



**QIS COLLEGE OF ENGINEERING AND TECHNOLOGY  
(AUTONOMOUS)**

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Ponduru Road, Vengamukkapalem, Ongole, Prakasam (Dt), Andhra Pradesh - 523272

**12.10.2021**

**Report on Introduction to EM Waves**

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|-------------------------------------|---|--|
| <b>Title of the Programme</b>       | : | Seminar on Introduction to EM Waves  |
| <b>Resource Person</b>              | : | 1.Mr.Dhabanjay Katre, Associate Prof. & KAPILA Dean, Electrical Sciences, Amrita University, Coimbatore.<br>2.Dr.S.Penchala Reddy,<br>PBR VITS,Kavali. |
| <b>Date and Time</b>                | : | 07.10.2021 & 12.30 pm to 1.30 pm<br>2.30 pm to 3.30 pm   |
| <b>Mode of Session</b>              | : | Online   |
| <b>Meet App</b>                     | : | Google Meet  |
| <b>Total number of Participants</b> | : | Registered : 240<br>Attended : 185 (Students) + 2 (Faculty members)  |

**Brief details of the event:**

QISCET – EDC, IIC & ECE conducted an Introduction to EM Waves on 7<sup>th</sup> October 2021. The speaker of the session was Mr.Dhabanjay Katre & Dr.S.Penchala Reddy. They highlighted the importance of the topic for the students looking to begin their own design development and how they can utilize this session to understand the concept of electromagnetic waves for the design of robots that they can design for their ideas.

**Response of the audience:** The students gained an in-depth understanding of the topic and how to understand the electromagnetic waves. The learning was quite evident from the level of questions asked by the students to the expert. They were able to arouse interest of the students in the area and the

Session became a wonderful dialogue-based session where the students were asking regular questions and expert was generous enough to answer almost all their queries.

**Faculty Coordinator Name & Email ID:** Dr.V.S.Nishok, nishok.vs@qiscet.edu.in

**Number of participants:** 2 faculty members and 185 students

**Learning Outcomes:**

Students gained in-depth knowledge in relation to the electromagnetic waves and to design and their importance as a part of the curriculum. The topic dealt with core areas of the electromagnetic fields and waves.

**Expert Narration:**

Mr.Dhabanjay Katre & Dr.S.Penchala Reddy, started their sessions with a hands-on example of the recent prototype for their research purpose. The experts shared the entire journey of how to design & simulate the logic from the ideation stage to a prototype. The expert shared all the stages involved in design of electromagnetic fields.

Date: 12.10.2021

Place: Ongole

**Dr.V.S.Nishok**