

2018-19



भारत सरकार-रेल मंत्रालय
Government of India-Ministry of Railway

प्रशिक्षण केलेंडर TRAINING CALENDAR



भारतीय रेल यांत्रिक एवं विद्युत अभियंत्रण संस्थान
जमालपुर-811214

INDIAN RAILWAYS INSTITUTE OF MECHANICAL &
ELECTRICAL ENGINEERING, JAMALPUR-811214

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ABOUT IRIMEE

Indian Railways Institute of Mechanical and Electrical Engineering (IRIMEE) is the oldest CTI of Indian Railways. It was originally set up in 1888 as the Technical School of the Railway Locomotive Workshop, Jamalpur by the East India Railway(EIR).

The first train of EIR, filled to capacity, was flagged off on August 15, 1854, from Howrah to Hooghly, a distance of 24 miles. The railway grew very rapidly to Jamalpur in 1861. Jamalpur was near Munger, a manufacturing town considered in those days to be "Birmingham of the East". Initially Jamalpur was only a steam loco changing station and light repairs to the locomotives were done in the running shed. The original locomotive workshop of EIR was located at Howrah. It was shifted to Jamalpur on 8th February 1862.

The workshop started with around three-and-a-half thousand men and expanded quickly to more than twenty thousand men. A night school was initially started for training apprentices. However, in 1888, EIR established a Technical School at the workshop, where the Trade Apprentices Scheme was started for imparting specialized on the job training in mechanical engineering and steam locomotives.

An Apprentice Mechanics scheme was began at this school in 1905, for Anglo-Indians. On the completion of this five year apprenticeship, the apprentice mechanics were appointed as Assistant Foremen or Assistant Superintendents on the EIR. The scheme was extended in 1911 to cover other Indians.

The first decade of the twentieth century was a period of intense political activity in India when the demands for indianization of Civil Services proliferated. The Royal Commission on the Superior Civil Services in India under the Chairmanship of Lord Lee submitted its report in 1924 recommending the setting up of a Public Service Commission. The first Public Service Commission was set up on October 1, 1926 under the Chairmanship of Sir Ross Barker. This was as the Federal Public Service Commission (1935) and after Independence, accorded Constitutional status as the autonomous entity known as Union Public Service Commission in 1950.

Selections were held for the flagship Special Class Railway Apprenticeship Scheme by the Public Service Commission in 1926 and the first batch of these apprentices joined the Technical School on February 14, 1927. From 1st April 1974, the administrative control of Technical School was transferred from Eastern Railway to the Railway Board. The Technical School was then renamed as Indian Railways Institute of Mechanical and Electrical Engineering (IRIMEE). From 1991, training of IRSME Probationers has been centralized at IRIMEE Jamalpur.

TRAINING FACILITIES

IRIMEE has air-conditioned classrooms equipped with modern teaching aids such as overhead LCD projectors, computers connected to the internet through a LAN. There are model rooms for Carriage & Wagon, Air-brake systems, 140 Tonne Crane, ALCO Locomotives and High horsepower EMD Locomotives. It has an excellent Mechatronics Lab, CNC trainer Machines and a Bio-diesel lab.

IRIMEE has a well-stocked library with about 17,000 books on technical, scientific and management subjects. It also subscribes to over 30 Indian and foreign periodicals and journals. It has a collection on educational CD ROMs and video films. The library has institutional membership of the British Council library, Kolkata.

