

TRAINING CALENDAR OF SUPERVISORS TRAINING CENTRE, NORTHERN RAILWAY, LUCKNOW

COURSES FOR YEAR: 2025-2026 (April-2025 to March-2026)

A. REGULAR COURSES (Induction & Promotional Course)

Course code	Course Title	Course Coordinator	Duration	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
ASE/AJE	Induction Course for ASE & AJE	NCJ	52 Weeks	07 to 11		02 to 06		04 to 08		06 to 10		01 to 05		02 to 06	
IJE	Promotional Course for IJE	NCJ	52 Weeks		05 to 09			18 to 22			10 to 14			09 to 13	
RJE	Promotional Course for RJE	ADS	13 Weeks	21 to 25		16 to 20		25 to 29		13 to 17		15 to 19		23 to 27	

Note - These are Course Registration dates. The Classes will begin after course registration. Registrations will NOT be done in mid-session or on other dates.

B. REFRESHER COURSES

RCW	Refresher course for SSEs & JEs / C&W and Workshop	ALS	3 Weeks	15 to 03/05	13 to 31	02 to 21	07 to 26	04 to 23	01 to 20	06 to 25	03 to 22	01 to 20	05 to 24	02 to 21	02 to 21
RD	Refresher course for SSEs & JEs / Diesel	ANS	2 Weeks			09 to 21				13 to 25				09 to 21	

C. SPECIAL COURSES

TS	Trainset Maintenance	AM	1 Week		19 to 24		07 to 12		08 to 13		17 to 22		19 to 24		16 to 21
LH-I	LHB Coach Maintenance (I)	AH	1 Week	21 to 26			14 to 19			06 to 11			05 to 10		
LH-II	LHB Coach Maintenance (II)	AK	1 Week		19 to 24			18 to 23			10 to 15			02 to 07	
FM	Freight maintenance and features of newly introduced Wagons	AK	1 Week			16 to 21			15 to 20			15 to 20			09 to 14
WT	Excellence in Welding technology for SSEs and JEs	AD	3 Days		05 to 07			04 to 06			10 to 12			09 to 11	
DM	Disaster Management and Accident Investigation	ADS	3 Days			09 to 11			15 to 17			15 to 17			16 to 18
WE	Way side equipment's(WILD, OMRS, HAHW, IMWB etc.)	AY	3 Days	28 to 30			07 to 09			06 to 08			12 to 14		
NDT	NDT and DT course for Mechanical and C&M Supervisors	VM	4 Days		05 to 08				01 to 04				19 to 22		
EA	Introduction to Electronics, Automation and control system	MS	4 Days			16 to 19				13 to 16				09 to 12	
3DMP	3D Modelling and 3D printing	MK	3 Days				14 to 16						05 to 07		

TRAINING CALENDAR OF WORKSHOP TRAINING CENTRE, NORTHERN RAILWAY, LUCKNOW

COURSES FOR YEAR: 2025-2026 (April-2025 to March-2026)

A. REGULAR COURSES

Course code	Course Title	Course Coordinator	Duration	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Jan-26	Feb-26	Mar-26
BCW	Basic Course in Welding for Beginners	AD	4 Weeks	01 to 26				04 to 30				01 to 27			02 to 28

B. Refresher Courses

RCW	Refresher Course for Welders	AD	3 Weeks		05 to 24	09 to 28	07 to 26		08 to 27	06 to 25	10 to 29		12 to 31	09 to 28	
RCA	Refresher Course for Artisans (common to all)	VS	2 Weeks	07 to 19	05 to 17	02 to 14	07 to 19	04 to 16	08 to 20	06 to 18	03 to 15	01 to 13	05 to 17	02 to 14	02 to 14

C. Special Courses

RKW	RKVY Training for Welders	MS	18 Days	07 to 26	05 to 24	09 to 28	07 to 26	11 to 30	08 to 27	13 to 01	10 to 29	08 to 27	12 to 31	09 to 28	09 to 28
RKE	RKVY Training for Electricians	MS	18 Days	07 to 26	05 to 24	09 to 28	07 to 26	11 to 30	08 to 27	13 to 01	10 to 29	08 to 27	12 to 31	09 to 28	09 to 28
SCW	Special Course on MIG/ MAG Welding & Air Plasma Cutting	AD	1 Week		05 to 10		07 to 12		01 to 06		03 to 08		05 to 10		

