



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

(Affiliated to J.N.T.U.A, Approved by AICTE and Accredited by NAAC)  
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**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>	: III B.Tech ECE Students
<b>TITLE OF PROGRAMME</b>	: <b>AI Assisted Smart 5G Networks</b>
<b>Resource Persons</b>	: Dr. G. Kiran Kumar, Asst. Professor, NIT Tadepalligudem, Andhra Pradesh.
<b>DATE</b>	: 21/09/2024
<b>TIME</b>	: 10:00 A.M. to 12:15 P.M.

**OBJECTIVES :**

- Understanding 5G Technology Fundamentals:
- Exploring the role and highlighting the benefits of AI in 5G Networks

**REPORT:**

A Guest Lecture was organized by the department of ECE on “**AI Assisted Smart 5G Network**”. In this program 286 students and 14 faculty members were attended for this program.

**OUTCOMES:**

Students were able to

- Grasp knowledge on how AI technologies are integrated into 5G networks to optimize performance, enhance resource allocation, and automate processes.
- Get awareness of AI-Driven Innovations.
- Insight into Current Challenges and Future Trends.

**DESCRIPTION OF THE EVENT:**

The guest lecture by Dr. G. Kiran Kumar provided students with a deep understanding of how AI can revolutionize 5G networks by making them more intelligent, efficient, and secure. The lecture effectively demonstrated the potential of AI to transform various industries through its integration with 5G, while also highlighting the challenges and future opportunities in this field.

**FEEDBACK/ SUGGESTIONS:**

- Students requested more such lectures in the future, as they found the topic both engaging and crucial for those aspiring to work in the rapidly evolving field of telecommunications and AI.
- Overall, the lecture was highly rated for its content, delivery, and relevance.

**FACULTY IN CHARGE**

**HEAD OF THE DEPARTMENT**