

TRANSMISSION FACULTY

Transmission faculty is one of the premium faculty of ALTTC Ghaziabad. This faculty of ALTTC is delivering quality training in the most advanced transmission systems. It covers theoretical and practical aspects of SDH, NG SDH, FTTH, DWDM, OTN & CPAN equipments and their working in the real networks. In past, transmission faculty of ALTTC has conducted training programs, workshops, seminars and webinars for the benefit of BSNL officers and engineers as well as for executives and trainees from reputed MNCs/Corporates/Govt entities like Nokia & Siemens, HFCL, PGCIL, GAIL, ONGC, APT, ITU, MTNL, TCIL, Nepal Telecom, ASEAN and officers from central secretariat. In our training programs we cover the latest trend in transmission technology like, Automatic Switched Optical Network, Optical Transport Network, Horizontal Directional Drilling and hands on experience on ribbon splicing techniques etc. We have separate customized course for Corporate, Government Entities and Engineering students and graduates to cater specific requirements.

Our faculty comprises of officers and engineers who have experience in the range of 10-30 years in the field of installation, commissioning, operation and maintenance of Transmission Network in DOT/BSNL.

Labs	Equipment	Make
Optical Fiber Cable	Ribbon Splicing Machine , OTDR, Single fiber splicing Machine, Splicing Tool Kit, Joint Closures, Various types of cable, Power Meter, Optical Power Source	Fujikura etc.
SDH	STM-1/4/16	Tejas Network
NG-SDH	STM-1/4/16	Tejas Network/ITI
2.5 G DWDM	2 Terminal + 1 OLA	ZTE
FTTH	One OLT, Splitters, ONTs etc.	Huawei
10 G DWDM	2 Terminals + 1 OADM	Huawei

COURSES OFFERED BY TRANSMISSION FACULTY FOR EXTERNAL TRAINEES

NAME OF THE COURSE	DURATION
BSNL Certified Course on Digital Transport Technologies	05 Days
BSNL Certified Course on optical Fiber Splicing Techniques and Measurements	05 Days
BSNL Certified Course on Planning and Maintenance of Fiber to the Home (FTTH: GPON/GEAPON) Networks	05 Days
BSNL Certified Course on Next Generation Optical Transport Network	05 Days
BSNL Certified Course on Dense Wavelength Division Multiplexing (DWDM)	05 Days
BSNL Certified Course on Next Generation SDH Planning, Operation and Maintenance	05 Days

Note: These courses can also be conducted online as per customer requirement. This will be one day per week for face to face interaction and lab session for 05/06 week.

COURSES OFFERED BY TRANSMISSION FACULTY FOR BSNL EXECUTIVES

NAME OF THE COURSE	DURATION
In-service Course on OTN, MPLS-TP & CPAN	06 Days
In-service Course on DWDM and OTN	05 Days
In-service Course on NG-SDH & DWDM	05 Days
In-service Course on CPAN and MPLS-TP	04 Days
In-service Course on Digital Transmission and OFC	05 Days
In-service Course on OFC and FTTH	04 Days
In-service Course on ERP: Integrated Course on PS, MM, PM and FICO Modules	06 Days

Note: The faculty may offer combo customized course on various transport technologies as per need and requirements of customers.

ALTTC is spread in verdant terrain with sparsely scattered building structures to ensure co-existence of local flora and fauna side by side with the human settlements. Its salubrious and serene panorama facilitates the trainees in having a unique experience of learning in the most tranquil solitude that is only disturbed the melancholy call of peacocks.

Lodging and Boarding facilities are available in ALTTC campus. Please visit our website for more information.

Contact us:

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ADVANCED LEVEL TELECOMMUNICATIONS TRAINING CENTRE

Apex training centre of BSNL

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