GUIDELINES FOR CONTROLLING OFFICERS

1. Use the internet-based system the link to which has been already sent to the Chief Mechanical engineers of the Zonal Railways and Pus, to nominate the trainee officer/supervisor.
2. The trainees should be informed well in advance about their nominations to enable them to plan their journey to Jamalpur. The availability of emergency quota at Jamalpur is very limited and last- minute confirmations might be difficult.
3. Please check the official website of IRIMEE three days before the beginning of the course for any information regarding ca/rescheduling of courses.
4. Accommodation for supervisors and officers up to senior scale will be made on twin-sharing basis. Officers in SAG/SG/JAG will be given single rooms, based on availability.
5. It will be difficult to accommodate families at the hostels in IRIMEE. This must be made very clear to the officer/supervisor.
6. Trainee officers should not bring personal staff. No accommodation will be provided to such staff.
7. Trainee officers should be told to bring their laptops as most of the course material is made available in soft copy only. Trainees coming for courses can be returned if they do not bring a laptop.
8. IRIMEE has multiple sports facilities. Trainee officers/supervisors should bring their personal sports equipment for using these facilities.
9. The climate of Jamalpur can be very hot in summers and very cold in winters and wet in the summer monsoons. This should be kept in mind while packing.
10. Trainees will have to make payment for mess charges in cash.
11. Please send vehicle requirements for pick up one day advance to CI(DSL) at 7070897971.

ADVANCE INTIMATION OF NOMINATION

Please send the nominations to IRIMEE using the link to internet-based system for nomination at least two weeks in advance. This is required for planning of accommodation and teaching facilities. Online nomination facilities for courses are now available which can be sent through URL link, already provided to CMEs.

EXAMINATIONS

All trainee officers and supervisors will have to write examinations during or at the end of a course. No leniency will be allowed in this respect.

LEAVE

Leave will normally not be granted during a course.

AWARDS

Toppers of all courses will be felicitated on IRIMEE Annual Day (14th February) subsequent to the completion of the Course.

TRAINING CALENDAR FOR THE YEAR 2018-19

SN	Code	Programme	No. of Participants	Course Director	Start Date	End Date
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COURSES FOR OFFICERS

CENTRALIZED TRAINING FOR IRSME PROBATIONERS (78 WEEKS)

1	PME-1	Training for IRSME Probationers ESE-2015-1	4	SPRST	17-Oct-16	13-Apr-18
2	PME-2	Training for IRSME Probationers ESE-2015-2	5	SPRST	12-Dec-16	8-Jun-18
3	PME-3	Training for IRSME Probationers ESE-2016	34	SPRST	31-Jul-17	25-Jan-19
4	PME-4	Training for IRSME Probationers SCA-2013	9	SPRST	19-Aug-17	15-Feb-19
5	PME-5	Training for IRSME (P) Spl EOL Batch-1	15	SPRST	6-Nov-17	3-May-19
6	PME-3	Training for IRSME Probationers ESE-2017	69	SPRST	30-Jul-18	24-Jan-20
7	PME-4	Training for IRSME Probationers SCA-2014	23	SPRST	27-Aug-18	21-Feb-20
8	PME-5	Training for IRSME (P) Spl EOL Batch-2	24	SPRST	22-Oct-18	17-Apr-20

APPRECIATION COURSE FOR PROBATIONERS FROM OTHER CTIs (01 WEEK)

9		Appreciation Course for other Probationers	30	PRST	09-Apr-18	13-Apr-18
10		Appreciation Course for other Probationers	40	PRST	30-Apr-18	04-May-18
11	PSNT-1	Appreciation Course for IRSSE Probationers	33	PRST	3-Sep-18	7-Sep-18
12	PELEC	Appreciation Course for IRSEE Probationers	45	PRST	10-Sep-18	14-Sep-18
13		Appreciation Course for other Probationers	40	PRST	05-Nov-18	09-Nov-18
14		Appreciation Course for other Probationers	40	PRST	18-Feb-19	22-Feb-19
15		Appreciation Course for other Probationers	40	PRST	25-Feb-19	1-Mar-19

SPECIAL COURSES FOR JS/SS/JAG OFFICERS (01 WEEK)

