



# KV RANGA REDDY DEGREE COLLEGE FOR WOMEN

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## Event Report

Event : Physics and its Role in Communication  
Date & Time : 23.02.2026, Monday 10:30 AM  
Venue : Computer Lab - I, Block II, KVRRDCW  
Chief Guest : Er Pammi Kalee Prasad  
Coordinator : Ms K Haritha, Lecturer in Physics

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### **1. Introduction:**

The event "Physics and its Role in Communication" by Pammi Kalee Prasad was Assistant Director (Engineering) from Doordarshan Kendra, Vijayawada. It was an insightful session that explored the fundamental principles of Physics and their applications in communication technologies.

### **2. Key Highlights:**

- The role of physics in modern communication systems including wireless communication, fibre optics and satellite communication.
- The principles of electromagnetic waves and their applications in communication technologies.
- The impact of physics on the development of communication devices such as mobile phones and computers.
- The brief overview of bandwidth limitations and innovations in communication technologies.
- Discussion on how physics will shape next generation communication technology like 6G and beyond.

### **3. Presentation:**

The speaker delivered an engaging presentation covering topics such as

- Wave propagation and modulation techniques.
- Signal processing and transmission.
- Communication networks and protocols.
- Transmission protocols and transmission systems.
- Nano Technology

### **4. Takeaways:**

- Physics plays a crucial role in the development of communication technologies.
- Understanding the principles of physics is essential for innovating and improving communication systems.
- The event inspired attendees to explore the fascinating world of physics and its applications.

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23/2/26

5. Feedback:

Attendees appreciated the speaker's expertise and the interactive session, providing valuable insights into the role of physics in communication.

6. Photos:



Report prepared by: Ms K Haritha, Lecturer in Physics

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