



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### REPORT OF Online FDP on "RECENT TRENDS IN ADVANCED COMMUNICATIONS" using Microsoft Teams

Event Type : FACULTY DEVELOPMENT PROGRAM (FDP)

Date / Duration : 04th-09th May, 2020 (ONE WEEK)

Resource Person : **Dr. Vamsi Krishna Velidi**, Scientist-SE, U R Rao satellite center, ISRO-Bangalore,  
**Sri Sandip Sankar Roy**, Scientist-SE, NRSC, ISRO-Hyderabad,  
**Sri G.Dharmendra Nayak**, Head-Hyderabad Operations, MMRFIC Technology,  
**B.T.P. Madhav**, Professor of ECE, Associate Dean ,R&D, KL University,  
**Dr N.Suman**, Associate Professor, Vignan University,  
**Sri Doondi kumar Janapala**, Karunya university.

Name of Convener : Dr. Y. Amar Babu, professor & HoD

Name of Coordinator : Mr P.Rakesh Kumar, Sr ASSISTANT PROFESSOR

Target Audience : 250

Total no of Participants: 250 (Internal Count=24 & External Count=226)

**Objective of the event:** The objective of this FDP is to make use of the latest Communication methods and techniques along with modern tools for class room teaching, and research work.

#### **Outcome of event :**

- 1)The faculty can be able to design patch antennas which is useful for Bluetooth /WiFi/WiMax and Bio Medical Applications.
- 2)The Faculty can be able to get knowledge on Research Publication process,Credentials and outcomes.
- 3)The Faculty got enough knowledge on Satellite tracking antennas and RF/ Microwave Passive components for space communication systems.

#### **Description / Report on Event:**

One Week FDP started with the Inauguration Function, in which Principal, HOD,Coordinator and Resource person presented their views on the importance and objective of conducting the FDP and motivated all the participants to effectively utilize all the sessions and gain practical knowledge.

During First Day, Sri G.Dharmendra Nayak, Head-Hyderabad Operations, MMRFIC Technology have given presentation on Introduction to RF Circuits and Design.

During Second Day, B.T.P. Madhav, Professor of ECE, Associate Dean ,R&D, KL University has given presentation on Research Publication process,Credentials and outcomes.

During Third Day, Sri Doondi kumar Janapala, Karunya university has given presentation on RF Antennas Design

During fourth Day, Dr N.Suman, Associate Professor, Vignan University has given presentation on Patch antennas for Bio Medical Applications.

During fifth Day, Sri Sandip Sankar Roy, Scientist-SE, NRSC, ISRO-Hyderabad given presentation on Satellite tracking antennas.

During Sixth Day, Dr. Vamsi Krishna Velidi, Scientist-SE, U R Rao satellite center,ISRO-Bangalore,has given presentation on RF/ Microwave Passive components for space communication systems.

The lectures have proven to be very inspiring and informative for the faculty. Around 250 faculty members and scholars have attended the FDP. The program ended by advising faculty members to effectively utilize the learned concepts in projects implementation, research paper writing, lab development, and syllabus revision.

**Feedback / Suggestions :**

1. Conduct More number of FDPs on similar advanced tools.
2. Conduct exclusively one FDP related to software Hand on Practise.
- 3.Improve the quality of audio.

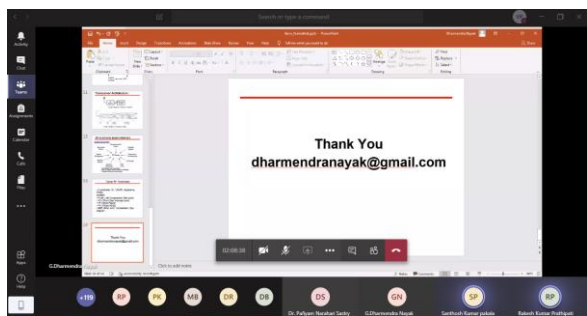
**Photographs :**



Addressing by HOD Dr Y.Amar Babu



Presentation By Resource person **Sri G.Dharmendra Nayak,Head-Hyderabad Operations, MMRFIC Technology**



Conclusion By Resource person **Sri G.Dharmendra Nayak,Head-Hyderabad Operations, MMRFIC Technology**

