BHARAT SANCHAR NIGAM LIMITED

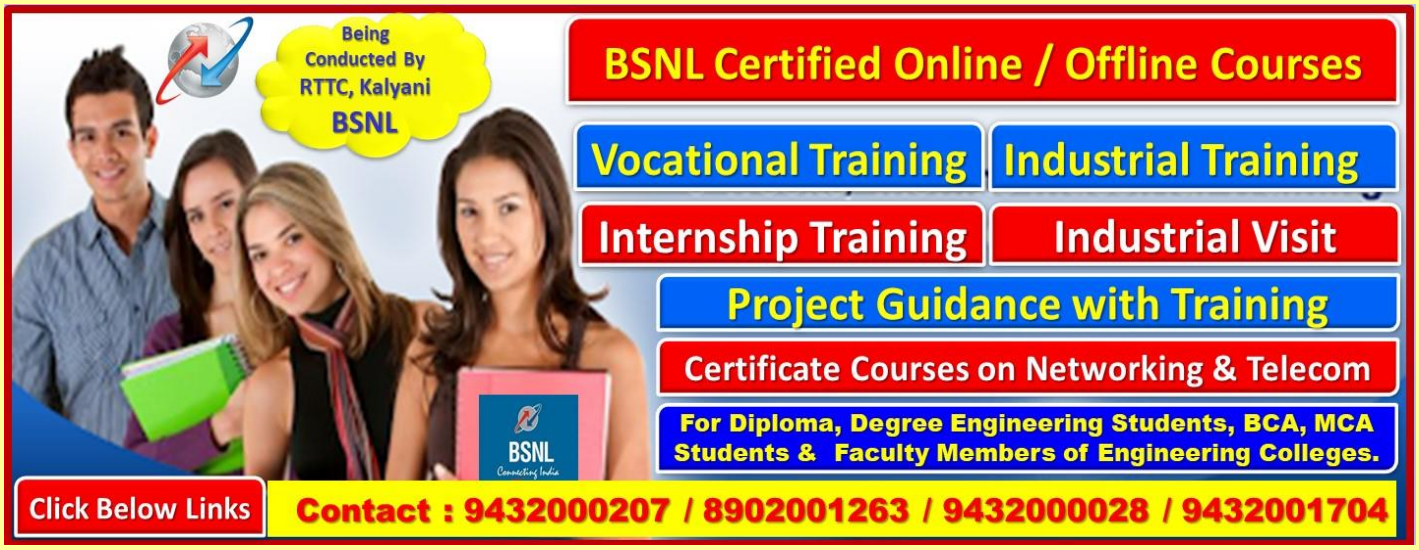
(A Govt. of India Enterprise)

Netaji Subhash Chandra Bose Telecom Training Centre

(A Zonal Telecom Training Centre of BSNL)

Kalyani, Nadia, West Bengal.

BSNL Certified Online/ Offline Courses

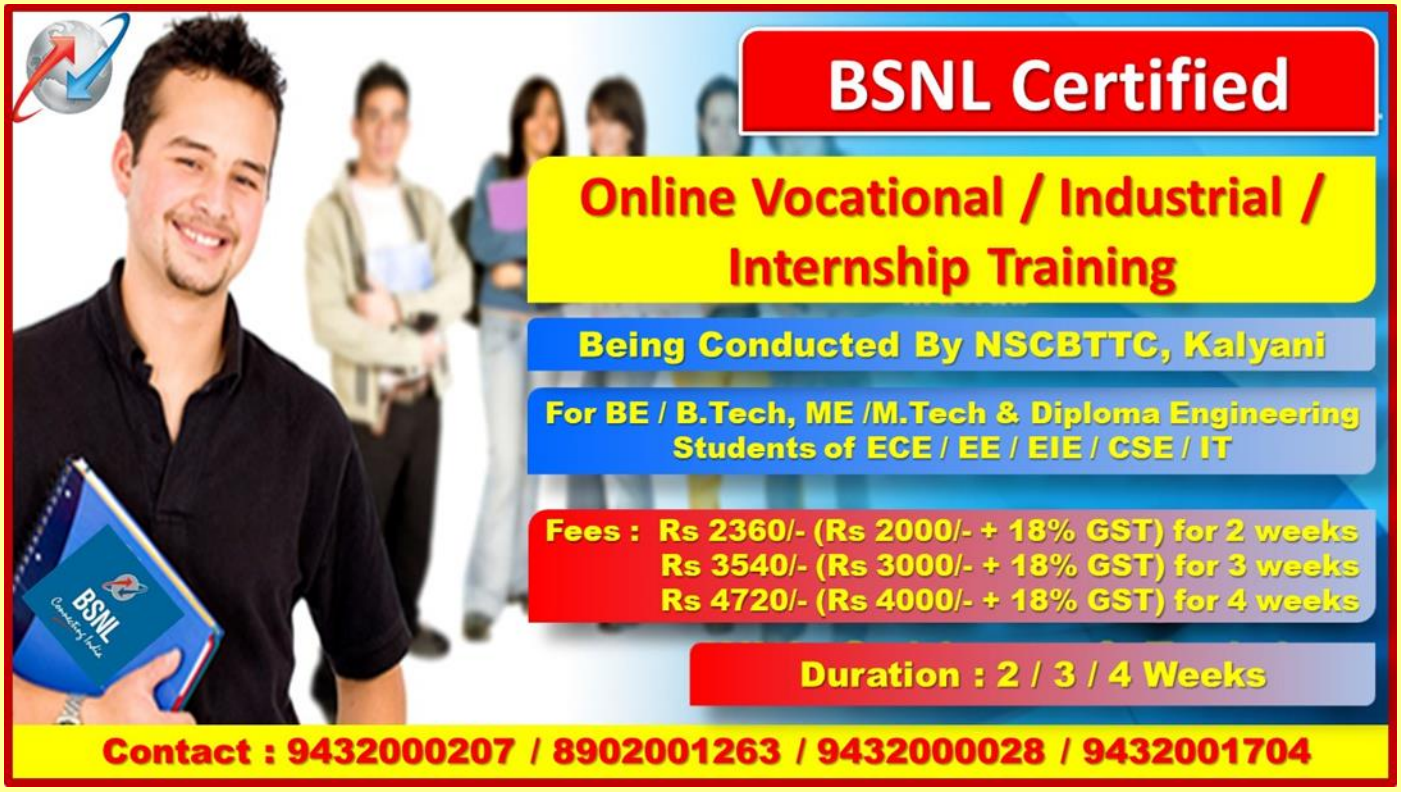


About NSCBTTC :

