



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, Accredited by NAAC with A Grade, Approved by AICTE and Affiliated to JNTUH)
Recognised by UGC under section 2(f) of the UGC Act, 1956.

Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in



Department of Electrical and Electronics Engineering

22 March 2025

Report of Guest Lecture on "A Pathway to Science, Engineering and Technologies" for I BTech EEE students on 19 March 2025

The EEE department has organized a guest lecture on "A Pathway to Science, Engineering and Technologies" for I BTech EEE students on 19 March 2025. The guest lecture is scheduled from 14:00 to 16:00 Hrs. at Seminar Hall II(WB-402). Inaugural function was attended by the Speaker Dr. Martha N. Reddy DRDO Scientist (retd.) & Outreach Teacher to Youth, Principal Dr J Madhavan, HOD-EEE Mrs. S Deepti, Workshop in-charge Mrs. R Manju Bhargavi, EEE staff, I year EEE students. The venue was Seminar hall II(WB 402)

Speaker:



Dr. Martha N. Reddy **DRDO Scientist (retd.) & Outreach Teacher to Youth**

Dr.M.N.Reddy is retired senior Scientist and Associate Director of Laser Science & Technology Centre (LASTEC), DRDO Delhi. Dr.Reddy did his M.Sc. (Physics-Electronics) and M.Phil (Physics-instrumentation) from Central University Hyderabad in 1981 and 1983 respectively. He completed his Ph.D from IIT Kanpur in the field of Lasers and Laser High Resolution Spectroscopy of Rydberg Atoms in 1988. He joined LASTEC, DRDO, Delhi in 1989 as Scientist 'C' and worked on several important drdo projects and subjects. High Power Fiber Lasers and Laser Beam Combining for Laser Directed Energy Weapons applications, Adaptive Optics for laser beam propagation through turbulent atmosphere, Laser Raman Spectroscopy based Stand-off Explosives Detection systems for Indian National Security agencies etc. All of these fields were first started and nurtured by him in DRDO and now they have turned into major projects in different drdo labs. He also served as a member of DRDO Think-tank for 2.5 years for forecasting and analysis of various defence systems & technologies and also helped in launching some important new projects in different labs. He was a visiting research scientist to Adelphi University, NY for a year during 1996-97.

He superannuated in September 2018 and now settled in Hyderabad. He is presently engaged in Outreach Teaching to Indian Youth on Scientific Temperament & Skills development. He is also serving as an advisor to some premier educational institutes and a few Pvt. Industry for Technology Development and Manufacturing.

India First and Rest all Next is his present national campaign.

Circular:

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Department of Electrical and Electronics Engineering

17 March 2025

Circular

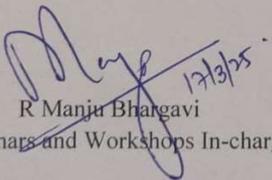
All the I B Tech EEE students are hereby informed that the Department of EEE is conducting a guest lecture on "A Pathway to Science, Engineering and Technologies", which is scheduled on 19 March (Wednesday) 2025 under IQAC.

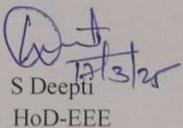
S.no	Branch	Timings	Venue	Speaker name
1	I Btech EEE	02:00 PM to 04:00 PM	Seminar hall II(WB-402)	Dr. Martha N. Reddy DRDO Scientist (retd.) & Outreach Teacher to Youth.

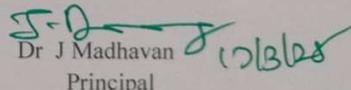
All the students must attend the guest lecture without fail.

The attendance will be taken by the respective faculty as per the class timetable and will be entered in their respective registers.

All the teaching and non-teaching faculty who do not have class-work/ lab are invited to attend the lecture.


R Manju Bhargavi
Seminars and Workshops In-charge


S Deepthi
HoD-EEE


Dr J Madhavan
Principal

Banner:



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**Department of Electrical & Electronics Engineering,
and Department of Electronics and Communication Engineering
Internal Quality Assurance Cell (IQAC)**

is organizing
A Guest Lecture
on

"A Pathway to Science, Engineering and Technologies "

By

**Dr. Martha N. Reddy
DRDO Scientist (retd.) & Outreach Teacher to Youth**

for

I B tech EEE & ECE A & B Sections

19 March 2025
 14:00 to 16:00
 Seminar Hall-II (WB-402)

Schedule:



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**Department of Electrical and Electronic Engineering
And
Department of Electronic and communication Engineering**

Schedule for Inaugural Ceremony on 19 March 2025

A Guest lecture on

"A Pathway to Science, Engineering and Technologies"

Venue: Seminar Hall-II (West Block 402)

S.no	Time (Hrs.)	Speaker
1	9:35-9:40	Welcome note by P Sai Durga, I ECE A
2	9:40-9:45	Address by HOD-ECE, Ms S Manjula, Associate Professor, ECE
3	9:45-9:50	Address by HOD-EEE, Ms S Deepti, Associate Professor, EEE
4	9:50-9:55	Keynote address by Dr J Madhavan, Principal
5	9:55-10:05	Keynote address by Resource Person Dr. Martha N. Reddy DRDO Scientist
6	10:05-10:00	Vote of Thanks by Jalum Hasini, I EEE
7	10:00	Session starts

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Ms R Manju Bhargavi
Seminars & Workshops Coordinator

Ms S Deepti
HoD-EEE

The Department of Electrical and Electronics Engineering (EEE) at Bhoj Reddy Engineering College for Women organized a guest lecture on “*A Pathway to Science, Engineering, and Technologies*” for first-year B.Tech EEE students on **March 19, 2025**. The session provided valuable insights into the evolving landscape of science and engineering, emphasizing the growing global competition in technological advancements. The speaker underscored the importance of acquiring multidisciplinary knowledge and skills to drive innovation and contribute to the development of cutting-edge technologies, products, and systems. The lecture also shed light on emerging technology trends and the dynamic startup ecosystem, highlighting opportunities for developing and manufacturing new products on a global scale. Additionally, the speaker offered practical guidance on career planning, equipping students with strategies to pursue opportunities in premier research institutions and leading corporate organizations. This session served as an eye-opener for students, inspiring them to explore diverse technological domains and prepare themselves for impactful careers in science and engineering.



Figure 1,2: During the inaugural session



Figure 3,4: During the Guest Lecture Dr.M.N.Reddy



Figure 5-7 : Guest Lecture photos during the event

The Feedback from the students was taken. Overall feedback of the Guest Lecture is Excellent and active participation of students during the lecture was notable, and students were engaged throughout the session. Students' thoughtful questions and insightful comments added a lot of value to the overall discussion. We could tell that students have a good grasp of the subject matter as the lecture was informative and enlightening. In future, we can encourage students to continue attending such events and to keep learning and growing in their field of interest.

R Manju Bhargavi, Seminars and Workshops In-charge faculty expressed her sincere gratitude for allowing EEE department with and the opportunity to conduct a guest lecture at BRECW. She appreciated the support that management gave and said it was informative session. Once again, she said thank you for allowing them to contribute to the learning and development of their students and the session was concluded by the vote of thanks by T Hasini a student of I EEE.

R Manju Bhargavi
Seminars and Workshops In-charge

S Deepti
HoD-EEE