

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-JET-13	Course for Directly recruited Mechanical Trainee JE		
Course Duration		17-01-2022 to 11-02-2022		TimeTable Duration	17-01-2022 to 11-02-2022
No. of Participants		122		Venue	Lecture Hall No.-9
Course Director		Professor(diesel traction)		Course Counselor	Lecturer(Diesel)
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 (17-01-2022 to 21-01-2022) - Professor(diesel traction)					
17-01-2022	Registration & Introduction to JET Course <b>CI (DSL ELECT)</b>	Design features of Diesel Engine <b>Lecturer(Diesel)</b>	MEP & MCBG (DSAL) <b>CI (DSL ELECT)</b>	Doubt clearance session	
18-01-2022	Familiarization with HHP Loco and its special features <b>Lecturer(Diesel)</b>	Controlled air and Brake systems <b>Lecturer(Electrical)</b>	Starting circuit & its component in HHP loco <b>CI (DSL ELECT)</b>	Doubt clearance session-2	
19-01-2022	Major Mechanical system of HHP/ GM loco-II <b>Lecturer(Diesel)</b>	Introduction to CCB <b>Lecturer(Electrical)</b>	Traction Control Converter(2h) <b>Lecturer(Electrical)</b>	Doubt clearance session-3	
20-01-2022	Major Mechanical system of HHP/ GM loco-I (LOS & WCS) <b>Lecturer(Diesel)</b>	IGBT Based transmission & control system of HHP <b>Lecturer(Electrical)</b>	Rotating machine & Dynamic brake of HHP loco <b>CI(DSL)</b>	Doubt clearance session-4	
21-01-2022	Basic of Electric Locomotive & its special features <b>Assistant Professor(Diesel)</b>	Diesel Operations in Division <b>CI (DSL ELECT)</b>	LOCO BOGIE <b>Professor(IT &amp; EnHM)</b>	Doubt clearance session-5	
22-01-2022	Saturday - Weekly Rest				
23-01-2022	Sunday - Weekly Rest				
Course for Directly Recruited Trainee JE Week-2 (24-01-2022 to 31-01-2022) - Professor(diesel traction)					
24-01-2022	Problems in P-Way leading to accident <b>CI(C&amp;W-2)</b>	Bogie Components of Rolling Stock <b>LECT(C&amp;W)</b>	Brake System Components of Rolling Stock <b>LECT(C&amp;W)</b>	Doubt clearance session	
25-01-2022	Advances of Bogie and Braking Technology <b>LECT(C&amp;W)</b>	Type-Wagons & coaches, identification, Maintenance & Operations <b>CI(C&amp;W-1)</b>	Infrastructure & Maintenance Practice of C&W <b>SP(Trainset)</b>	Doubt clearance session-2	
26-01-2022	Republic Day				
27-01-2022	Development in Coaching: Design, Construction, Operation & Maintenance <b>CI(C&amp;W-2)</b>	Working with Mechatronics <b>CI (WMT)</b>	Electric Advancement of Coaching <b>CI (ELECT)</b>	Doubt clearance session-4	
28-01-2022	Fluids I-Pneumatic & Hydraulics <b>CI (WMT)</b>	Industry 4.0 and its applications in Indian Railways <b>Professor(Trainset)</b>	High speed rail rolling stock technology <b>Professor(Trainset)</b>	Doubt clearance session-5	
29-01-2022	Saturday - Weekly Rest				
30-01-2022	Sunday - Weekly Rest				
31-01-2022	Role of Crane and Its operation at sites <b>CI(C&amp;W-2)</b>	New Developments in ART& ARME <b>Professor(IT &amp; EnHM)</b>	Welding Quality Improvements <b>Assistant Professor(EM)</b>	Doubt clearance session	
Course for Directly Recruited Trainee JE Week-3 (31-01-2022 to 08-02-2022) - Professor(diesel traction)					
01-02-2022	Railway Vigilance <b>Assistant Professor(Diesel)</b>	Introduction to CNC Machines <b>CI (WMT)</b>	Pollution & waste management <b>CI(EM-2)</b>	Doubt clearance session-2	
02-02-2022	Corrosion causes and inhibition <b>CI(EM-3)</b>	Testing and Inspection of materials <b>CI(EM-2)</b>	Metallic Components failure investigations technique <b>LECT. (EM)</b>	Doubt clearance session-3	

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

03-02-2022	Environmental Governance and regulatory framework <b>Professor (Rolling Stock)</b>	Incentive Schemes in Workshops (with case studies) <b>CI (WMT)</b>	Works programme & working on IRPSM portal, <b>CI(WORKS)</b>	Doubt clearance session-4
04-02-2022	Precision Measurement & CTRB <b>CI (WMT)</b>	Material Procurement & Management, GeM <b>Lecturer(Electrical)</b>	Bio Toilet 2h <b>CI(EM-3)</b>	Doubt clearance session-5
05-02-2022	Saturday - Weekly Rest			
06-02-2022	Sunday - Weekly Rest			
<b>Course for Directly Recruited Trainee JE Week-4 (04-02-2022 to 11-02-2022) - Professor(diesel traction)</b>				
07-02-2022	Finance of Indian Railways <b>Lecturer(Diesel)</b>	Ethics <b>Assistant Professor(Diesel)</b>	Introduction to RTI, Procedure Filing & Case study <b>CI(EM-3)</b>	Doubt clearance session
<b>Course for Directly Recruited Trainee JE Week-3 (31-01-2022 to 08-02-2022) - Professor(diesel traction)</b>				
08-02-2022	Personality development & Leadership <b>Dean &amp; SP(RST)</b>	Workshop working and PCO <b>Professor(WMT)</b>	Interfacing with "P" Branch and Working with File <b>CI(EM-3)</b>	Doubt clearance session-2
<b>Course for Directly Recruited Trainee JE Week-4 (04-02-2022 to 11-02-2022) - Professor(diesel traction)</b>				
09-02-2022	Tender & contracts <b>CI(LIB)</b>	Manual of Office procedures <b>CI(EM-2)</b>	Rajbhasha Niti <b>CI (DSL ELECT)</b>	Doubt clearance session-3
10-02-2022	Class on YOGA <b>VL</b>	Preparation For Examination	MODULE EXAMINATION- 2HR	MODULE EXAMINATION- 1HR
11-02-2022	Fundamental of computer & Basics of MS word <b>TVP</b>	VALEDICTORY & FEEDBACK SESSION	VALEDICTORY SESSION	VALEDICTORY SESSION- 1 HR

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