



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		20-JET-6	Course for Directly recruited Mechanical Trainee JE		
Course Duration		21-12-2020 to 15-01-2021		TimeTable Duration	21-12-2020 to 15-01-2021
No. of Participants		74		Venue	New Computer Examination Lab
Course Director		PMIS		Course Counselor	LECT(DSL)
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	
Course for Directly Recruited Trainee JE Week-1 (21-12-2020 to 31-12-2020) - PDT					
21-12-2020	Registration & Introduction to JET Course LECT(DSL)	Design features of Diesel Engine & Basics of Traction LECT(DSL)	Diesel Operations in Division CI (DSL ELECT)	Doubt clearance session-1	
22-12-2020	Familiarization with HHP Loco and its special features LECT(DSL)	Major Mechanical system of HHP/ GM loco-I (LOS & WCS) LECT(DSL)	Starting circuit & its component in HHP loco CI (DSL ELECT)	Doubt clearance session-2	
23-12-2020	Major Mechanical system of HHP/ GM loco-II LECT(DSL)	IGBT Based transmission & control system of HHP-I LECT(E)	Traction Control Converter(2h) LECT(E)	Doubt clearance session-3	
24-12-2020	Controlled air and Brake systems LECT(E)	Computer Controlled Diesel Locomotives-2h LECT(E)	Rotating machine & Dynamic brake of HHP loco CI(DSL)	Doubt clearance session-4	
25-12-2020	CHRISTMAS DAY				
26-12-2020	Saturday - Weekly Rest				
27-12-2020	Sunday - Weekly Rest				
28-12-2020	Basics of Electric Locomotive and DEMU, GE-Intro LECT(DSL)	Development in Coaching: Design, Construction, Operation & Maintenance CI(C&W-2)	LOCO BOGIE PMECH	Doubt clearance session-5	
Course for Directly Recruited Trainee JE Week-2 (28-12-2020 to 06-01-2021) - PDT					
29-12-2020	Bogie Components of Rolling Stock LECT(C&W)	C&W Maintenance Practice in Open Line CI(C&W-2)	Brake System Components of Rolling Stock LECT(C&W)	Doubt clearance session-1	
30-12-2020	Advances of Bogie and Braking Technology LECT(C&W)	Type-Wagons & coaches, identification, Maintenance & Operations CI(C&W-1)	Infrastructure & Maintenance Practice of C&W SP(DT)	Doubt clearance session-2	
Course for Directly Recruited Trainee JE Week-1 (21-12-2020 to 31-12-2020) - PDT					
31-12-2020	Shell with Furnishing Items of LHB coach PROJ	Electric Advancement of Coaching CI (ELECT)	Mgt. of outage & Tractive effort LECT(DSL)	Doubt clearance session-3	
Course for Directly Recruited Trainee JE Week-2 (28-12-2020 to 06-01-2021) - PDT					
01-01-2021	Working with Mechatronics CI (WMT)	Problems in P-Way leading to accident CI(C&W-2)	Train lighting System in in LHB coaches, EOG & HOG Systems CI (ELECT)	Doubt clearance session-4	
02-01-2021	Saturday - Weekly Rest				
03-01-2021	Sunday - Weekly Rest				
Course for Directly Recruited Trainee JE Week-3 (04-01-2021 to 08-01-2021) - PDT					
04-01-2021	Fluids I-Pneumatic & Hydraulics CI (WMT)	New Developments in ART& ARME PMECH	Welding Quality Improvements AP(EM)	Doubt clearance session-1	
05-01-2021	Introduction to CNC Machines CI (WMT)	PLC& Ladder Diagram CI (WMT)	Pollution & waste management CI(EM-2)	Doubt clearance session-2	

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

Course for Directly Recruited Trainee JE Week-2 (28-12-2020 to 06-01-2021) - PDT				
06-01-2021	Corrosion causes and inhibition CI(EM-3)	Accident Manual, Accident Enquiries & Measurements at accident site PMIS	Role of Crane and Its operation at sites PMIS	Doubt clearance session-3
Course for Directly Recruited Trainee JE Week-3 (04-01-2021 to 08-01-2021) - PDT				
07-01-2021	Testing and Inspection of materials CI(EM-2)	Environmental Governance and regulatory framework PRST	Metallic Components failure investigations technique CI(EM-2)	Doubt clearance session-4
08-01-2021	Incentive Scheme CI (WMT)	Precision Measurement 2h CI (WMT)	Material Procurement & Management, GeM LECT(E)	Doubt clearance session-5
09-01-2021	Saturday - Weekly Rest			
10-01-2021	Sunday - Weekly Rest			
Course for Directly Recruited Trainee JE Week-4 (11-01-2021 to 15-01-2021) - PDT				
11-01-2021	Finance of Indian Railways LECT(DSL)	Tender & Contract PWMT	Bio Toilet 2h CI(EM-3)	Doubt clearance session-1
12-01-2021	Post Acceptance Activity in Tender & Contracts (LOA,Agreement,Progress Report,Bill Passing,Contract CI(LIB)	Introduction to E-Office PMECH	Interfacing with "P" Branch and Working with File CI(EM-3)	Doubt clearance session-2
13-01-2021	Leadership and Ethics SP(WMT)	Manual of Office procedures CI(EM-2)	Rajbhasha Niti CI (DSL ELECT)	Doubt clearance session-3
14-01-2021	Class on YOGA VL	Introduction to RTI, Procedure Filing & Case study CI(EM-3)	MODULE EXAMINATION- 2HR	Doubt clearance session-4
15-01-2021	Works programme & working on IRPSM portal, CI(WORKS)	Fundamental of computer & Basics of MS word TVP	VALEDICTORY SESSION	VALEDICTORY SESSION- 1 HR

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