



Govt. of India - Ministry of Railways
Indian Railways Institute of Mechanical & Electrical Engineering

Workshop Road, Jamalpur (Bihar) - 811214
 (An ISO 9001:2015, ISO 14001:2015 & ISO:50001:2011 Certified Institute)



Time Table

Course		21-SCMS-2		Refresher Course for CMS Supervisors of Indian Railways	
Course Duration		03-01-2022 to 28-01-2022		TimeTable Duration	03-01-2022 to 28-01-2022
No. of Participants		25		Venue	Lecture Hall No.-2
Course Director		Assistant Professor(EM)		Course Counselor	CI(EM-2)
Time Duration					
Date	09:15:00 - 11:15:00	11:30:00 - 13:30:00	14:30:00 - 16:30:00	16:30:00 - 17:30:00	
SCMS Week -I (03-01-2022 to 07-01-2022) - CI(EM-2)					
03-01-2022	INTRODUCTION AND REGISTRATION	Different cutting and gouging processes in IR Assistant Professor(EM)	Basic Ferrous Metallurgy CI(EM-2)	GROUP DISCUSSION & INTERACTION- 1HR	
04-01-2022	Basics of Heat Treatment & TTT Diagram CI(EM-2)	Corrosion Basics CI(EM-3)	Destructive Testing Techniques -I LECT. (EM)	Group Activities	
05-01-2022	Heat Treatment CI(EM-2)	Overview of Welding processes Assistant Professor(EM)	Overview of Welding processes-II Assistant Professor(EM)	GROUP DISCUSSION & INTERACTION- 1HR	
06-01-2022	Introduction to types of Steel and their properties CI(EM-2)	Weldability of Steels Assistant Professor(EM)	Destructive Testing Technique -II LECT. (EM)	GROUP DISCUSSION & INTERACTION- 1HR	
07-01-2022	Corrosion Prevention Techniques in IR CI(EM-3)	Steel Making Assistant Professor(EM)	Overview of NDT LECT. (EM)	Group Activities	
08-01-2022	Saturday - Weekly Rest				
09-01-2022	Sunday - Weekly Rest				
SCMS Week -II (10-01-2022 to 14-01-2022) - CI(EM-2)					
10-01-2022	Modern Instruments analysis CI(EM-2)	Wear Element Analysis of Lube Oil CI(EM-3)	Paints , its constituents and functions CI(EM-2)	Group Activities	
11-01-2022	Gas Chromatography CI(EM-2)	Different Paints used in IR and Painting Schedule of coaches and wagons CI(EM-2)	Testing of Lube Oil Fuel Oil and Coolant Water LECT. (EM)	Group Activities	
12-01-2022	Electric Loco Basics CI (ELECT)	Quality Issues in welding & introduction to ISO 3834 Assistant Professor(EM)	Macro & Micro Structure Examination LECT. (EM)	GROUP DISCUSSION & INTERACTION- 1HR	
13-01-2022	Stainless Steel Welding and associated problems Assistant Professor(EM)	Testing of Transformer Oil and DGA-I CI(EM-3)	Metallic Components failure investigations technique LECT. (EM)	Group Activities	
14-01-2022	Stainless Steel Welding-II Assistant Professor(EM)	Testing of Transformer Oil and DGA-II CI(EM-3)	Welding Defects Assistant Professor(EM)	GROUP DISCUSSION & INTERACTION- 1HR	
15-01-2022	Saturday - Weekly Rest				
16-01-2022	Sunday - Weekly Rest				
SCMS Week-III (17-01-2022 to 21-01-2022) - CI(EM-2)					
17-01-2022	IS Codification of Electrodes Assistant Professor(EM)	Paint Testing-I CI(EM-2)	Testing of liquid discharge from Bio Toilet System CI(EM-3)	GROUP DISCUSSION & INTERACTION- 1HR	
18-01-2022	Welding Defects-II Assistant Professor(EM)	Carraige & Wagon Bogie Basics LECT(C&W)	Ultrasonic Testing CI(EM-2)	GROUP DISCUSSION & INTERACTION- 1HR	

Every 1 hr of lecture is followed by a 5 minute break

19-01-2022	Introduction to Rubber and Metal Bonded rubber Items CI(EM-3)	Brake System LECT(C&W)	Study of Mechanical Engg. Drawing CI (WMT)	Group Activities
20-01-2022	Types of Wagons and their numbering system CI(C&W-2)	IMS in IR-I CI(EM-2)	Basics of Alco Locomotives Lecturer(Diesel)	GROUP DISCUSSION & INTERACTION- 1HR
21-01-2022	HHP Loco Basics Lecturer(Diesel)	Introduction to Composites CI(EM-2)	M&P, Works Programme & Introduction to irpsm CI(WORKS)	GROUP DISCUSSION & INTERACTION- 1HR
22-01-2022	Saturday - Weekly Rest			
23-01-2022	Sunday - Weekly Rest			
SCMS Week-IV (24-01-2022 to 28-01-2022) - CI(EM-2)				
24-01-2022	Railway Vigilance Directorate and Vigilance Manual Assistant Professor(Diesel)	Inspection Procedure & Sampling Assistant Professor(EM)	Calibration & Precision Measurement CI (WMT)	GROUP DISCUSSION & INTERACTION- 1HR
25-01-2022	Class on YOGA VL Subodh Kumar Gupta	Basics of Stores Working LECT. (EM)	Basics of Computers TVP	GROUP DISCUSSION & INTERACTION- 1HR
26-01-2022				GROUP DISCUSSION & INTERACTION- 1HR
27-01-2022	Manual of Office procedures CI(EM-2)	Introduction to E-Office Professor(IT & EnHM)	D&AR CI(EM-3)	Doubt clearance session
28-01-2022	Basics of Pass Rule , Leave Rule CI(EM-3)	MODULE EXAMINATION- 2HR	VALEDICTORY SESSION	Valedictory Session & Feedback-II

Every 1 hr of lecture is followed by a 5 minute break