



PARVATHAREDDY BABUL REDDY  
VISVODAYA INSTITUTE OF TECHNOLOGY & SCIENCE  
(AUTONOMOUS)

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)  
KAVALI – 524201, S.P.S.R Nellore Dist., A.P. India. Ph: 08626-243930



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
(UG-Accredited by NBA)

**GUEST LECTURE - REPORT**

<b>DEPARTMENT</b>	: ECE
<b>EVENT</b>	: Guest Lecture
<b>PARTICIPANTS</b>	: IV B.Tech ECE Students
<b>TITLE OF PROGRAMME</b>	: <b>Insights on Phased Array RADAR for Atmospheric Applications</b>
<b>Resource Persons</b>	: Dr. M. Durga Rao, Scientist SG, Head RADG, NARL.
<b>DATE</b>	: 31/08/2024
<b>TIME</b>	: 01:30 P.M. to 04:10 P.M.

**OBJECTIVES :**

- Understand the Fundamentals of Phased Array RADAR Technology
- Explore Atmospheric Applications of Phased Array RADAR

**REPORT:**

A Guest Lecture was organized by the department of ECE on “**Insights on Phased Array RADAR for Atmospheric Applications**”. In this program 211 students and 12 faculty members were attended for this program.

**OUTCOMES:**

Students were able to

- gained in-depth knowledge of phased array RADAR technology, including its principles, design, and operation.
- Informed about the latest technological advancements and how they impact atmospheric studies.

**DESCRIPTION OF THE EVENT:**

Overall, a guest lecture on this topic by an expert Dr. M. Durga Rao can significantly enhance the students’ understanding of advanced radar technology, its applications, and its potential for future developments in atmospheric science.

**FEEDBACK/ SUGGESTIONS:**

- The lecture was highly informative and has provided valuable perspectives for the students in the intersection of radar technology and atmospheric science.

**FACULTY IN CHARGE**

**HEAD OF THE DEPARTMENT**



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**GUEST LECTURE**

on

**Insights on Phased Array RADAR for Atmospheric Applications**

**Date: 31-08-2024**

**PHOTOS:**





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Kavali, Andhra Pradesh, India  
19-26-26, Vaddi Palem, Janathapet, Kavali, Andhra Pradesh 524203, India  
Lat 14.914701°  
Long 79.984966°  
31/08/24 02:27 PM GMT +05:30

GPS Map Camera



Kavali, Andhra Pradesh, India  
19-26-26, Vaddi Palem, Janathapet, Kavali, Andhra Pradesh 524203, India  
Lat 14.914701°  
Long 79.984966°  
31/08/24 02:29 PM GMT +05:30

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