- Netaji Subhas Chandra Bose Telecom Training Centre (NSCBTTC) is a Zonal Telecom Training Centre of BHARAT SANCHRT NIGAM LIMITED. It was established on 3rd Aug 1981 at Kalyani, West Bengal by Department of Telecommunications, Govt. of India.
- NSCBTTC conducts Vocational Training , Industrial Training , Internship Training , Industrial visit, Project Guidance on latest Telecom Technologies and Information Technologies for the students of M.E / M.Tech, B.E / B.Tech, Diploma in Engineering and ITI students.
- NSCBTTC has been conducting Vocational Training/ Industrial Training / Internship for past several years and it has been well appreciated by Students / Colleges / Universities. This has helped the students in enhancing their career prospects and their employability.

Office Address : Netaji Subhash Chandra Bose Telecom Training Centre
Kalyani Simanta, Kalyani, Nadia, West Bengal, Pin : 741235
Near Kalyani Simanta Rail Station.
Visit Us at : https://kolkata.bsnl.co.in/NSCBTTCWEBPAGE
Mail Us : rttckalyani@bsnl.co.in, nscbttcbsnl@gmail.com
Follow Us at : www.facebook.com/rttckalyani

Online Vocational / Industrial / Internship Training



Mode of Training :

- Online live interactive session supported by video for Lab Sessions.

Mode of payment :

- Online payment through UPI / NEFT / Net-banking /IMPS
- Bank : SBI, Kalyani, A/ C No. : **11151090105** , IFSC : **SBIN0001082**
- Account Name : Accounts Officer, BSNL, NSCBTTC, Kalyani.
- Fee once paid will not be refunded or transferred.

Key Points :

- Training will be conducted through live online sessions supported by video for lab sessions.
- Training will be conducted for 5 days per week, 3 hours per day.
- Flexible timing of training class.
- E - Certificate will be issued after successful completion of the training.
- A presentation to be delivered on the last day of the training.
- Training Report to be submitted by the trainees of 4 weeks batch only.
- Training Report / Project report submission certificate will be issued to the trainees of 4 weeks batch only.
- For Course content follow **Course Details Section**
- **Discount :** 10 % discount may be offered for a group of 50 students or more from same college. 25% discount for wards of BSNL employees.

Courses Offered :

Sl	Name of the Course	Eligibility	Duration	Fees
1	Vocational Training on Basic Telecom Technology .	Diploma Engineering students of ECE/EE/EIE	2 Weeks	Rs.2360/-
2	Vocational Training on Basic Information Technology.	Diploma Engineering students of CSE / IT/ECE	2 Weeks	Rs.2360/-
3	Industrial Training on Telecom Technology.	Diploma/ Degree Engineering students of ECE/EE/EIE	3 Weeks	Rs.3540/-
4	Industrial Training on Information Technology.	Diploma / Degree Engineering students of CSE / IT/ECE	3 Weeks	Rs.3540/-
5	Industrial Training on Advance Telecom Technology (with training report)	Degree / Diploma Engineering students of ECE/EE/EIE	4 Weeks	Rs.4720/-
6	Industrial Training on Networking and Security Technology (with training report)	Degree / Diploma Engineering students of CSE /IT /ECE /EE /EIE	4 Weeks	Rs. 4720/-
7	Internship on Advanced Telecom Technology (with mini project)	Degree / Diploma Engineering students of ECE/EE/EIE	4 Weeks	Rs. 4720/-
8	Internship on Networking and Security Technology (with mini project)	Degree / Diploma Engineering students of CSE /IT /ECE /EE /EIE	4 Weeks	Rs. 4720/-
9	Internship on Optical Fibre Technology (with mini Project)	Degree / Diploma Engineering students of ECE/EE/EIE	4 Weeks	Rs. 4720/-

Express Interest at https://forms.gle/MDq8LKF9o5zLgyKv8

How to Apply :

