राष्ट्रीय विद्युत प्रशिक्षण संस्थान (पूर्वी क्षेत्र)
National Power Training Institute (ER)
विद्युत मंत्रालय, भारत सरकार
(Ministry of Power, Govt. of India)
दुर्गापुर-713216 (पश्चिम बंगाल)
Durgapur-713216 (West Bengal)
GSTIN: 19AACAN2698A1ZK

Announces

Online Training Program
on

Planning of Campus-Networking (Communication Build-Up)
&
IP Infrastructure

for Working Professionals of Power Utilities and other Industries/Academia and Students
Duration: 16.11.2021 to 18.11.2021 (3 Days)

Who may apply?
Working Professionals of Power Utilities and other Industries/UG Students/PG Students/Research Scholars/Faculties from Institutions (who have basic knowledge of IT & Networking)

Last date for applying
15.11.2021

Timings
Daily 2 Sessions each of 1.5-hour duration.
(11:00 hrs to 12:30 hrs & 14:30 hrs to 16:00 hrs.)

Contact
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Online Platform
Microsoft Team

Apply online/-

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Course Fee
Utility Engineers/Professionals: Rs. 10,738/- inclusive of GST
Students/Academician (UG/PG/Research Scholars) Rs. 885/- inclusive of GST

NPTI Account Details
Bank: State Bank of India, A/C No.: 10306801182
IFSC: SBIN0006152, Branch: City Centre, Durgapur

Address & Website
National Power Training Institute (Eastern Region)
Ministry of Power, Govt. of India
Durgapur-713216 (West Bengal)
http//: www.nptidurgapur.com
http//: www.npti.gov.in_durgapur/

After successful completion of the training program, e-Certificate will be awarded.

Details of the Course Contents

(These carrier building course modules are designed based on experience & real-life implementations)

1) Introduction
2) Who will be benefitted & how?
3) Objective of this course
4) What are PAN, LAN, CAN, MAN and WAN?
5) What is Platform Integration?
6) What are PoN and GEPoN?
7) What is IT Communication Protocol?
8) Basic IT Mapping on Communications
9) Wired Infrastructure
   - Copper
   - Fiber (different types)
   - AV
   - Signal/ELV
10) Wireless Infrastructure
   - .11x
   - RFID
   - Blue Tooth
   - Cell-Phone/Mobile Communications
11) X Connect System
   - Switching
   - Routing
   - Firewall
   - NGFW
12) Design & Planning and Challenge
13) Real Life Experience (Real Case Study)
14) What are SD-LAN & SD-WAN (Latest)?
15) IP Communication Involvement in IT/ELV
16) How you can manage your IT Tracker?
17) Documentation Management for your IT
18) IP Communications in other engineering
19) IP Communication for DATA Center
20) IP Communications for Cloud/ IoT/ BMS etc.
21) Case study (practical ground) - Consultancy & Planning
22) Conclusion
23) Thought process and path for better opportunity/carrier

More than 50 Years of Service to the Indian Power Sector