



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, Accredited by NAAC with A Grade, Approved by AICTE and Affiliated to JNTUH)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in



21 March 2025

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

The ECE department has organized a guest lecture on " **A Pathway to Science, Engineering and Technologies**" for I BTECH ECE 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 Mrs. S Manjula, Workshop in-charge Mrs. K Virija, ECE staff , I year ECE 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.

Invitation:



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Vinaynagar, I S Sadan X Roads, Saidabad, Hyderabad - 500 059, Telangana
Telephone: 040-2453 1725 / 7282; Email: principal@brecw.ac.in; Website: www.brecw.ac.in

College Codet(32)

Ref. No. BRECW/POGL/AY2024-25/239

Dated: 10.12.2024

Dr J Madhavan
Professor and Principal

Phone (O): +91-40-24531719
Phone (M): +91-9490116667
E-mail: principal.brecw52@gmail.com

To

Dr. Sandeep Kumar Singh
Assistant Professor
Department of Electronics and Communication Engineering
Motilal Nehru National Institute of Technology
Allahabad, Prayagraj.

Dear Sir,

Sub: Invitation to present a Guest Lecture on "**Next Generation Multiple Access (NGMA) for 6G Networks**" Reg.

Ours is a technical institute established in 1997 exclusively for women to impart quality education in various B Tech degree courses in Engineering. This College is sponsored and managed by Sangam Laxmibai Vidyapeet, a voluntary social action group that has been working for the empowerment of women since 1952. Our college is recognized by Govt. of TS, accredited by NAAC with A Grade approved by AICTE and affiliated to JNTUH.

We cordially invite you to present a Guest Lecture on "**Next Generation Multiple Access (NGMA) for 6G Networks**" for IV BTech ECE students on 12 December 2024 from **14:00 Hrs to 16:00 Hrs at Seminar Hall-2 (402 WB)** in our campus. As a distinguished expert in the field, your insights and knowledge would be invaluable to our students. Your lecture on "**Next Generation Multiple Access (NGMA) for 6G Networks**" will provide them with a deeper understanding of the innovative ways. Out of your hectic schedule, kindly make it convenient to enlighten our students.

With warm regards,


(Dr J Madhavan)
PRINCIPAL

Bhoj Reddy Engineering College for Women
Vinaynagar, Saidashnagar Crossroads,
Hyderabad - 500 059, Telangana

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Circular:



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File No: BRECW/ECE/ Guest Lecture/ AY 24-25/ 70

Date: 17/03/2025.

Circular

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

The details of the guest lecture are as follows:

S No	Class	Date and Time (Hrs)	Venue	Speaker
1	I B Tech ECE A & B	19 March 2025 14:00 to 16:00 Hrs.	Seminar hall II(WB-402)	Dr. Martha N. Reddy DRDO Scientist (retd.) & Outreach Teacher to Youths.

All the students must attend the guest lecture without fail.

Note:

- 1) The faculty who are handling I B Tech ECE A & B should mark the attendance as per the timetable in the afternoon session. The forenoon session classwork will be conducted as per the timetable.
- 2) All the ECE teaching and non-teaching faculty who do not have class work are requested to attend the guest lecture.

SFA
Principal 17/3/25

To

All HoDs and HoFs for circulation among the students and staff members

Copy to

1. Secretary
2. Chief Operating Officer
3. Director-HR & Academics
4. Vice Principal
5. Maintenance Officer, BRECW
6. Seminar & Workshop Coordinator
7. IQAC Coordinator
8. I/c Security

Banner:



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Department of Electronics and Communication Engineering and Internal Quality Assurance Cell (IQAC)

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 Yr. ECE & EEE Students

19 March 2025

14:00 Hrs. to 16:00 Hrs.

Seminar Hall II (WB-402)

Schedule:



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 Department of Electronics and Communication Engineering



Schedule

Guest lecture On
"A Pathway to Science, Engineering and Technologies"

Date: 19 March 2025

Venue: Seminar Hall II(WB 402)

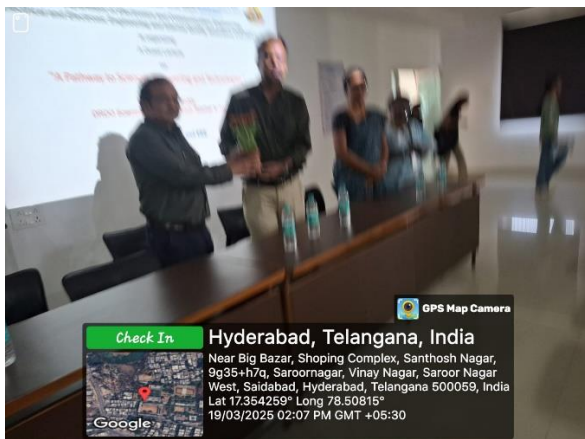
S No.	Time (Hours)	Speaker
1	14.00	Welcome address by Ms. P. Sai Durga IV ECE -C
2	14:05	Address by Principal Dr. J Madhavan
3	14.10	Address by Vice- Principal Mr. G Dayakar Reddy
4	14:15	Address by HOD -ECE Mrs. S Manjula
5	14.20	Key Note address by Speaker Dr. Martha N. Reddy
6	16:00	Vote of Thanks by Ms. P. Sai Durga IV ECE -C