16	OWSC	Works and Service Contracts for Mech. Deptt.	39	PWMT	7-May-18	11-May-18
17	ODISM	Disaster Management	24	PWMT	14-Jan-19	18-Jan-19
18	OLHB-1	Course on LHB Coach	20	PRST	25-Jun-18	29-Jun-18
19	ODPR-1	Detailed Project Reports	15	SPRST	16-Jul-18	18-Jul-18
20	OAC-Spl-1	Amelioration Course (6 Week)	6	SPWMT	20-Aug-18	28-Sep-18
21	OEnHM	Environment and House Keeping Management	15	PRST	27-Aug-18	31-Aug-18
22	OAC-Spl-2	Amelioration Course (6 Week)	2	SPWMT	3-Sep-18	12-Oct-18
23	OLHB-2	Course on LHB Coach	15	PRST	10-Sep-18	14-Sep-18

INDUCTION PROGRAM FOR GROUP B MECHANICAL OFFICERS (6 WEEKS)

24	18-BIND-1	Group B Induction Program	30	SPWMT	18-Jun-18	27-Jul-18
25	18-BIND-2	Group B Induction Program	30	SPWMT	6-Aug-18	14-Sep-18
26	18-BIND-3	Group B Induction Program	30	SPWMT	10-Dec-18	18-Jan-18
27	18-BIND-4	Group B Induction Program	30	SPWMT	25-Mar-19	3-May-19

TRAINING CALENDAR FOR THE YEAR 2018-19

SN	Code	Programme	No. of Participants	Course Director	Start Date	End Date
MIXED COURSES FOR OFFICERS AND SUPERVISORS						
ENVIRONMENT & HOUSEKEEPING MANAGEMENT COURSES FOR JS/SS/JAG OFFICERS & SUPERVISORS (01 WEEK)						
28	MEnHM-1	Environment and Housekeeping Management	24	PRST	4-Jun-18	8-Jun-18
29	MEnHM-2	Environment and Housekeeping Management	24	PRST	4-Mar-19	8-Mar-19
WORKS AND SERVICE CONTRACTS FOR MECH. DEPTT. COURSE FOR JS/SS/JAG OFFICERS & SUPERVISORS (01 WEEK)						
30	MWSC-1	Works and Service Contracts for Mech. Deptt.	48	PWMT	23-Apr-18	27-Apr-18
31	MWSC-2	Works and Service Contracts for Mech. Deptt.	47	PWMT	3-Sep-18	7-Sep-18
32	MWSC-3	Works and Service Contracts for Mech. Deptt.	46	PWMT	8-Oct-18	12-Oct-18
LHB COURSES FOR JS/SS/JAG & SUPERVISORS (01 WEEK)						
33	MLHB-1	Course on LHB Coach	24	PRST	Cancelled	
34	MLHB-2	Course on LHB Coach	24	PRST	25-Mar-19	29-Mar-19
DIESEL EMU MAINTENANCE TECHNOLOGY COURSES FOR JS/SS/JAG & SUPERVISORS (01 WEEK)						
35	MDEMU-1	Diesel EMU Maintenance Technology	24	PMIS	28-May-18	1-Jun-18
36	MDEMU-2	Diesel EMU Maintenance Technology	24	PMIS	11-Mar-19	15-Mar-19
TRAIN LIGHTING, AC AND EMU COURSES FOR JS/SS/JAG & SUPERVISORS (01 WEEK)						
37	MTLG-1	Course on Train Lighting	24	PMIS	16-Apr-18	20-Apr-18
38	MTLAC-1	Course on Train Lighting, AC and EMU	20+20	PMIS	2-Jul-18	6-Jul-18
39	MTLAC-2	Course on Train Lighting, AC and EMU	15+20	PMIS	6-Aug-18	10-Aug-18
40	MTLAC-3	Course on Train Lighting, AC and EMU	24	PMIS	22-Oct-18	26-Oct-18
COURSE ON HIGH HORSE POWER LOCO FOR JS/SS/JAG & SUPERVISORS (01 WEEK)						
41	MHHP	Course on High Horse Power Loco	24	PMIS	11-Jun-18	15-Jun-18
COURSE ON WELDING TECHNOLOGY AND CORROSION FOR JS/SS/JAG & SUPERVISORS (01 WEEK)						
42	MWTC-1	Welding Technology and corrosion	24	SPRST	18-Jun-18	22-Jun-18
43	MWTC-2	Welding Technology and corrosion	24	SPRST	29-Oct-18	2-Nov-18
COURSE FOR SUPERVISORS						
SPECIAL COURSES FOR SUPERVISORS JES/SSES (01 WEEK)						
44	SLHB-1	Course on LHB Coach	20	AP(C&W)	18-Jun-18	22-Jun-18
45	SWSC	Works and Service Contracts for Mech. Deptt.	56	PWMT	25-Jun-18	29-Jun-18
46	SLHB-2	Course on LHB Coach	46	AP(C&W)	2-Jul-18	6-Jul-18
47	SDEMU	Diesel EMU Maintenance Technology	46	APDT	9-Jul-18	13-Jul-18
48	SWTC-Spl	Welding Technology and corrosion	14	APEM	30-Jul-18	9-Aug-18
49	SLHB-3	Course on LHB Coach	20	AP(C&W)	3-Sep-18	7-Sep-18
50	SWTC	Welding Technology and corrosion	46	APEM	25-Mar-19	29-Mar-19
MANDATORY COURSES FOR DIRECT RECRUITS APPRENTICE/TRAINEE SSES (04 WEEKS)						
51	18-SET-1	Direct Recruit Mechanical Section Engineers	46	PMIS	30-Apr-18	25-May-18
52	18-SET-2	Direct Recruit Mechanical Section Engineers	-	PMIS	19-Nov-18	14-Dec-18
CMT SUPERVISOR'S COURSES						
53	SCMS	Chemist and Metallurgists for Sr. Supervisors(4 W)	35	APEM	2-Apr-18	27-Apr-18
54	SCMA-1	Direct Recruit CMA Supervisors Courses (10 W)	35	APEM	25-Jun-18	31-Aug-18
55	SCMA-2	Direct Recruit CMA Supervisors Courses (10 W)	35	APEM	26-Nov-18	1-Feb-19

