



**AICTE Sponsored  
ONE WEEK NATIONAL LEVEL ONLINE SHORT TERM TRAINING PROGRAM**

on

**Trends and challenges in Design and Implementation of Reconfigurable Antennas for Increased  
Spectrum Access in Cognitive Radio Communication Dt: 14<sup>th</sup> -19<sup>th</sup> September, 2020**

**STTP-III**

**Online Platform: ZOOM**



<b>Date</b>	<b>Expert Details</b>	<b>Timings</b>	<b>Module Content</b>
<b>Day-1 Monday 14.09.2020</b>	<b>Er. Samar Shailendra</b> Scientist at TCS Research & Innovation & Visiting faculty at IIIT Bangalore	10 AM to 11.30AM	Information Centric Networking
	<b>Dr.A Prakasa Rao</b> , Assoc. Prof., NITW, Warangal	2.30PM to4.00PM	Optimization Techniques
<b>Day-2 Tuesday 15.09.2020</b>	<b>Dr. G. Rama Murthy</b> ,Professor Dept. of CSE, Mahindra University, Hyderabad	10AM to 11.30AM	Reconfigurable Antennas: 6 -G Wireless Networks: Artificial Intelligence
		2.30PM to 4.00PM	Future of Reconfigurable Antennas: Research Directions
<b>Day-3 Wednesday 16.09.2020</b>	<b>Dr.S.Anuradha</b> , Associate Professor of ECE, NITW, Warangal	10.AM to 11.30AM	Challenging issues in Cognitive Radio Communication
	<b>Dr.Dhananjay Kumar</b> , Prof. and Head,Department of IT, Anna University, MIT Campus, Chromepet, Chennai.	2.30PM to 4.00PM	System Integration and Opportunistic Scheduling in Cognitive Radio Networks
<b>Day-4 Thursday 17.09.2020</b>	<b>Dr. D Vakula</b> , Assoc. Prof., NITW, Warangal	10.AM to 11.30AM	Antennas for 5G Communication
	<b>Er. M.VinothManoharan</b> , Co-Founder & CTO Wilma Communications Groups (Asia   US   Europe)	2.30PM to 4.00PM	Array antenna design for cognitive radio application using RF switch
<b>Day-5 Friday 18.09.2020</b>	<b>Dr.P. Sreehari Rao</b> , Assoc. Prof, NITW, Warangal	10AM to11.30AM	Integrated circuits for high speed communications – Future trends
	<b>Dr.Sumit Kumar</b> Research Associate at the Interdisciplinary Centre for Security, Reliability, and Trust of the University of Luxembourg	2.30PM to 4.00PM	Necessity of integration between 5G and Satcom Standardization Efforts Possible TN-NTN integration architectures and challenges
<b>Day-6 Saturday 19.09.2020</b>	<b>Dr.Abhinav Kumar</b> , Associate Professor, Department of Electrical Engg., IIT Hyderabad,	10AM to11.30AM	Visible light based communications for beyond 5G networks
	<b>Dr.V.Srinivasa Rao</b> ., Scientist –F, RCI ,Hyderabad	2.30PM to 4.00PM	Antennas for airborne and ground applications