Course Contents

Course code	Course title	Target audience	Capacity	Topics covered
ASE/AJE	Induction Course for ASE & AJE	Newly recruited SSE and JE	30	<ul style="list-style-type: none"> As per Revised Training Module for Mechanical Supervisors (February 2020) 
IJE	Promotional Course for IJE	Junior engineer trainees selected through LDCE	30	
RJE	Promotional Course for RJE	Junior engineer trainees promoted on seniority basis.	30	
RCW	Refresher course for SSEs and JEs (Trade C&W/ Workshop)	SSEs and JEs of Mechanical engineering (C&W)	40	<ul style="list-style-type: none"> Policy circulars/ guidelines issued by CAMTECH, RDSO, Railway Board etc. Design developments, Maintenance, Troubleshooting for Rolling Stock and Workshops. Motivation, Stress Management, Personality Development. Safety, Labor laws, Factory Act, Pollution Control laws etc. Field visits to Production Units / Major depots. Material Management, Tenders and Contracts, Technical English, Office Communications etc. Establishment Rules, D&AR, Rajbhasha. Testing of Railway materials, Introductory Electronics, Welding processes, Accident Investigations etc. <p>(16 days theory , 2 days practical training)</p>
RD	Refresher course for SSEs and JEs (Trade Diesel)	SSEs and JEs of Mechanical engineering (Diesel)	25	<ul style="list-style-type: none"> As per approved Revised Module for Refresher Course for JEs/SSEs of Diesel organization, RBE NO.- 03.2025 <p>(11 days theory , 1day practical training)</p>
TS	Trainset Maintenance	SSEs and JEs of Mechanical engineering (C&W, Diesel and Workshop)	20	<ul style="list-style-type: none"> Introduction to Train-Set – Design, Features, Major Sub-systems, Maintenance Instructions. Train-18 bogie and comparison with LHB FIAT bogie. Major components and Maintenance. Brake system maintenance. EP, ED, Blended braking, major components, defects and troubleshooting. TCMS working and troubleshooting. AC-DC-AC power transmission system, Major sub-assemblies / components and Maintenance. Maintenance of Traction motors, Line and Traction Converter, Auxiliary Converter, Main Transformer Maintenance of Door Control, Vacuum Bio-toilets,, Water supply, HVAC, Furnishings, Train Control & Monitoring System etc. Important Infrastructure, Materials, M&P required. <p>(4 days theory class, 2 days practical training)</p>

Course Contents

Course code	Course title	Target audience	Capacity	Topics covered
LH-I	LHB coach maintenance(I)	SSEs and JEs of Mechanical engineering (C&W)	20	<ul style="list-style-type: none"> • Introduction to LHB, Comparison with ICF coaches. • Design Features of FIAT bogie, LHB Shell, Interiors, Materials, Force transmission, Safety Features etc. • Major sub-assemblies and Components, Modifications. • Maintenance Schedules and must change items. • (Depot/Workshop), Activities, Infrastructure • T&P, M&P required, • Material requirement, common defects, identification of defects, Troubleshooting etc. • Maintenance of Air-brake system. • Working and maintenance of the Distributor Valve, Brake Cylinder, ACP, FIBA & WSP System • Demonstration of various component of WSP system • various defect Codes for Fault Diagnosis of WSP system • Maintenance of LHB couplers. • Maintenance and Trouble shootings, investigation of air brake system/component failure cases, • Case studies of failures enroute. • Latest developments and modifications. • Latest circulars and instructions <p style="text-align: center;">(5 days theory and 1 day practical training)</p>
LH-II	LHB coach maintenance(II)	SSEs and JEs of Mechanical engineering (C&W)	20	<ul style="list-style-type: none"> • Maintenance of CCTV, PIS, VESDA, RMPU, WSP, Electronic Destination boards, Automatic plug doors, Bio-vacuum toilets • Maintenance of FSDS and FDSS. • Details and working of mechanized laundries. • Guidelines for inspection of laundry. • Linen holding and train services. • Guidelines for condemnation of Linen. • Details and guidelines for CTS and OBHS services. • Analysis of Feedback formats used in OBHS and take corrective measures for improvement. • Soft skills for OBHS staff. • Verifying Pest & Rodent control chemicals/agents.. • Duties of C&W Supervisor regarding CTS, OBHS, Linen, Pest Control. • Rail Madad & analysis to reduce passengers complaints • Verifying Tender conditions for OBHS, material specifications, other conditions, warranty claims etc. • Smart Coach Features and Utility. <p style="text-align: center;">(5 days theory and 1 day practical training)</p>


