

About the Institution

Nalbari, a quiet town of lower Assam, is popular for its rustic charm and ancient temples. Nalbari beholds the name 'Nabadwip' of Assam due to the presence of variegated Sanskrit educational institutions. Nalbari Polytechnic is a government diploma institute subservient to the Directorate of Technical Education (DTE), Assam and affiliated to the State Council for Technical Education (SCTE), Assam. The courses offered by this Institute are Diploma in Computer Sc. & Engineering, Electrical Engineering and Printing Technology, and all the three programs are approved by AICTE. Within the very short span of time, the Institute has earned significant position amongst polytechnic institutions for its excellent academic standard, quality teaching by faculty members. The measure of excellence of the students are also reflected in the Lateral entrance examination conducted by ASTU, NERIST, CIT etc. Also, a good number of students got employment through the campus recruitment.

About the Department

The department of Computer Sc. & Engineering was established in the year 2017. The department has a responsive teaching learning environment as dynamic and experienced faculty members creates an environment for rich academic dissertation. Till date only one batch has passed out and most of them are pursuing higher studies in prestigious institutions like NERIST, JEC, CIT, BVEC etc. Others got engagement at company like PPL HUHTAMAKI INDIA LTD etc.

About the STTP

With the aid of Government of India many Polytechnics are newly setup all over the North

east region. Many of the Polytechnics are in remote area where getting expert people in the field of networking for maintaining the campus network is very difficult. Moreover hiring experts from the nearest town incur lot of expenses. This STTP will help to resolve the problems of networking related issues in remote DEGREE/ DIPLOMA institutes and restore the services immediately for the benefits of the Institute. Further, the faculties of Computer Networking will be benefited for up to date practical oriented teaching of the subjects, which in turn helps the students of those Institutes.

Objectives

- To prepare the technical manpower for setting and maintaining the campus LAN.
- Hands on practice on Crimping, Punching, Installation and configuration of LAN.
- To troubleshoot the campus LAN related issues.
- To get the up to date idea for securing the campus from virus/hackers etc.
- To help the faculties and other technical staffs of DEGREE/ DIPLOMA Institutes to set up their own campus LAN and maintain the sites without depending on outsiders.

Learning Outcomes

- Identify all the networking components and devices with their working.
- Construct (Crimp) all kinds of patch cables using crimping tool.
- Punch CAT5 / CAT6 cable in IO port, Patch panel etc.
- Configuring own LAN.

- Troubleshoot a computer network for faulty connection.
- Self dependent in the maintenance of campus LAN.

Relevance of the training

Since it is very difficult to get efficient technical manpower in the field of computer network in remote polytechnics/ Engg. colleges, in case of any problem arises most of the times they remain unattended. As we all know, that most of the Govt transactions / communications are now made only through online mode, it is very much necessary for the campus network to remain in working condition for all the time. This program will help the faculties and other technical staffs of the institutes to keep their network in full working conditions, even if problem exists, they will be able to resolve it locally.

Topics to be covered

Network Basics, TCP/IP, CIDR, IP Network Equipment, Mobile IP, IP NAT, Network Monitoring, Switch and Router configuration, Network Security, Data Center Design Basics, Hands on practice on Cable Crimping, IO Punching, Patch Panel, LAN Configuration, Switch and Router Management, Server (Web, DHCP, Proxy, Mail, etc) configuration etc.

Resource persons

Faculties from IIT Guwahati/ Tezpur University/ Assam Engineering College and Technical expert from Industry like CISCO/ DLINK.

Who is this for ?

Faculties/ Instructors/ Technical Staffs of AICTE approved Engineering College / Polytechnics and Industry Professionals.

Selection Procedure

The aspirants applicants can submit their duly filled in application by clicking this [Google form](#). However, the selected candidate must submit this [Registration form](#) duly signed by the Head of the organization at the time of registration. Selection will be made by short listing the candidates based on their requirements.

Registration details

- No registration fees.
- TA and Accommodation will be provided for the participants from outside Nalbari.
- Registration kit, Refreshment/ Lunch/ Dinner will be provided.

Issuance of Certificate

Certificates will be issued only among the participants who will attend the entire duration and successfully qualify the test, which will be conducted at the end of the programme.



Chief Patron

Dr. Atul Bora, Director
Directorate of Technical Education, Assam

Patron

Dr. Hitesh Tahbildar,
Principal, Nalbari Polytechnic.

Programme Monitoring Committee

Dr. Hitesh Tahbildar, Chairperson
Mr. Kangka Chakravarty, Member Secretary
Mr. Bhupati Das, Member
Mr. Ramen Kumar Choudhury, Member
Mrs. Plabita Borborah, Subject Expert

Organizing Committee

Mr. Ramen Kr. Choudhury
Ms. Manashi Talukdar
Dr. Pramila Kumari Prajapati
Mrs. Nitisha Bordoloi
Mr. Dhruabajit Kalita
Mr. Ganesh Kalita
Mr. Sabir Ali Choudhury

STTP Coordinator

Kangka Chakravarty,
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Nalbari Polytechnic,
Mobile : 9864371283/ 7086256143
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Important Dates :

Last date for receipt of application : 05/10/2021
Intimation of Acceptance : 10/10/2021

AICTE Sponsored
6 Days
Short Term Training Programme
on
**Computer Networking with special
reference to Setup and Maintenance of
Institute Campus Network**

Organized
by
Department of Computer Sc. & Engineering.
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Date : 25/10/2021 to 30/10/2021

