Short Term Courses for Non- Metro Organizations

S No.	Department	Name of Course	Duration
1.	Electrical E&M	Ventilation & Air conditioning in Metro Stations	1 Day
2.		Power Supply Distribution & Power Backup arrangements in Metro Stations	1 Day
3.		Low Voltage Cables and Fire Safety	1 Day
4.	Electrical Traction	Fundamentals of Protection Relays – need and selection	1 Day
5.		Power Sub – Station	1 Day
6.		Traction System	1 Day
7.	Civil	Arbitration and Conciliation	6 Hrs
8.		Labour Laws	4 Hrs
9.		Tendering	4 Hrs
10.		Contract Management	4 Hrs
11.		Geotechnical Investigation (Data Interpretation)	4 Hrs
12.		Casting Yard	4 Hrs
13.		Finalization of alignment	4 Hrs
14.		Project Apraisal	4 Hrs
15.		Bearing: Elastomeric & Steel Bearings	6 Hrs (3 Hrs Field visit)
16.		Balanced Cantilever Construction	6 Hrs (3 Hrs Field visit)
17.	Civil	Casting in-situ Piling work: Critical Aspects	6 Hrs (3 Hrs Field visit)
18.		Steel Girder: Types, Selection, Fabrication, Testing & Erection	6 Hrs (3 Hrs Field visit)
19.		Box Girders: Features & Advantages, Selection criteria & Casting	6 Hrs (3 Hrs Field visit)
20.		PEB (Roof Portals) works at Station & Depots	6 Hrs (3 Hrs Field visit)
21.		Bottom-up methodology	4 Hrs
22.		Top-Down methodology	4 Hrs
23.		Waterproofing of Tunnels	4 Hrs
24.		Rail welding, Different type of welding	4 Hrs
25.		Leakage/Seepage repair strategy and Products	4 Hrs
26.		Concrete Technology – Intricacies and challenges faced	4 Hrs
27.		Pile Foundation & Liquifaction	4 Hrs
28.		Target Based maintenance – Action Plan Model	4 Hrs

Short Term Courses for Non- Metro Organizations

S No.	Department	Name of Course	Duration
29.	Rolling Stock	Training Module For Operation & Maintenance Of Machines & Plants	2 Days
30.		Taining Module on Mid-life rehabilitations/ refurbishment of Metro train	1 Day
31.		Training Module on Maintenance Phylosophy used in Delhi Metro Trains	1 Day
32.	S&T Signal	Un-Interruptible Power Supply System (UPS)	2 Days
33.		Valve Regulated Lead Acid Battery (VRLA)	2 Days
34.		Platform Screen Doors (PSD)	2 Days
35.		Axle Counter System	2 Days
36.	S&T Tele	Optical Fiber Transmission System	2 Days
37.		Telephone System	3 Days
38.		CCTV System	3 Days
39.		Networking System	3 Days
40.		PIDS/PAS System	2 Days
41.		Automatic Gate System	3 Days