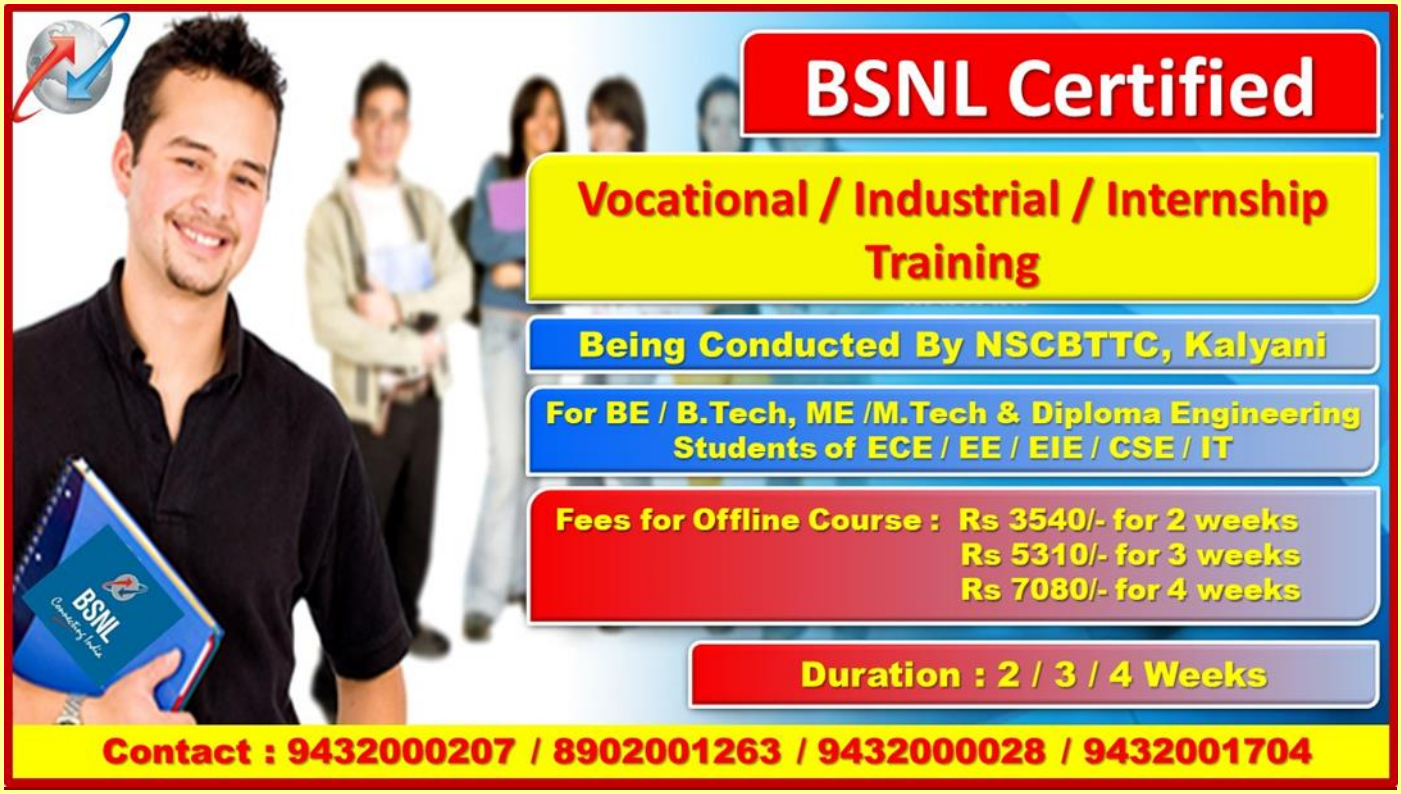
- Express your interest at https://forms.gle/MDq8LKF9o5zLgyKv8
- Make Payment to A/ C No. : **11151090105** , IFSC : **SBIN0001082** of SBI, Kalyani.
- Keep receipt of online transaction and note the transaction ID.
- Fill up the registration form by visiting www.kolkata.bsnl.co.in/NSCBTTCWEBPAGE/
- Registration will be approved in website after verification of payment.
- E-Mail with training details will be send before commencement of the training.

For Further Information

Contact : Mr. Sanjib Ghosh, Marketing Executive (9432000207)

Mr. Ashit Biswas, Principal (9432000169)

Offline Vocational / Industrial / Internship Training



Mode of Training :

- Offline Classroom session and live demonstration for Lab Sessions.

Mode of payment :

- Online payment through UPI / NEFT / Net-banking /IMPS
- Bank : SBI, Kalyani, A/ C No. : **11151090105** , IFSC : **SBIN0001082**
- Account Name : Accounts Officer BSNL NSCBTTC Kalyani.
- Fee once paid will not be refunded or transferred.

Key Points :

- Training will be conducted at NSCBTTC Campus consisting of theory class and Lab demonstration.
- Training will be conducted for 5 days per week, 3 hours per day.
- Flexible timing of training class, 11 AM to 2 PM or 2 PM to 5 PM.
- Certificate will be issued after successful completion of the training.
- A presentation to be delivered on the last day of the training.
- Training Report to be submitted by the trainees of 4 weeks batch only.
- Training Report / Project report submission certificate will be issued to the trainees of 4 weeks batch only.
- For Course content follow **Course Details Section**.

Discount : 10 % discount may be offered for a group of 50 students or more from same college. 25% discount for wards of BSNL employees.

Offline Courses Offered :

Sl	Name of the Course	Eligibility	Duration	Fees
1	Vocational Training on Basic Telecom Technology .	Diploma Engineering students of ECE/EE/EIE	2 Weeks	Rs.3540/-
2	Vocational Training on Basic Information Technology.	Diploma Engineering students of CSE / IT/ECE	2 Weeks	Rs.3540/-
3	Industrial Training on Telecom Technology.	Diploma/ Degree Engineering students of ECE/EE/EIE	3 Weeks	Rs.5310/-
4	Industrial Training on Information Technology.	Diploma / Degree Engineering students of CSE / IT/ECE	3 Weeks	Rs.5310/-
5	Industrial Training on Advance Telecom Technology (with training report)	Degree / Diploma Engineering students of ECE/EE/EIE	4 Weeks	Rs.7080/-
6	Industrial Training on Networking and Security Technology (with training report)	Degree / Diploma Engineering students of CSE /IT /ECE /EE /EIE	4 Weeks	Rs. 7080/-
7	Internship on Advanced Telecom Technology (with mini project)	Degree / Diploma Engineering students of ECE/EE/EIE	4 Weeks	Rs. 7080/-
8	Internship on Networking and Security Technology (with mini project)	Degree / Diploma Engineering students of CSE /IT /ECE /EE /EIE	4 Weeks	Rs. 7080/-
9	Internship on Optical Fibre Technology (with mini Project)	Degree / Diploma Engineering students of ECE/EE/EIE	4 Weeks	Rs. 7080/-

How to Apply :

- Express your interest at https://forms.gle/SBC3XZKAhGkhE36P7
- Make Payment to A/ C No. : **11151090105** , IFSC : **SBIN0001082** of SBI, Kalyani.
- Keep receipt of online transaction and note the transaction ID.
- Fill up the registration form by visiting https://kolkata.bsnl.co.in/NSCBTTCWEBPAGE/
- Registration will be approved in website after verification of payment.
- E-Mail with training details will be send before commencement of the training.

