



Supervisor Training Centre Charbagh, Lucknow

Course:- AJE IInd Session

Time Table



No. of Participants: - 81

Venue: - Conference Hall

Days/Period	I 09:40-10:40	II 10:40-11:40	III 12:00-13:00	IV 14:00-15:00	V 15:00-16:00	VI 16:00-17:00
Monday 13.07.26	AM Role of Workshop	AH Air Suspension	ANS Solid waste Management	MK IRCA Part IV	RCS Process inventory control	ALS/MK Technical Quiz
Tuesday 14.07.26	AY Quality Management System (QMS)	VL Sri Gaurav Mathur (ED/RDSO) Propulsion System-Electric Locomotive		ALS Train-set	Webinar Life Style Diseases & stress management	
Wednesday 15.07.26	ANS Effluent Treatment	Webinar Conduct Rules and Ethical Governance		AY Process inventory control	ALS Wheel & its defects	AM/RCS Group Discussion
Thursday 16.07.26	RCS Industrial Safety	AM Role of Workshop	MK IRCA Part IV	NCJ Function of each department	ADS Workshop Specific Labour laws	AH/ANS Presentation
Friday 17.07.26	NCJ Function of each department	ALS Wheel shelling in LHB coaches	ADS Workshop Specific Labour laws	MK IRCA Part IV	VL Sri Harish Kumar (Prof./IRITM) Basic of P.Way	
Saturday 18.07.26	ADS HOER, Workman Compensation Act	AM Role of Workshop	AH Air Suspension (12:00-13:30)			

TEA BREAK 11:40 – 12:00 hr. (or as informed)

LUNCH 13:00-14:00 hr. (Except Saturday)

(Aravind Maurya)
Course Coordinator

(Naveen C. Jaiswal)
Course Director

FACULTY NAME & CODE

NCJ --- Naveen Chandra Jaiswal

RCS -- Ratnesh Srivastava

ANS --Anurag Singh

MK -- Manish Kumar

AH ---Adnan Husain

AY --- Anuj Yadav

ADS --- Adarsh Soni

AK---- Anurag Kushwaha

ALS --- Alok Kumar Srivastava

AM --- Arvind Maurya

Complete Details of the Subjects

Shri. Alok Srivastava Ch-1 to 3

Shri Anurag Kushwaha Ch - 4 to 5 & 11

Shri Adnan Husain Ch - 6 to 9

Sri Manish Kumar Ch – 10

SUBJECT NAME	C & W THEORY-01
SUBJECT CODE	MCT-01
MODULE	MSE-C, MJR-C, MJ1-C

Sl. No.	Topic	Duration in Hours
1	Design, Repair & Maintenance of Shell: ICF, LHB, MEMU/EMU coaches and all variants like double decker, Tejas, Gatiman, Hamsafar, Dindyalu, Project Swarn & Project Utkrith, Train-sets etc.	18
2	Wheel & its defects, Wheel shelling in LHB coaches	06
3	Axles & bearings of all rolling stocks including MSU	06
4	Air Brake System: Components, BMBC, EP brake, WSP, Pipe joints, Testing of coach brake, Loco capability test, continuity test	32
5	Repair and maintenance of Passenger Amenities and Safety fittings	06
6	Bogie and Suspension system including Air Suspension: Failure & remedial features, Repair and Maintenance, FIBA	12
7	Couplings & Buffers, IRS, CBC, Schaku, Dellnor, BDG: Design, repair and maintenance	18
8	Train Examination -Coaches: Maintenance schedules, Revised RPC-IV, Issue of BPC, CMM, En-route trouble shooting	08
9	Infrastructure requirement for coach maintenance: Pit lay-out, Sick line lay-out, Rake link, M&P Pit occupation chart, automated coach washing plant, warranty claims of coaching items	18
10	IRCA Part IV, Modifications, TSOs, CAIs, Technical Pamphlets	06
11	Latest JPOs in Coaching Stock	02
12	Visit to major coaching depot	06
13	Review	06
Total		144

Shri. Naveen Jaiswal Ch- 1 to 3
 Shri Arvind Maurya Ch - 4 to 8
 Shri Anuj Yadav Ch - 9 to 13
 Shri Ratnesh Srivastava Ch- 14 to 15
 Shri Adarsh Soni Ch - 16 to 17
 Shri Anurag Singh Ch -18 to 19

SUBJECT NAME	WORKSHOP THEORY -01
SUBJECT CODE	MWT-01
MODULE	MSE-W, MJR-W

Sl. No	Topic	Duration in Hours
1	Organizational Set up of Railway from Board to Workshop	02
2	Function of each department in short	02
3	Layout of Workshop with important facilities for each shop function	06
4	Role of Workshop, diff shops & its functions in brief, Attendance monitoring: GA card punching/Digital/Bio metric	12
5	Reporting in Workshops- Targets, Planning, Statistics, Workshop Portal, 100 days failure statistics	02
6	Role of Supervisors in Workshop & their responsibilities	03
7	Material Handling Methods & Equipment	06
8	Machinery & Plant Maintenance	12
9	Jigs, Fixtures & Gauges	12
10	Quality Management System (QMS) & TQM	12
11	ISO & EMS System in Workshop. Introduction to ISO 9001, ISO 14001 & ISO 50001, IMS 14001 & OHSAS 18001, Green-Co Rating, ISO 3834, 5S, Lean six Sigma	06
12	Value Engineering, types of needs and demands	03
13	Production Planning and scheduling	06
14	Process inventory control	06
15	Industrial Safety Requirement & Procedure	06
16	Drawing usage, preparation, Modification & its record maintenance	03
17	Workshop Specific Labour laws, HOER, Workman Compensation Act	02
18	Pollution and its Control Measures in Workshops, Solid Waste Management, Effluent Treatment	03
19	Industry 4.0, CNC Machines	02
20	Revision	02
	Total	108