



# ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON Metamaterials Applications and Evolutionary Techniques

(21<sup>st</sup> March – 28<sup>th</sup> March 2022)

Organised by

Department of Electronics and Communication Engineering  
NIT, Warangal

Under the scheme of **Electronics & ICT Academy**

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

## Preamble:

"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy's role is to offer Faculty Development Programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

## About the FDP:

In recent years, we have witnessed a rapid development on Metamaterial applications and technology. The impact of technologies on our lifestyle is due to the tremendous advances in design of miniaturized circuits, compact devices and effective health monitoring equipment. To support the proliferation of smart end-user equipment, it is necessary to improve the state-of-the-art technologies in Metamaterial and Antennas applications. Optimization can be applied to variety areas and has received great attention recently.

This online faculty development programme (FDP) is devoted to fundamental theory, recent developments and research outcomes addressing the related theoretical and practical aspects on Metamaterial Antennas and optimization techniques.

## Major Course Contents:

- Antennas fundamentals
- Metamaterials
- Metamaterials for passive ckt's
- THz applications of metamaterials
- Metamaterials for 5G communications
- Evolutionary methods
- Lab sessions on Antenna design

## Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

## Registration fee

<b>Faculty and Research Scholars</b>	<b>Rs.750/-</b>
<b>Industry Participants</b>	<b>Rs.2250/-</b>

Participants need to pay the Registration Fee Online using the following details:

<b>Online Transfer Details</b>
Account Name: <b>Electronics &amp; ICT Academy NITW</b>
Account No: <b>62423775910</b>
IFSC: <b>SBIN0020149</b>
Bank and Branch: <b>State Bank of India, NIT (REC) Warangal</b>

## How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/BrY15yve6Y2wVkc99>

## Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 60 (sixty). Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

## Important Dates:

<b>Last date (Application &amp; DD)</b>	<b>16.03.2022</b>
<b>Selection List by E- mail</b>	<b>18.03.2022</b>
<b>Duration</b>	<b>21.03.2022 to 28.03.2022</b>

## About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programmes in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.



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**SPONSORSHIP CERTIFICATE**

1. Name :

2. Designation :

3. Institution :

4. Email :

5. Mobile No :

6.

Reference No:

Amount:

Bank :

Date:

7. Address for Correspondence:

8. Educational Qualification:

9. Subjects taught so far:

10. No. of refresher courses/workshops attended:

11. Experience (in years):

Teaching:      Research:      Industry:

12. Do you belong to SC/ST : Yes / No

Dr. /Mr. /Ms. .... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on **“Metamaterials Applications and Evolutionary Techniques”**, sponsored by **Electronics & ICT Academy** during **21<sup>st</sup> March – 28<sup>th</sup> March 2022**. NIT, Warangal,

Signature of Head of Institution  
(with seal)

**Coordinator:**

**Dr. D.Vakula & Dr A. Prakasa Rao**

Dept. of Electronics and Communication Engg,  
National Institute of Technology Warangal,  
WARANGAL - 506 004, Telangana State, India.

[vakula@nitw.ac.in](mailto:vakula@nitw.ac.in), [aprao@nitw.ac.in](mailto:aprao@nitw.ac.in)

For more information visit: <http://nitw.ac.in/eict/>

For any enquiry contact:

Mobile: 9490378554, 8332969358

Land line: 0870-2462443

Please visit:

<https://nitw.ac.in/eict>

**Declaration**

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Date

Signature of the Applicant