For Further Information

Contact : Mr. Sanjib Ghosh, Marketing Executive (9432000207)
Mr. Ashit Biswas, Principal (9432000169)

Course Details

Vocational Training on Basic Telecom Technology	
Duration :	2 Weeks
Eligibility :	Diploma Engineering students of ECE/EE/EIE etc.
Key Topics :	Telecom Switching Network & NGN, Overview of Digital Transmission Technology, Overview of Telecom Infrastructure & Power Plant, Broadband Network Overview, DSL Technologies, ADSL CPE & Security in Wifi Broadband Access, Optical Fiber Communication Overview, Optical Fiber Splicing, Connectors and Couplers, Mobile Communication overview, 3G & 4G Mobile Communication, IOT, Cyber Security.
Practical Topics :	Telecom Components, Telecom Switching Lab, Transmission System Lab, SMPS & Power Plant Lab, OFC demonstration and OFC Splicing, Mobile Communication Lab, Broadband Network demonstration & Broadband CPE configuration etc.
Assessment :	Presentation by trainees on any topic.
Certification :	Successfully Completion Certificate from BSNL.
Vocational Training on Basic Information Technology	
Duration :	2 Weeks
Eligibility :	Diploma Engineering students of CSE / IT
Key Topics :	Object Oriented Programming with Java, Database Concept and SQL, Linux Operation System, Cloud Computing and virtualization, IOT.
Practical Topics :	Core Java programming, Oracle Database administration and SQL, Linux Administration, Virtual Machine Configuration, IOT demonstration using Packet Tracer.
Assessment :	Presentation by trainees on any topic.
Certification :	Successfully Completion Certificate from BSNL.
Industrial Training on Telecom Technology	
Duration :	3 Weeks
Eligibility :	Diploma / Degree Engineering students of ECE/EE/EIE etc
Key Topics :	Telecom Switching Network & NGN, Overview of Telecom Infrastructure and power plant, Overview of Digital Transmission Technology, SDH and DWDM Technology, FTTH, Broadband Access Technologies, Broadband Network Overview, DSL Technologies & ADSL CPE, VLAN & DSLAM, Optical Fiber Communication, Optical Fiber Splicing Connectors &

	Couplers, OFC Fault Localisation, Overview of Mobile Communication, 3G & 4G Mobile Communication, Networking Concept OSI Model LAN, TCP/ IP and IP Addressing, Routing Principle and Router Architecture, IOT.
Practical Topics :	Telecom Switching Lab, Telecom Transmission systems, PDH & SDH Lab, SMPS & Power Plant Lab, OFC demonstration and OFC Splicing, OFC fault Localisation using OTDR, Mobile Antenna and BTS Testing, Drive Test and analysis of radio parameter, Broadband Network & Broad CPE configuration, VLAN & DSLAM Configuration, IOT Case study.
Assessment :	Presentation by trainees on any topic.
Certification :	Successfully Completion Certificate from BSNL.
Industrial Training on Information Technology	
Duration :	3 Weeks
Eligibility :	Diploma / Degree Engineering students of CSE / IT
Key Topics :	Object Oriented Programming with Java, Database Concept and SQL, Linux Operation System, Cloud Computing and virtualization, IOT, Networking Concept, OSI Model, TCP/ IP and IP Addressing, Routing Principle and Router Architecture, Information and Cyber Security.
Practical Topics :	Core Java programming, Oracle Database administration and SQL, Linux Administration, Virtual Machine Configuration, IOT demonstration using Packet Tracer, Router Configuration, Static and Dynamic routing configuration, Implementation of security using firewall.
Assessment :	Presentation by trainees on any topic.
Certification :	Successfully Completion Certificate from BSNL.
Industrial Training on Advance Telecom Technology (with training report)	
Duration :	4 Weeks
Eligibility :	Degree / Diploma Engineering students of ECE/EE/EIE etc
Key Topics :	Telecom Switching Network & NGN, Overview of Telecom Infrastructure and power plant, Overview of Digital Transmission Technology, SDH and DWDM Technology, FTTH, Broadband Access Technologies, Broadband Network Overview, DSL Technologies & ADSL CPE, VLAN & DSLAM, Optical Fiber Communication, Optical Fiber Splicing Connectors & Couplers, OFC Fault Localisation, Overview of Mobile Communication, 3G/4G & 5G Mobile Communication, Networking Concept OSI Model LAN, TCP/ IP and IP Addressing, Routing Principle and Router Architecture, Information and Cyber Security, IOT.

Lab Topics :	Telecom Switching Lab, Telecom Transmission systems, PDH & SDH Lab, SMPS & Power Plant Lab, OFC demonstration and OFC Splicing, OFC fault Localisation using OTDR, Mobile Antenna and BTS Testing, Drive Test and analysis of radio parameter, Broadband Network & Broad CPE configuration, VLAN & DSLAM Configuration, Router Configuration, Static and Dynamic routing configuration, Implementation of security using firewall, IOT Case study etc.
Assessment :	Preparation and submission of training report and presentation by trainees.
Certification :	Successfully Completion Certificate & training report submission certificate from BSNL.
Industrial Training on Networking and Security Technology (with training report)	
Duration :	4 Weeks
Eligibility :	Degree / Diploma Engineering students of CSE /IT /ECE /EE /EIE
Key Topics :	Basic networking concepts, OSI & TCP/IP, IPv4 Addressing & Subnetting, Routing Concept and Routing Protocol, Router architecture & Configuration, LAN and Switch, VLAN Concept, Inter VLAN routing, IPv6 and its Implementation, ACL Concept and Firewall, VPN and MPLS, Cyber Security, Wireless LAN and Security, Network Servers : DNS, DHCP, FTP, PROXY, WEB Server etc
Practical Topics :	Identification of Networking Components, LAN Implementation, Subnetting and super-netting implementation, Basic Switch Configuration, VLAN configuration in Switch, Inter VLAN configuration, Basic Router Configuration, Static and Default Routing Configuration, Configuration of Dynamic Routing Protocols, IPv6 Configuration in Router, ACL Configuration, VPN Configuration, implementing security using firewall. Configuration of network servers and services.
Assessment :	Preparation and submission of training report and presentation by trainees.
Certification :	Successfully Completion Certificate & training report submission certificate from BSNL.
Internship on Advance Telecom Technology (with mini Project)	
Duration :	4 Weeks
Eligibility :	Degree / Diploma Engineering students of ECE/EE/EIE etc
Key Topics :	Telecom Switching Network & NGN, Overview of Telecom Infrastructure and power plant, Overview of Digital Transmission Technology, SDH and DWDM Technology, FTTH, Broadband Access Technologies, Broadband Network Overview, DSL Technologies & ADSL CPE, VLAN & DSLAM, Optical Fiber Communication, Optical Fiber Splicing

