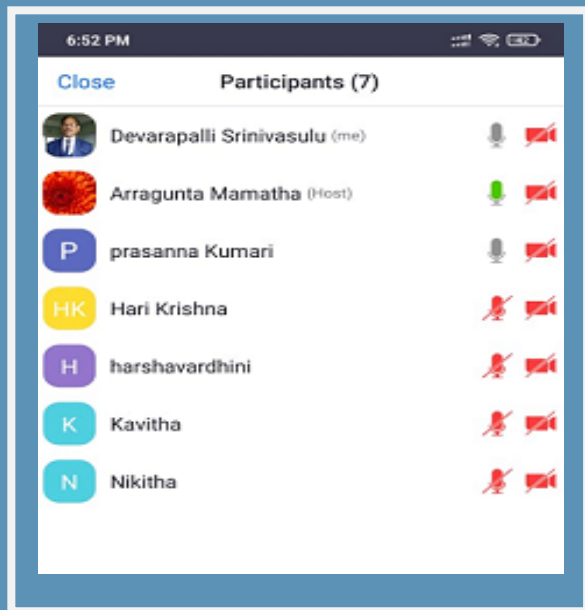
$$\nabla \times \mathbf{B} = \mu_0 \mathbf{J} + \mu_0 \epsilon_0 \frac{\partial \mathbf{E}}{\partial t}$$

Convener:
Dr. E.L. Nagesh,
Principal,
MNR CET

Co-ordinators:
Mr.D.Srinivasulu, HOD-ECE Dept.
Mrs.M.Kavitha, Dept. Coordinator- ECE Dept.



Meetings organized by ECE Department



🚩 **30th April 2022:-** ECE Department Organized PTA Meeting on Saturday at 6.30.PM in Zoom. Most of the Parents of II, III & IV years are attended.

Sri M N Raju 84th Birthday Celebrations



🚩 **25th April 2022:-** MNR Educational Trust celebrated two Splendid moments that is 84th Birthday of Sri M N Raju, Founder Chairman, MNR Educational Trust and 49th Anniversary of MNR Educational Trust at MNR Campus, Sangareddy. On the Occasion various games and cultural activities were conducted, In the game of Musical Chairs Mrs. S.Saideepthi, Asst. Professor, CSE Dept, MNR CET won the 1st prize.



🚩 **23rd April 2022:-** MNR College of Engineering and Technology organized a sports day CALLIDUS on Saturday. Most of the Students Participated in the Indoor games like Chess Competition , Carom Competition and Outdoor Games like Kho-Kho, Kabaddi, Cricket.

🚩 **30th April 2022:-** MNR College of Engineering and Technology organized an Annual day CALLIDUS on Saturday. Students of all years of MNR CET participated in the Cultural Events and on the occasion of Annual day Prizes distributed to those students who won the games conducted on Sports day.



📅 **22nd April 2022:-** ECE Department faculty meeting conducted at 12 noon in S101 room, About Monthly Report, Test Conduction, III & IV year mid exams discussed.

📅 **27th April 2022:-** On this day Admission meeting conducted about sending a greeting message to intermediate students.



📅 **29th April 2022:-** All Faculty conducted mentor meeting with their mentees and discussed their issues

📅 **14th April 2022:-** Holidays given to students and all faculties from 14th to 17th April on the occasion of Ambedkar Jayanthi and Good Friday.

Prepared by
S.Susmitha