



# The Department of Physics & Electronics GC (A), Rajahmundry



A brief Report on

**Guest Lecture by Dr. B Nageswara Rao,**

Lecture in physics, Dr VS Krishna GDC, **Visakhapatnam**

**Conducted on 15-09-2025**

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<b>Date</b>	: 15-09-2025
<b>Name of the Event</b>	: Guest Lecture
<b>Topic</b>	: Career Opportunities for Physics Students” and “Physics in Daily Life
<b>Name of the Resource Person</b>	: Dr. B Nageswara Rao, Lecture in physics, VSKrishna GDC, <b>Visakhapatnam</b>
<b>No of participants</b>	: 63
<b>Objective</b>	: 1. To create awareness among undergraduate physics students about diverse career opportunities 2. To help students understand the relevance and applications of physics in everyday life
<b>Procedure</b>	: The Department of Physics planned and organized the guest lecture by inviting the resource person, finalizing the topic, and making necessary arrangements in the E-Classroom, including informing and assembling the students. The session was conducted as per schedule, where the speaker delivered the lecture on the chosen topics, followed by an interactive discussion and doubt clarification with the students. The programme concluded with feedback from participants and a formal vote of thanks, acknowledging the contribution of the resource person and the organizing department.

## **Summary of the event** :

The **Department of Physics, Government College (A), Rajamahendravaram**, organized a guest lecture on **15-09-2025** for undergraduate students in the **E-Classroom**. The resource person for the session was **Dr. B. Nageswara Rao, Department of Physics, Dr. V. S. Krishna Degree College, Visakhapatnam**, who delivered an engaging and informative talk on the topics “**Career Opportunities for Physics Students**” and “**Physics in Daily Life.**” A total of **63 undergraduate**

**students** actively participated in the programme. During the lecture, Dr. Nageswara Rao explained the wide range of career opportunities available to students pursuing physics, including higher education, research, teaching, space science, defence research, electronics, data science, renewable energy, and various interdisciplinary fields. He emphasized the importance of developing strong conceptual knowledge, analytical thinking, and problem-solving skills, which are essential for success in both academic and industrial careers. The speaker also highlighted the numerous fellowships, competitive examinations, and research opportunities available for physics graduates in national institutions such as research laboratories, universities, and scientific organizations.

In the second part of the lecture, Dr. Nageswara Rao illustrated how **physics is closely connected to everyday life**. Using simple examples, he explained how physical principles operate in common phenomena such as the working of mobile phones, electrical appliances, transportation systems, optics in cameras and spectacles, and energy generation technologies. These examples helped students understand that physics is not only a theoretical subject but also a practical science that explains the functioning of the world around us. The session was highly interactive, and students enthusiastically asked questions regarding career planning, higher studies, and emerging research areas in physics. The resource person patiently clarified their doubts and encouraged them to remain curious and committed to scientific learning. The lecture proved to be highly motivating and informative for the participants. It inspired the students to explore diverse career paths and to develop a deeper appreciation for the applications of physics in everyday life. The programme concluded with a vote of thanks by the faculty of the Department of Physics, expressing gratitude to the resource person for his valuable insights and guidance to the students



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In-charge of Department of Physics

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Principal