



# ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON

## CYBER SECURITY

(02<sup>nd</sup> – 11<sup>th</sup> January, 2021)

Organized by

**E & ICT Academy, National Institute of Technology, Warangal.**

in association with

**Department of CSE, Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology, (Deemed to be University), Chennai, Tamilnadu.**

(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 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:

The Faculty Development Programme will enlighten the practice of defending computers, servers, mobile devices, electronic systems, networks, program and data from digital attacks, damage or un authorized access. Because, cyberattacks are usually aimed at accessing, changing, or destroying sensitive information; extorting money from users; or interrupting normal business processes.

This FDP will help the teaching fraternity in further exploring the specific security domains and will empower them to meet the challenges in the respective domains. Further, they will be able to disseminate the knowledge among budding researchers, engineers and practitioners for the benefits to the society.

### Major Course Contents:

- Introduction to cyber security
- Network Security Measures
- Vulnerability Assessment and Penetration Testing
- Cloud Security Engineering
- Wireless Network Security
- Software and Web Application Security
- System security – OS security
- IoT security
- Multiserver Authentication
- Light weight cryptosystem
- Design of secure protocol
- Cyber physical system security

### Faculty conducting this programme:

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

### Eligibility:

The programme is open to faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

### Registration Fee Particulars:

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

The fee is to be paid either in the form of DDs or online transfer using the following details:

Online Transfer Details
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/BLRAg2MJLkVEPhnNA>

### Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100. Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

### Important dates:

Last date (Application & DD)	29.12.2020
Selection List by E- mail	31.12.2020
FDP Duration	02 <sup>nd</sup> -11 <sup>th</sup> January, 2021

### 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 programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

### About Vel Tech:

**Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology** (Deemed to be University) is offering various programmes in Engineering, Management, Media and Law. The Institution has made distinctive progress since the founding in 1997, by adopting the unique and trending educational methodologies. Vel Tech is ranked by MHRD in NIRF for continuous three years with the Rankings of 77, 86 and 95, Institution is accredited by NAAC with 'A' Grade and the programmes are accredited by National Board of accreditation. Vel Tech has been recognised as the Best Engineering Institution and ranked as First in India and 74<sup>th</sup> in the world by Times Higher Education World Young University Ranking 2016-2017 and 43<sup>rd</sup> in Asia by Times Higher Education Asia University Ranking 2017. The TBI (Technology Business Incubator) of Vel Tech is recognized as the Centre of Excellence under NIDHI by the Government of India. Institution is ranked 5<sup>th</sup> place in ARIIA 2019. Vel Tech is the first member from India to adopt Conceive-Design-Implement-Operate (CDIO), CDIO is a worldwide framework which aims to produce the next generation engineers. The CDIO based academic process undoubtedly generates knowledgeable up-skilled graduates with a professional attitude who are industry ready.



# APPLICATION FORM CYBER SECURITY

(02<sup>nd</sup> – 11<sup>th</sup> January, 2021)

Organized by

**E & ICT Academy, National Institute of Technology, Warangal.**  
in association with



**Department of CSE, Vel Tech Rangarajan Dr.Sagunthala R & D Institute of Science and Technology, (Deemed to be University), Chennai, Tamilnadu.**  
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

1. Name :
2. Designation:
3. Institution :
4. Email :
5. MobileNo :
- 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

### 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:

### **SPONSORSHIP CERTIFICATE**

Dr. /Mr. /Ms. .... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on “**Cyber Security**”, sponsored by Electronics & ICT Academy during **02<sup>nd</sup> – 11<sup>th</sup> January, 2021.**

Signature of Head of Institution  
(with seal)

### **Address for correspondence**

**Dr. N. R. Rajalakshmi**, Professor  
Dept. of CSE  
Vel Tech Rangarajan Dr.Sagunthala R & D  
Institute of Science and Technology, Avadi,  
Chennai – 600062  
Tamilnadu, INDIA

*It is requested to all the delegates, after completion of application form, all the payment details, screenshot of the payment and scanned application form has to be uploaded in the following online registration link.*

### **Registration Link:**

<https://forms.gle/BLRAg2MJLkVEPhnNA>

*For more details about Electronics & ICT Academy, NIT, Warangal, please visit:*

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

*For more enquiries please contact:*

**Mobile: Dr. N. R. Rajalakshmi - 9884712780**

Email: [drnr Rajalakshmi@veltech.edu.in](mailto:drnr Rajalakshmi@veltech.edu.in)  
[fdp.eict@gmail.com](mailto:fdp.eict@gmail.com)

## **Coordinators**

**Dr.R.Padmavathy**  
Professor  
Computer Science and Engineering  
National Institute of Technology  
Warangal - 506 004  
Telangana, India.  
Contact:+91 9440173819(mobile),  
0870-2462738 (Faculty Room))

**Dr. N. R. Rajalakshmi**  
Professor  
Computer Science and Engineering  
Vel Tech Rangarajan Dr.Sagunthala R & D Institute  
of Science and Technology,  
Avadi, Chennai – 600062  
Tamilnadu, INDIA