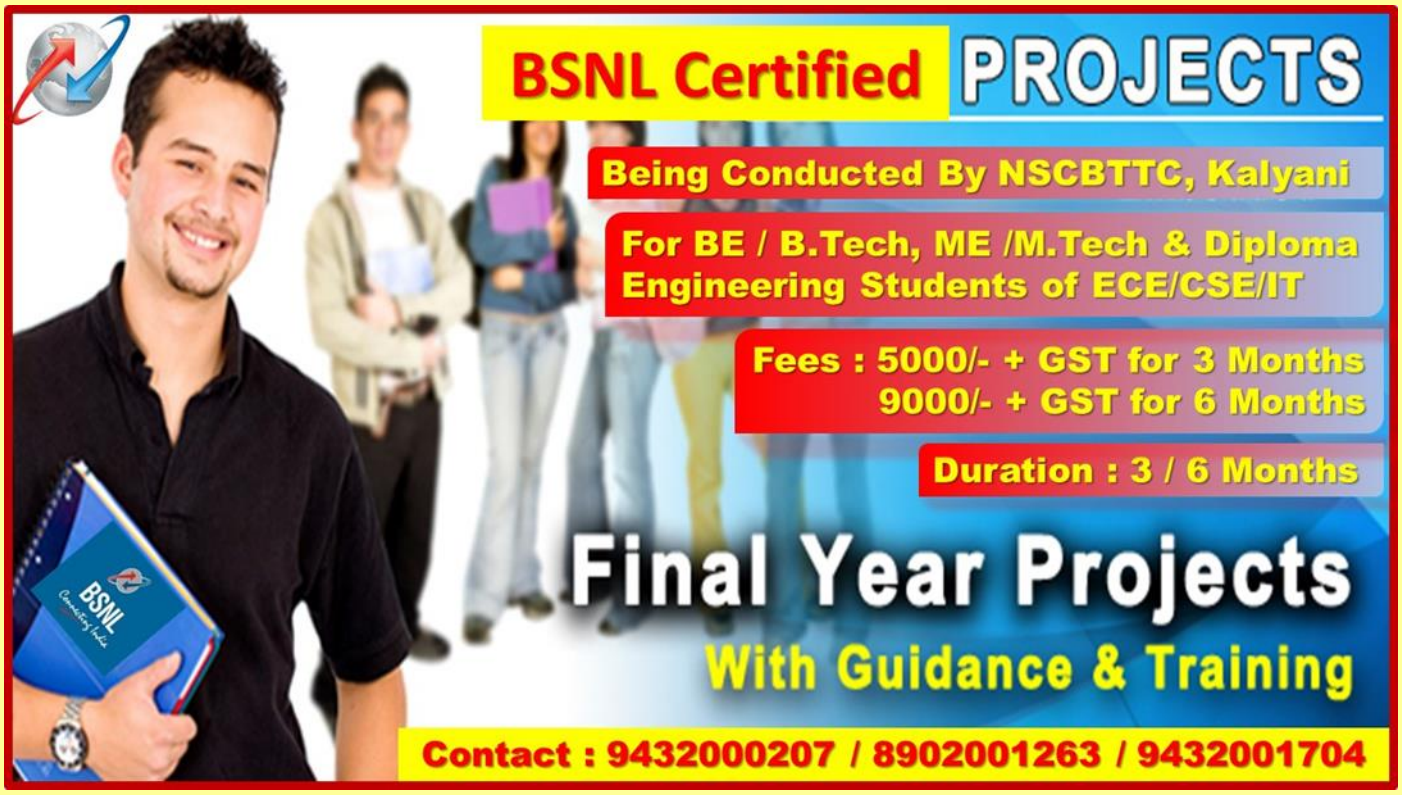
	Connectors & Couplers, OFC Fault Localisation, Overview of Mobile Communication, 3G/4G & 5G Mobile Communication, Networking Concept OSI Model, LAN, TCP/ IP and IP Addressing, MPLS VPN, Routing Principle and Router Architecture,, Information and Cyber Security, IOT.
Practical Topics :	Telecom Switching Lab, Telecom Transmission systems, PDH & SDH Lab, SMPS & Power Plant Lab, OFC demonstration and OFC Splicing, OFC fault Localisation using OTDR, Mobile Antenna and BTS Testing, Drive Test and analysis of radio parameter, Broadband Network & Broad CPE configuration, VLAN & DSLAM Configuration, Router Configuration, Static and Dynamic routing configuration, Implementation of security using firewall, IOT Case study etc.
Assessment :	Preparation and submission of Project Report on a topic .
Certification :	Successfully Completion Certificate & Project Completion certificate from BSNL.
Internship on Networking and Security Technology (with mini Project)	
Duration :	4 Weeks
Eligibility :	Degree / Diploma Engineering students of CSE /IT /ECE /EE /EIE
Key Topics :	Basic networking concepts, OSI & TCP/IP, IPv4 Addressing & Subnetting, Routing Concept and Routing Protocol, Router architecture & Configuration, LAN and Switch, VLAN Concept, Inter VLAN routing, IPv6 and its Implementation, ACL Concept and Firewall, VPN and MPLS, Cyber Security, Wireless LAN and Security, Network Servers : DNS, DHCP, FTP, PROXY, WEB Server etc
Practical Topics :	Identification of Networking Components, LAN Implementation, Subnetting and supernetting implementation, Basic Switch Configuration, VLAN configuration in Switch, Inter VLAN configuration, Basic Router Configuration, Static and Default Routing Configuration, Configuration of Dynamic Routing Protocols, IPv6 Configuration in Router, ACL Configuration, VPN Configuration, implementing security using firewall. Configuration of network servers and services.
Assessment :	Preparation and submission of Project Report on a topic .
Certification :	Successfully Completion Certificate & Project Completion certificate from BSNL.
Internship on Optical Fibre Technology (with mini Project)	
Duration :	4 Weeks
Eligibility :	Degree / Diploma Engineering students of ECE /EE /EIE

