

INFRASTRUCTURE

Building of STC:



Lawn & Garden:



Re-Creation hall (Common Room)



Lawn & Garden:



05 Classroom:



Library:



Computer Lab:



C&W Lab:.



Diesel Engine Lab:



Train Lighting Lab:



WSP Lab:



C&W Model Park:



Welding Lab:



Mess / Dining Hall :



Roof Top Solar System:



Heritage Gallery:



Gymnasium:



Sewage Treatment Plant:



HOSTEL & MESS

The Apprentice Engineers Hostel has 114 rooms with a total bed capacity of 170 beds. The dining hall has a seating capacity for serving 120 meals at a time. The mess is run by the trainees on self-financing and self-managed basis. The hostel has a common recreation hall with cable TV, indoor gymnasium, open badminton and volleyball courts.

YOGA CLASSES

Yoga is must for a moving towards a healthy life style and avoid lifestyle diseases which are rising at an alarming rate. Regular yoga classes are being conducted by an expert qualified trainer on a daily basis. Yoga is compulsory for all trainees residing in the hostel.

STC LIBRARY (e-Granthalaya)

The well furnished and well stocked library has more than 2200 books on various subjects such as Engineering, Management, Information Technology, Welding Technology and Yoga. Various Hand books, Codes, Maintenance manuals, Accident manuals etc. are also available for reference. Newspapers in Hindi and English are also available.

EXTRA CURRICULAR ACTIVITIES

Extra-Curricular activities like Nukad-Nataks, Debate competitions, Essay writing, Poster making, Swachta Shramdaan etc. help in overall personality development of the trainees.

GREEN INITIATIVES

The campus has a tertiary level sewage treatment plant, Rain water harvesting plant, Art from scrap, solar energy plant which are some of the green initiatives taken by STC for sustainable growth objective. These initiatives also serve as practical feasibility demonstration for grooming the trainees towards a cultural shift for adopting environmentally sustainable growth models.

AIR CONDITION LAB

Air Condition LAB is established with Refrigeration Cycle trainer, Gas charging Trainer, basic Air conditioning trainer, Small Components (*Compressors etc*), Models Learning Station and RMPU Trainer with ICF & LHB Control Panels

C&W LAB

Well equipped with various learning stations related to C&W components and its working. The Lab has Air Brake System simulator to demonstrate working of DV and various Air Brake System Components. Various components and cut models of ICF, LHB and Wagon are available in this Lab. For better understanding various animated video film has been developed and displayed through Over Head Projector.

COMPUTER LAB

For the training on MS WORD, EXCEL, POWER POINT and INTERNET for Northern Railway Supervisors and Technicians, a well equipped Computer Lab with Latest Desktop Computers, Wi-Fi connection with Internet facility and printing is available.

DIESEL ENGINE LAB

It has been upgraded for training on various systems of Alco and EMD locomotives. There are Fuel oil system Trainer, Lube oil system Trainer, Water Cooling system Trainer, Braking system Trainer, Loco and DEMU trainer and Electrical System Trainer. Through these trainers, videos and literature are exhibited to the trainees for better learning of practical knowledge along with trouble shooting.

TRAIN LIGHTING LAB

Train Lighting LAB is developed in STC for imparting knowledge on Train Lighting. The Lab is equipped with ICF & LHB Air Conditioned Coach wiring diagram and model of various components. The Wiring Diagram Trainer of 2nd AC ICF and LHB and also have electrical meters and gauges, IV couplers ICF & LHB, WRA and other components – models and cut sections.

WELDING LAB (Centre for Excellence)

Welding LAB of WTC is developed with a motive of imparting quality education over welding to the trainees. It has been provided with advanced learning equipments viz. Interactive Learning Board, Training Station with AC & DC IGBT based welding plants, MIG/CO₂ welding plant, Plasma, LPG, Oxy-acetylene cutting plants, Fume Extractor system & Welding Simulator.

WSP LAB (Centre for Excellence)

STC has a well-furnished training Lab for Wheel Slide Protection system used in LHB Coaches. The Lab has FIAT bogie with working model of Air Brake System. Different makes of WSP System is also available where practical training about it's working and troubleshooting is imparted to the trainees. For better understanding an animated video film has also been developed and displayed through HD LED TV.