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Course code	Course title	Target audience	Capacity	Topics covered
FM	Freight maintenance	SSEs and JEs of Mechanical engineering (C&W)	20	<ul style="list-style-type: none"> • Features and maintenance of latest wagons. Double Stack Dwarf Containers (DSDC) BG Alumina Tank Wagon(BTAPM1) BOXNEL, BOYEL, BOXNRHS etc. • Features and maintenance of latest container wagons (BLC, BLL, BLSS, BLCM, BLCS, BOSM). • Modification in components- EM Pads, CTRB, Doors, ATL, CBC etc. • Maintenance and trouble shooting of Twin pipe brake system of wagons • Maintenance of Long-Haul rakes. • Types of BPC for wagons, covered BPC. • Rejection limits of rubber bonded metal components. • Latest circulars and instructions for wagon maintenance. (5 days Theory class, 1 day practical training)
WT	Excellence in welding technology for SSEs and JEs	SSEs and JEs of Mechanical engineering (C&W, Diesel and Workshop)	15	<ul style="list-style-type: none"> • Introduction to welding process- types and uses new technological developments. • Welding terminology and Welding process used for Rolling Stock manufacture and maintenance. • Heat effect-welding process, machine and electrode selection. • MMAW, CO2, TIG/MIG welding, Oxy-acetylene, LPG and Air Plasma cutting. • Types of welding machines, current and voltage selection and their effects, grounding and other precautions. • welding defects-identification and prevention. • Welding Environment, welding skill for quality weld, rating. • (2 days theory class, 1 day practical training)
DM	Disaster management and accident investigation	SSEs and JEs of Mechanical engineering (C&W, Diesel and Workshop and SSEs working on ART)	20	<ul style="list-style-type: none"> • Introduction to Railway accidents, types, causes, statistics and Disaster Management • ART, SPART, ARME, 140T cranes – Design, Equipment, Maintenance, Operating Procedure, Inspection etc. and Field visit. • Detailed study of accident causes, how to Identify and Establish, Case studies, Accident manual, Track measurements and maintenance practices, • recording of dimensions etc. • Role of Supervisor and Railway Personnel at Accident site • Management of Accident site, Measurements at Accident site and observations, preservation of clues, records, Preliminary Investigation and reporting at accident sites. • Report preparation and further actions (2 days theory class, 1 day practical training)

Course Contents

Course code	Course title	Target audience	Capacity	Topics covered
WE	Way side equipment's (WILD, OMRS, HAHW, IMWB etc.)	SSEs and JEs of Mechanical engineering (C&W)	20	<ul style="list-style-type: none"> • Concept and Working Principles of IMWB, WILD, OMRS, HAHW, WPMS etc. • Utility, Benefits, Status on Indian Railways. • Alerts / Reports generated, JPO/Protocols for action. • Infrastructure requirement, site selection and installation. • Maintenance, Calibration, Troubleshooting. <p>(2 days theory class, 1 day practical training)</p>
NDT	NDT course for Mech. And C&M supervisors	SSEs and JEs of Mechanical engineering and C&M supervisors	20	<p>NDT</p> <ul style="list-style-type: none"> • Introduction to Destructive & Non-Destructive Testing. • Dye penetration test of Rolling stock items. • Zygo testing, Magnetic particle testing of various components of Rolling Stock. • Ultrasonic testing of Axle and other items of Rolling Stock. <p>DT</p> <ul style="list-style-type: none"> • Hardnes Testing procedure • Tensile Testing procedure • Metallography Analysis, Chemical Analysis (Wet& Spectrometer Method) • BDV ,DGA and Acidity Testing of Transfer Oil <p>(2 days theory class, 2 days practical training)</p>
EA	Introduction to Electronics, Automation & Control system	SSEs and JEs of Mechanical engineering (C&W, Diesel and Workshop)	20	<ul style="list-style-type: none"> • Introduction to Mechatronics and its applications – system automation, remote monitoring and analysis. • Introduction to PLC, Embedded Systems, Microprocessor and integrated circuits. • Boolean algebra, Logic gates, Gate design. • Hands on Microprocessor programming. • Practical sessions for circuit building- Electrical and Hydraulic trainers. <p>(3 days theory class, 1 day practical training)</p>
3DMP	3D modelling and 3D printing	Open for all	20	<ul style="list-style-type: none"> • Introduction to 3D Modelling – Modelling tools, co-ordinate system and modelling Operations. • Engineering Drawing & CAD Drawings. • Hands on training on 3D modelling software – Unigraphics NX. • Hands on training on 3D printing software. • Rapid prototyping using 3D modelling and Printing. <p>(3 days duration)</p>