Key Topics :	Overview of Optical Communication, Structure of Optical Fibre Cable, Different types of OFC, Laying of OFC, Optical Fiber Splicing, Optical Fibre Connectors Couplers and Optical Joint box, Optical Measuring Instruments, Overview of Digital Transmission Technology, SDH and DWDM Technology, CPAN, Overview of Optical Transport Network, FTTH Technology
Practical Topics :	Optical Fibre Splicing, Fault Localisation using OTDR, Demonstration of Optical Transmission Network, Optical Link installation, Optical Link Measurement, FTTH Lab etc.
Assessment :	Preparation and submission of Project Report on a topic .
Certification :	Successfully Completion Certificate & Project Completion certificate from BSNL.

For further information regarding course contents :

Contact : Mr. T K Mondal (9432000207)
SDE, NSCBTTC, Kalyani.

PROJECT WORK for BE / B. Tech, ME / M. Tech & DIPLOMA Students



RTTC Kalyani, BSNL is offering guidance, training and certification of project for final year students of Diploma, Degree and Post Graduate Engineering on latest Telecommunication Technologies and IT .

Project Areas :

- Telecom Switching System and Next Generation Network
- Optical Fibre Cable Network
- Optical Transmission Technologies
- Broadband Access Technologies
- Mobile Communication
- Networking and Security Technologies

Salient Features :

- Industry oriented project topics.
- Guidance from Industry experienced Faculty Members throughout the project.
- Online / Offline mode of interaction class.
- Flexible timing of interaction class.
- Registration open throughout the year.
- There is no restriction on the number of students in an individual Project.
- Project completion certificate will be issued from BSNL to individual students.

Project Duration :

- 3 Months (25 Hours Contact Class)
- 6 Months (50 Hours Contact Class)

Project Fees :

- Rs 5000/- plus 18% GST for 3 Months (Rs. 5,900/-)
- Rs 9000/- plus 18% GST for 6 Months (Rs. 10,620/-)
- Rs 28000/- plus 18% GST for 6 Months for a group of 4 Students (Rs. 8260/- per student)

Mode of payment :

- Online payment through UPI / NEFT / Net-banking /IMPS
- Bank : SBI, Kalyani, A/ C No. : 11151090105 , IFSC : SBIN0001082
- Account Name : Accounts Officer, BSNL, NSCBTTC, Kalyani.
- Fee once paid will not be refunded or transferred.

Who Can Apply :

- Final Year Diploma Engineering students of ECE / EIE / CSE /IT .
- Final Year BE / B. Tech Engineering students of ECE / EIE / CSE /IT .
- Final Year ME/ M.Tech students of ECE / EIE / CSE / IT.
- Final year BCA / MCA Students.
- Students may apply for projects with Permission from College or may do Voluntarily.

How to Apply :

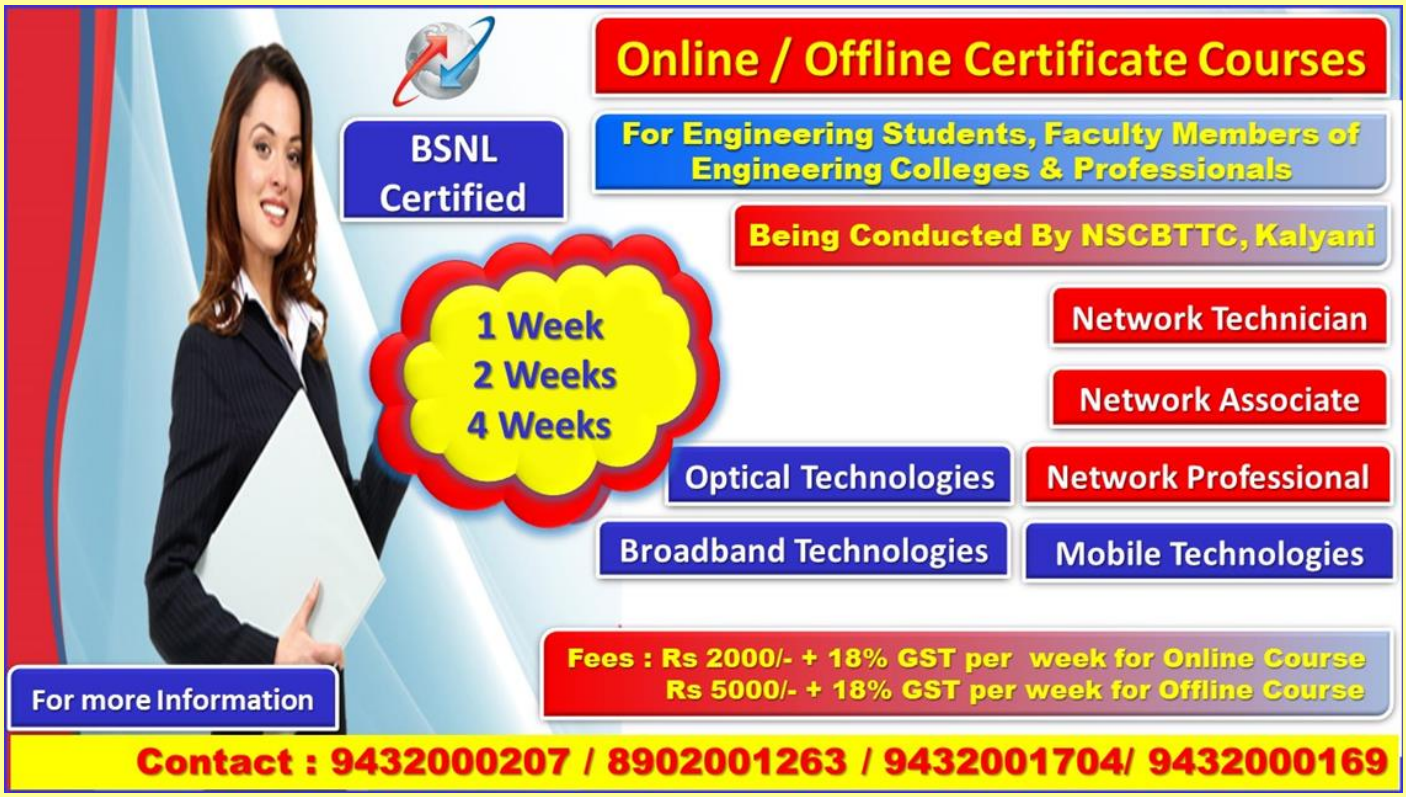
- Express your interest at https://forms.gle/FMnseydTtVHCyGSM9
- Make Payment to A/ C No. : 11151090105 , IFSC : SBIN0001082 of SBI, Kalyani.
- Fill up the application form attached with the brochure and send to mail id : nscbttcbsnl@gmail.com along with payment receipt.
- Confirmation mail will be sent on receipt of the application.

