

School of Engineering  
Department of Electronics and Communication Engineering

Date : 19<sup>th</sup> July, 2021

**REPORT ON NATIONAL WEBINAR**  
**“ANTENNAS AND APPLICATIONS : A RESEARCH PERSPECTIVE”**

*Resource Person :* Dr. JAGADEESH BABU KAMILI

*Designation :* Professor and Head, Dept. of ECE

*Institute :* St. Ann's Institute of Engineering &  
Technology, Chirala, India

*Webinar Conducted :* 17<sup>th</sup> July, 2021 ; 6pm to 7pm (Zoom)



Jagadeesh Babu was born in Chirala, Andhra Pradesh, India in 1978. He received BTech. degree from SVH College of Engineering, Machilipatnam in the year 1999, MTech. and PhD degrees from Jawaharlal Nehru Technological University, Hyderabad, India in 2006 and 2013 respectively. Presently, he is working as Professor and Head of the Department at St. Ann's College of Engineering & Technology, Chirala, India. Also, he is a Postdoctoral researcher under Certificate of Excellence in Research program from Indian Institute of Technology Kharagpur, India. He received Travel Grant from SERB, Department of Science and Technology (DST), India to attend International Conference PIERS-2017 in Singapore. He executed Projects worth Rs. 2.5 million so far in his 20 years of academic experience. He received Best Researcher Award from JNTUK University in the year 2018. His research areas include printed antennas, Dielectric Resonator Antennas, meta-materials, Ground penetrating Radar and Characteristic Mode Analysis.

The talk presented the fundamentals and some advanced problems to be addressed in the antenna design process. It focused on the recent developments in 5G and 6G communications which have wide opened the path for the development of new antenna designs and expanding the scope for broadening antenna technology. This one-hour webinar presented some interesting concepts related to antenna designing and the new areas to be explored or to be addressed in this particular domain. Over 145 participants had attended this session and took great learning, and really appreciated the webinar.

*D. S. Chavala*  
Head of the Department  
Head of the  
Electronics & Communication  
Nalla Narasimha Reddy Education -  
Group of Institutions - Integrated Campus  
Chowdariguda (Vill), Ghatkesar (Mandal), R.R. Dist 500 088