



**NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL – 506 004**  
**DEPARTMENT OF ECE**

**8 Days online FDP on Metamaterial Applications and Evolutionary Techniques**  
**21<sup>st</sup> March 2022 – 28<sup>th</sup> March 2022**

**Lectures Schedule**

<b>Day</b>	<b>9-10.30AM(FN) Session 1</b>	<b>11AM-12.30PM(FN) Session2</b>	<b>2-4PM (AN) Session 3</b>
21/3/2022	Inauguration & lecture on Introduction to Antennas Prof NVSN Sarma, Director, IIIT Trichy	Introduction to Antennas Prof NVSN Sarma Director, IIIT Trichy	Basics of Metamaterials Dr D Vakula, NIT Warangal
22/3/2022	Evolutionary Techniques-I Dr A Prakasa Rao, NIT Warangal	Evolutionary Techniques-I Dr A Prakasa Rao, NIT Warangal	Metamaterial Antennas Dr D Vakula, NIT Warangal
23/3/2022	Evolutionary Techniques-II Dr Gopiram, NIT Warangal	Evolutionary Techniques-II Dr Gopiram, NIT Warangal	Metamaterial Filters and Couplers Dr G Arun kumar, NIT Warangal
24/3/2022	Evolutionary Techniques-III Dr A Prakasa Rao, NIT Warangal	Evolutionary Techniques-III Dr A Prakasa Rao, NIT Warangal	FSS and EBG structures Prof L Anjaneyulu, NIT Warangal
25/3/2022	Machine learning for communications systems Dr Faruq Hashmi Mohammad, NIT Warangal	Machine learning for communications systems Dr Faruq Hashmi Mohammad, NIT Warangal	Metamaterials for Terahertz systems Dr Amarjit kumar, NIT Warangal
26/3/2022	HFSS	HFSS	HFSS
27/3/2022	Low frequency Antennas Dr C Sairam, Sci-G, DLRL, Hyd	Antennas for Defense Applications Dr V Srinivas, RCI, HYd	Metamaterials for RCS Applications Mr Rakesh Kumar singh, RCI, Hyd
28/3/2022	Evolutionary Techniques-IV Dr A Prakasa Rao, NIT Warangal	Metamaterials for 5G systems Dr D Vakula, NIT Warangal	Metamaterial for circuits Dr G Arun kumar, NIT Warangal