Visit us at https://kolkata.bsnl.co.in/NSCBTTCWEBPAGE

List of Projects being conducted by NSCBTTC, Kalyani

Telecom Switching Network Projects	
1	Design and Deployment of Next Generation Network with CDOT- MAX NG.
2.	Next Generation Network Deployment and Migration Strategies.
3.	A Comparative Study on Evolution of Telecom Switching Network.
Optical Fibre Cable Network Projects	
1.	A Study on Optical Fibre Cable and its application in Telecommunication Network.
2.	A Project on Optical Fibre Cable Link Commissioning, Testing and Maintenance Techniques.
3.	A Comparative study on media used in Telecommunication.
Optical Transmission Network Projects	
1.	Bandwidth provisioning to Corporate Network by using SDH Technology.
2.	Link Management in SDH with protection.
3.	A comparative study on evolution of digital transmission technologies.
Broadband Access Technology Projects	
1.	A Complete study on design and implementation of Broadband Access Technologies.
2.	Design and Implementation of Optical Fibre based Broadband Access Network.
Mobile Communication Projects	
1.	A Comparative study of 2G, 3G & 4G Mobile Communication Network.
2.	Study on Operation and Maintenance of BTS in Mobile Communication Network.
3.	A detailed study on evolution of Mobile Communication from 1G to 5G.
4.	Study and analysis of KPI of Mobile Communication Network and optimization of Mobile Network.
Networking and Security Technology Projects	
1.	A Study on Implementation of IPv6 Transition Mechanism.
2.	A Comparative Study and Implementation of Dynamic Routing Protocols.
3.	Design and Implementation of Enterprise Network with Services.
4.	LAN and Intranet – A complete Study.
5.	Design and simulation of Multi Site Corporate VPN.
6.	Network Access Control by Implementing ACL in Corporate Network.

BSNL Certified Online / Offline Certification Courses



List of BSNL Certified Online / Offline Certification Courses	
Certificate Course on Optical Fibre Cable	3 days
Certificate Course on OFC Splicing and Fault Detection	3 days
Certificate Course on Optical Fibre Transport Network	1 Week
Certificate Course on Mobile Technology	1 Week
Certificate Course on Broadband Technology	1 Week
Certificate Course on Digital Switching System and NGN	1 Week
Certificate Course on Basic IP Networking	1 Week
Certificate Course on Advanced IP Networking	2 Weeks
Certificate Course on IP Networking and Security Technology	4 Weeks
Certificate Course on IPv6 addressing and deployment	3 Days

- **There will be 3 hour session per day and 5 days per week.**
- **Customised courses on Advanced Networking and and Latest Telecom Technologies with flexible duration can be conducted as per requirement.**

Certificate Course on Optical Fibre Cable	
Duration :	3 Days
Mode:	Online / Offline
Course Fee :	**Rs. 1200/- / Rs. 3000/-**
Key Topics :	Overview of Optical Communication, Structure of Optical Fibre Cable, Different types of OFC, Laying of OFC, Optical Fiber Splicing, Optical Fibre Connectors, Couplers and Optical Joint box, Optical Measuring Instruments etc.
Certificate Course on OFC Splicing and Fault Detection	
Duration :	3 Days
Mode :	Offline
Course Fee :	**Rs. 3000/-**
Key Topics :	Optical Fiber Splicing Techniques, Optical Fibre Splicing Tools, Working principle of OTDR. Fault detection by OTDR. Hands on practice on Splicing and OTDR.
Certificate Course on Optical Fibre Transport Network	
Duration :	1 Week (5 Days)
Mode :	Online / Offline
Course Fee :	**Rs. 2000 / Rs. 5000/-**
Key Topics :	Overview of Optical Communication, Structure of Optical Fibre Cable, Different types of OFC, Laying of OFC, Optical Fiber Splicing, Optical Fibre Connectors and Couplers, Optical Measuring Instruments, Overview of Digital Transmission Technology, SDH and DWDM Technology, CPAN, Overview of Optical Transport Network, FTTH Technology. Practical on Optical Fibre Splicing, Fault Localisation using OTDR, Demonstration of Optical Transmission Network, Optical Link installation, Optical Link Measurement.
Certificate Course on Mobile Technology	
Duration :	1 Week (5 Days)
Mode :	Online / Offline
Course Fee :	**Rs. 2000 / Rs. 5000/-**
Key Topics :	Overview of Cellular Communication, Frequency Planning Concept, Mobile Network Architecture, Different Generation of Mobile

