



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

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

08.09.2021

**Report on Even and odd mode analysis of
Microwave passive components using python**

Title of the Programme	:	Seminar on Even and odd mode analysis of Microwave passive components using python	
Resource Person	:	Mr. K.N.Mohan Assistant Professor K L University, Guntur.	
Date and Time	:	06.09.2021 & 12.30 pm to 1.30 pm	
Mode of Session	:	Online	
Meet App	:	Google Meet	
Total number of Participants	:	Registered	: 260
		Attended	: 220 (Students) + 2 (Faculty members)

Brief details of the event:

QISCET – EDC & IIC conducted an online session on Even and odd mode analysis of Microwave passive components using python on 6th September 2021. The speaker of the session was Mr. K.N.Mohan. He 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 power consumption of the circuits that they can design for their ideas.

Response of the audience: The students gained an in-depth understanding of the topic and how to design the circuit using microwave passive components in selecting and into a prototype. The learning was quite evident from the level of questions asked by the students to the expert. He was 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 220 students

Learning Outcomes:

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

Expert Narration:

Mr.K.N.Mohan, started his session with a hands-on example of the recent prototype that they had very recently developed. The expert shared the entire journey of how to build the circuit from the ideation stage to a prototype. The expert shared all the stages involved in design of microwave circuits to conversion into a circuit through this practical example which ensured that the students could relate to the concept and understand the process of converting an idea into a circuit model.

Date: 08.09.2021

Place: Ongole

Dr.V.S.Nishok