

## **Detail of Courses- STTC-SBI (WR)**

### **A. Mandatory Courses**

<b>COURSE</b>	<b>CATEGORY</b>	<b>DURATION</b>	<b>PERIOD</b>
PROMOTEE	Junior Engineer (Signal)	08 + 09 Weeks	Once (On Promotion From Tech. to JE)
	Junior Engineer (Telecom)	06 + 06 Weeks	
INITIAL	App. Tech / Sig Grade I	8 + 17 Weeks	Once During Apprentice Period
	App. Tech / Sig Grade III	8 + 9 Weeks	
	App. Tech / Tele Grade III	8 + 9 Weeks	
REFRESHER	Technician (Signal / Tele)	4 Weeks	Every 4 Years
FOUNDATION	Tech (Sig ) Grade III	08 Weeks (SIG)	Once (On Promotion From Helper to Tech.)
	Tech (Tele) Grade III	08 Weeks(Tele)	
INDUCTION	Helper (Signal / Telecom)	04 Weeks	Once After Joining as Helper
INDUCTION REFRESHER	Helper Signal	02 Weeks (from Apr19)	Every 5 Years
	Helper Telecom		

<b>B. Equipment Courses(Signal)</b>	<b>C. Equipment Courses(Telecom)</b>
1. Relay Interlocking (M-M)	1. Optical Fiber Communication
2. Relay Interlocking (M-C)	2. Data Networking Fundamental
3. Electronic Interlocking (Ansaldo)	3. P.A. & P.I.S.
4. Electronic Interlocking (Medha)	4. Computer Appreciation (Tele)
5. DC Track Circuit	5. VOIP Exchange & Telephone Instrument
6. Study & Testing of Signaling Cables, ELD	6. Train Traffic Control
7. Basic concept of Signaling	7. Emergency Communication & Power Supply
8. ELB & LED signal	8. Study and Testing of Telecom Cables
9. Point Machine (Normal and TWS)	9. Computer Basics
10. UFSBI (S/L, D/L)	10. OFC Splicing for ESM and TCM
11. HADAC (CEL)	11. Quad Cable Jointing for TCM and Helper
12. SSDAC (CEL & Eldyne)	
13. SSDAC (GGtronics)	
14. Data Logger & Its Fault Analysis	
15. IPS & Secondary Battery, Earth & SPD	
16. Automatic Block Signaling	
17. KAVACH	
18. SMMS	

### **D. Special Courses- As per Requirement**

Pre Selection/Promotional Training to SC/ST & PwBD Candidates for ASTE Gr. B Exam	1. For Regular Exam Batch
	2. LDC Exam Batch
Demand based training	3. For DFCCIL/RVNL staff
	4. Orientation and Wireman Trade Course for Signaling Contractor's staff