	Communication, GSM Network Architecture, Operation of GSM Network, Physical and logical Channels of GSM, Optimization of GSM Network and drive test, GPRS and EDGE technology. 3G UMTS Network architecture and operation, LTE Network Architecture and its operation. 5G Architecture, operation and application.
Certificate Course on Broadband Technology	
Duration :	1 Week (5 Days)
Mode :	Online / Offline
Course Fee :	**Rs. 2000 / Rs. 5000/-**
Key Topics :	Broadband Access Technologies, DSL Technologies , ADSL Network architecture and operation, CPE and DSLAM configuration, FTTH Technologies, GPON network architecture and operation.
Certificate Course on Digital Switching System and NGN	
Duration :	1 Week (5 Days)
Mode :	Online / Offline
Course Fee :	**Rs. 2000 / Rs. 5000/-**
Key Topics :	Overview of Digital switching and electronic exchange, Signalling in digital switching, Different types of electronic exchanges. Architecture and operation of digital exchanges, Architecture and operation of Next Generation Network.
Certificate Course on Basic IP Networking	
Duration :	1 Week (5 Days)
Mode :	Online / Offline
Course Fee :	**Rs. 2000 / Rs. 5000/-**
Key Topics :	Basic networking concepts, OSI & TCP/IP, IPv4 Addressing & Subnetting, Routing Concept and Routing Protocol, Router architecture & Configuration, LAN and Switch configuration,
Certificate Course on Advance IP Networking	
Duration :	2 Weeks (5 Days/week)
Mode :	Online / Offline
Course Fee :	**Rs. 4000 / Rs. 10000/-**
	Basic networking concepts, OSI & TCP/IP, IPv4 Addressing & Subnetting, Routing Concept and Routing Protocol, Router architecture

	& Configuration, LAN and Switch, VLAN Concept, Inter VLAN routing, Identification of Networking Components, LAN Implementation, Subnetting and supernetting implementation, Basic Switch Configuration, VLAN configuration in Switch, Inter VLAN configuration, Basic Router Configuration, Static and Default Routing Configuration, Configuration of Dynamic Routing Protocols, IPv6 Configuration in Router,
Certificate Course on IP Networking and Security Technology	
Duration :	4 Weeks (5 Days/week)
Mode :	Online / Offline
Course Fee :	**Rs. 8000 / Rs. 20000/-**
	Basic networking concepts, OSI & TCP/IP, IPv4 Addressing & Subnetting, Routing Concept and Routing Protocol, Router architecture & Configuration, LAN and Switch, VLAN Concept, Inter VLAN routing, IPv6 and its Implementation, ACL Concept and Firewall, VPN and MPLS, Wireless LAN and Security, Network Servers : DNS, DHCP, FTP, PROXY, WEB Server etc. Identification of Networking Components, LAN Implementation, Subnetting and supernetting implementation, Basic Switch Configuration, VLAN configuration in Switch, Inter VLAN configuration, Basic Router Configuration, Static and Default Routing Configuration, Configuration of Dynamic Routing Protocols, IPv6 Configuration in Router, ACL Configuration, VPN Configuration, implementing security using firewall. Configuration of network servers and services.
Certificate Course on IPv6 addressing and deployment	
Duration :	3 Days
Mode:	Online / Offline
Course Fee :	**Rs. 1200/- / Rs. 3000/-**
Key Topics:	Introduction to IPv6, Advantage of IPv6, IPv6 address format, Different types of IPv6 address , IPv6 subnetting, IPv6 configuration in Router, IPv6 DHCP, IPv6 Transition techniques

BSNL Certified Industrial Training for ITI Students

Key Points :

- Fully Practical Oriented Training.
- Hands on Practice facility.
- Training by Industry Experts from BSNL.
- 3 Hours training per day.
- Certificate will be issued from BSNL after completion of training.

Registration :

- Online Registration by visiting http://kolkata.bsnl.co.in/NSCBTTCWEBPAGE

Payment :

- Online payment through UPI / NEFT / Net-banking /IMPS
- Bank : SBI, Kalyani, A/ C No. : 11151090105 , IFSC : SBIN0001082
- Account Name : Accounts Officer, BSNL, NSCBTTC, Kalyani

For Further Information

Contact : Mr. Sanjib Ghosh, Marketing Executive (9432000207)
Mr. Ashit Biswas, Principal (9432000169)

Industrial Training on Optical Fibre Technician	
Duration :	1 Week (5 days)
Eligibility :	ITI Student
Course Fee :	**Rs. 1750/-**
Key Topics :	• Optical Fibre Cable Characteristics • Types of Optical Fibre Cable • Optical Fibre Tools • Optical Connectors, Couplers, FDP • Splicing of Optical Fibre Cable • Optical Fibre Cable Testing Equipment's • Optical Fibre Cable fault detection by OTDR
Industrial Training on Broadband Technician	
Duration :	1 Week (5 days)
Eligibility :	ITI Student
Course Fee :	**Rs. 1750/-**
Key Topics :	• Different types of Cable used in Broadband Network • Broadband Network Components • Preparation of LAN Cable. • Testing of LAN Cable • Broadband Connection Setup • Configuration of Broadband CPE • WiFi Router Configuration • Troubleshooting of Broadband Connection
Industrial Training on BTS Maintenance Technician	
Duration :	1 Week (5 Days)
Eligibility :	ITI Student
Course Fee :	**Rs. 1750/-**
Key Topics :	• Components of BTS Site • Maintenance of Battery • Maintenance of SMPS & Power Plant • Maintenance of Air Conditioner • BTS Testing Tools • BTS Antenna Alignment • Fault Monitoring of BTS