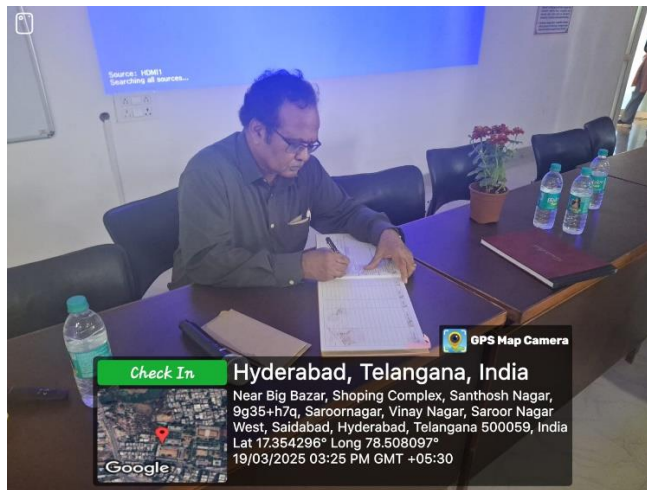
K Virija
 Guest lecture /Workshop I/C

S Manjula
 HOD-ECE

On the 19 March 2025, the Department of ECE at Bhoj Reddy Engineering College for Women hosted Guest Lecture on "A Pathway to Science, Engineering and Technologies" for I BTech ECE students on 19 March 2025. Through this guest lecture, students equipped, though we are living in the highly advanced technological era, there exists unprecedented competition among the nations to innovate, enhance and establish much more advanced and new technologies and systems to attain the dominance in the world. In this lecture the speaker wants to highlight the importance of attaining the knowledge and skills in multi disciplines of science and engineering to innovate and develop cutting-edge technologies, products and systems. The speaker also presents the fast changing technology trends and ecosystem for worldwide Start-ups for developing and manufacturing new products and systems. The speaker also provides certain tips and orientation to the students how they should prepare and plan their careers to join certain premiere Research Institutions and Corporates to contribute to the development of technologies and systems.

Figure 1: During the lecture of speaker Dr. Martha N Reddy Garu





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.

Letter of Appreciation:



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File No: BRECW/PO/ECE/GL/AY2024-25/243

Dr J Madhavan
Principal

College Code (32)

Date: 12.12.2024

Telephone: +91 40 2453 1719
Mobile Phone: +91 94901 16667

Letter of appreciation

We would like to take this opportunity to appreciate and acknowledge the efforts put in by Dr. Sandeep Kumar Singh, Assistant Professor, Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology, Allahabad, Prayagraj for enlightening our IV B.Tech. ECE students on the topic "Next Generation Multiple Access (NGMA) for 6G Networks" during a Guest Lecture conducted on 12 December 2024 by ECE Department.

We thank you in making the Guest Lecture a great success.


With warm regards,


 (Dr J Madhavan)
PRINCIPAL
 Bhoj Reddy Engineering College for Women
 Vinaynagar, Santoshnagar Crossroads
 Hyderabad-500 059, Telangana.




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Sample feedback form:



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Department of Electronics and Communication Engineering
A Guest lecture FEEDBACK FORM



Topic: "A Pathway to Science, Engineering and Technologies"
 Dates: 19 March 2025
 Name of the Speaker: Dr. Martha N. Reddy
 DRDO Scientist (retd.) & Outreach Teacher to Youth

☒

Please encircle the level of understanding the concept with each statement					
	1. Excellent	2. Good	3. Average	4. Not Satisfied	
a.	I learned something that I previously did not Know	1 ✓	2	3	4
b.	The information was presented in easy manner	1 ✓	2	3	4
c.	The guest lecture was worth my time	1 ✓	2	3	4
d.	The guest lecture helped me to improve my technical skills	1	2 ✓	3	4

Comments /Suggestions for improvement of the guest lecture in future: **Good**

K Virija, Seminars and Workshops In-charge faculty expressed her sincere gratitude for allowing ECE 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 Hasini a student of I A ECE.

Ms. K Virija
Seminar & Workshop In charge

Ms. S Manjula
HOD -ECE