**Dr. B T P Madhav**

Professor & Associate Dean (Research)

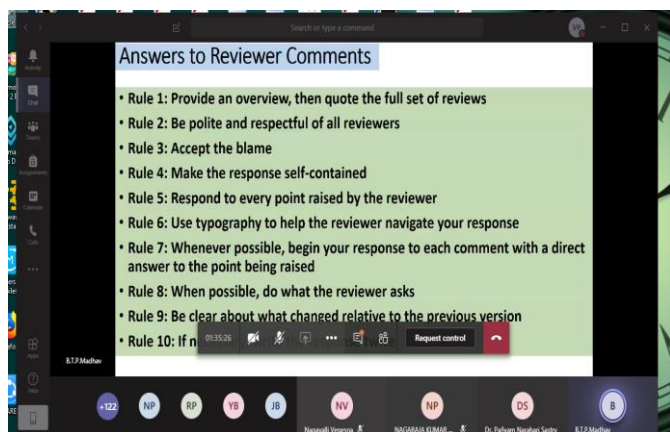
Department of ECE, K L University

Andhra Pradesh, India

Email: [btpmadhav@kluniversity.in](mailto:btpmadhav@kluniversity.in)



Presentation By Resource person **B.T.P. Madhav, Professor of ECE, Associate Dean ,R&D, KL University**



Slides of Resource person **B.T.P. Madhav, Professor of ECE, Associate Dean ,R&D, KL University**



Presentation By Resource person **Sri Doondi kumar Janapala Karunya university**

# Patch Antennas for Bio Medical Applications

By

Dr Suman Nelaturi

VFSTR (Deemed to be University)

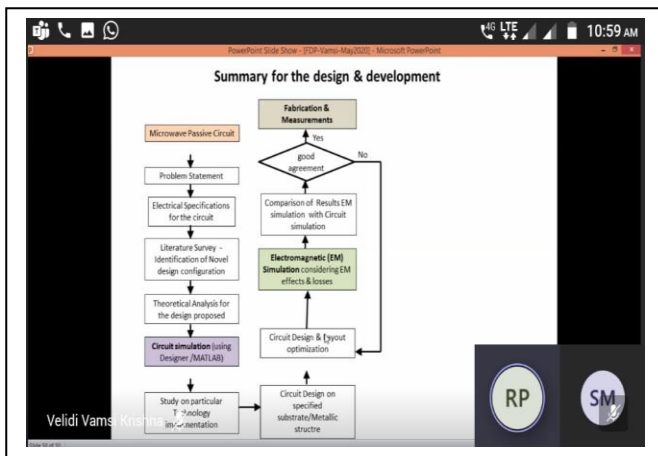
[nelaturi.suman4@gmail.com](mailto:nelaturi.suman4@gmail.com)

+91-9966822773, 8074329506

Presentation By Resource person **Dr N.Suman**  
Associate Professor, Vignan University



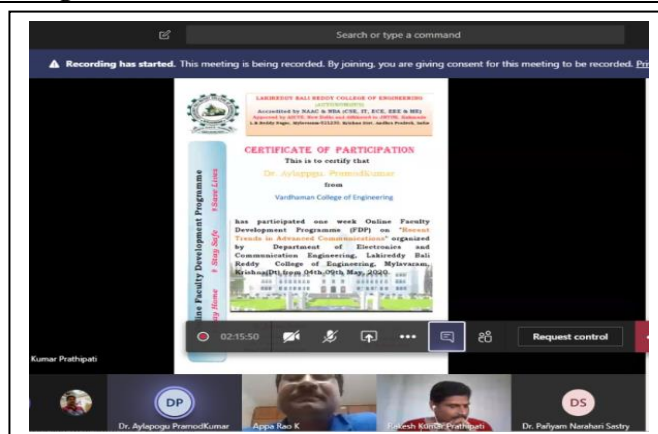
Presentation By Resource person **Sri Sandip Sankar Roy** Scientist-SE, NRSC, ISRO-Hyderabad



Presentation By Resource person **Dr. Vamsi Krishna Veldi** Scientist-SE, Communication Systems Group, U R Rao satellite center, ISRO-Bangalore



Addressing by Principal **Dr K.Appa Rao**



Distribution of Certificates to Participants



Distribution of Certificates to resource persons