

*AICTE - Training & Learning  
(ATAL) Academy  
Sponsored Program on  
Cyber Security*

**16<sup>th</sup>-20<sup>th</sup> March, 2020**



**Venue - NPTI , Alappuzha  
Kerala**

**Organised By  
NATIONAL POWER TRAINING INSTITUTE  
A National Apex Body for Training in Power Sector  
(An ISO 9001:2015 & 14001:2015 Organization)  
Ministry of Power, Government of India  
Pallipuram, Cherthala Taluk  
Alappuzha , Kerala  
[www.npti.gov.in](http://www.npti.gov.in)**

**About NPTI:**

National Power Training Institute (NPTI) an ISO 9001 & ISO 14001 organization under Ministry of Power, Govt. of India, is a National Apex body for Training and HRD in Power Sector with its Corporate Office at Faridabad. NPTI is the world's leading integrated power training institute and it is operating on an all India basis through its regionally located Institutes at Faridabad, Badarpur, Nangal, Bengaluru, Neyveli, Durgapur, Guwahati and Nagpur. NPTI is establishing two new institutes at Alappuzha (Kerala) and Shivpuri (MP) which would be operational shortly. NPTI has more than 50 years of professional expertise in the field of training and HRD in Power sector with industry specific interface.

**Program Overview:**

Increased Internet penetration for applications such as e-Govern-ance, e-Commerce, e-Banking, digital payments, e-Learning, smart cities etc, has resulted in an exponential rise in sophisticated attacks on Information technology (IT) infrastructure. This has lead to Cyber Security as an important aspect to secure our computers and networks. Both government & industry are becoming the victims of cyber criminals, including companies working in security technology . Cyber Security is going to be much more serious problem in the coming years. Hence it becomes more important & essential to be aware of the challenges and methods to meet the new age attacks.

**Target Audience:** Faculty members and PhD research scholars of AICTE affiliated educational institutions are eligible to participate. There is no registration fees for the course and maximum 50 participants will be allowed to register. Participants will be provided only tea/ working lunch during the course. No TA/DA will be given to any participants and they have to make their own arrangements for stay

**All correspondence should be addressed to:**

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**For more details about AICTE-ATAL Academy please visit  
[www.aicte-india.org/atal](http://www.aicte-india.org/atal)**

**(National Power Training Institute - Alappuzha,Kerala)**

**Title of the Workshop: Cyber Security**

**From 16/03/2020 To 20/03/2020**

	<b>10:00 AM to 11:30 AM</b>	<b>11:30 AM to 12.00 PM</b>	<b>12.00 PM to 1.30 PM</b>	<b>1.30 PM to 2:30 PM</b>	<b>2:30 PM to 4.00 PM</b>	<b>4:15 PM to 4:45 PM</b>
16/03/2020	Registration and Inauguration	High Tea	Session 1 Introduction to Cyber Security	Lunch	Session 2 Cryptography and Information Security -	Tea
17/03/2020	Session 3 PKI and Digital Signature -	Tea	Session 4 Introduction to Ethical Hacking	Lunch	Session 5 Brute Force Attack & Counter Measures	Tea
18/03/2020	Session 6 Trojan, Backdoor &Virus and Android Hacking	Tea	Session 7 Wireless & Wi-Fi Security	Lunch	Session 8 DNS Hacking and Counter measures	Tea
19/03/2020	Session 9 Industrial Visit	Tea	Session 10 Industrial Visit	Lunch	Session 11 Industrial Visit	Tea
20/03/2020	Session 12 Network Defence & Counter Measures	Tea	Session 13 Cyber Forensics	Lunch	Session 14 Social Engineering	Valediction