Course Contents

Course code	Course title	Target audience	Capacity	Topics covered
BCW	Basic Course in welding for Beginners	New recruits / Technicians from other trades redeployed as welders	30	<ul style="list-style-type: none"> • Introduction to different welding processes – MMAW/ GMAW/ GTAW. Weld Joint Preparation . • Introduction to different welding positions. Weld defects causes and remedies. • Introduction to Oxy-acetylene gas cutting and Air Plasma cutting. Practical in MMAW. <p>(6 days theory class, 18 days practical training)</p>
RCW	Refresher Course for Welders	Welders who have completed Basic course in welding/ welders of all grades.	10	<ul style="list-style-type: none"> • Principles and techniques of welding (MMAW, GMAW & GTAW). Weld Joint Preparation. • Weld defects causes and remedies. Distortion and its control.. • Use of measuring gauges. • Different positions welding in MMAW / GMAW. • Introduction to ISO 9606 testing standards. <p>(5 days theory class, 13 days practical training)</p>
SCW	Special course on MIG/MAG Welding & Air Plasma Cutting	Welders who have completed Basic Welding course / welders of all grades	10	<ul style="list-style-type: none"> • Introduction to stainless steel welding techniques. Defects causes and remedies. • Distortion control. Practical in MIG/ MAG welding. • Introduction to Air Plasma Cutting and practice on Air Plasma Cutting. • Introduction to ISO 9606 testing standards. <p>(1.5 days theory class, 4.5 days practical training)</p>
RCA	Refresher Course for Artisan (common to all)	Railway Artisans of all trades.	30	<ul style="list-style-type: none"> • Introduction to latest modifications in Rolling Stock/ Bio-Toilets. • Knowledge of EnHM, 5S, ISO 9001, 14001 & 50001, Industrial Safety. • Introduction to PPE's, EOT cranes & Rescue services. <p>(11 days theory class, 1 day practical training)</p>
RKW	RKVY Training for Welders	Shortlisted by RKVY 10 th pass candidates	30	<p style="text-align: center;">As per RKVY course module(Visit website)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">(About 41 Hours Theory & 59 Hours of Practical for Welders) (About 41 Hours Theory & 59 Hours of Practical for Electricians)</p>
RKE	RKVY Training for Electricians	Shortlisted by RKVY 10 th pass candidates	30	

Sr. No	August-2025				
	Course code	Course Title	Duration	Period	Course In charge
1	ASE/AJE	Induction Course For ASE & AJE	52 Weeks	04 To 08	NCJ
2	IJE	Promotional Course for IJE	52 Weeks	18 To 22	NCJ
3	RJE	Promotional Course For RJE	13 Weeks	25 To 29	ADS
4	RCW	Refresher course for SSEs & JEs / C&W and Workshop	3 Weeks	04 To 23	ALS
5	LH-II	LHB Coach Maintenance-II	1 Week	18 To 23	AK
6	WT	Excellence in Welding technology for SSEs and JEs	3 Days	04 To 06	AD
7	BCW	Basic Course in Welding for Beginners	4 Weeks	04 To 30	AD
8	RCA	Refresher Course for Artisans (common to all)	2 Weeks	04 To 16	VS
9	RKW	RKVY Training for Welders	18 Days	11 To 30	MS
10	RKE	RKVY Training for Electricians	18 Days	11 To 30	MS