ALLOTMENT OF SEATS FOR DIFFERENT COURSES (RAILWAY/DIVISION/PU WISE) IS AVAILABLE AT PAGE 8

BRIEF DETAILS ON COURSES AT IRIMEE

Appreciation Course for Probationers from other CTIs

Probationers of other Railway services are trained for one week in various aspects of working of Mechanical Department. They are made aware of the synergy between their departments and the Mechanical Department in the Railways.

Eligibility: Probationers of all Railway services except IRSME

Group B Induction Programme for Mechanical Engineers

Group B officers come from the supervisory cadre where their exposure is limited. As officers they need to have cross-functional knowledge across various fields of working in Mechanical Department. This course prepares the officers from any background to take on responsibilities in Manufacturing, Open line and Diesels. They also do a project and go for a field visit.

Eligibility: Group B officers of Mechanical Department.

Course on LHB

Railway Board has already taken decision to stop production of ICF and to manufacture only LHB coaches. So, LHB coaches will be proliferated to every coaching depot. This course is designed to familiarize participants with the salient features pertaining to designed and maintenance of LHB coaches.

Eligibility: Officers up to JAG of Mechanical Department including supervisors.

Diesel EMU Maintenance Technology

Power Electronics devices are being widely used in today's locomotives, DEMU's & EMUs. This course equips the trainees with basic knowledge of the types and functioning of power electronics devices and their important control systems.

Eligibility: Officers up to JAG of Mechanical Department including supervisors.

Course on HHP Loco

Over the last decade major changes have come in the field of Diesel. Traction technology in Indian Railways. This course builds upon basic knowledge of diesel locomotives, HHP maintenance, to update their knowledge with topics specific to HHP Locos.

Eligibility: Officers up to JAG of Mechanical Department including supervisors.

Welding Technology and Corrosion

Rolling stock of Indian Railways are being manufactured using welding. At the same time corrosion repairs have become an important activity in Railway workshop. This course imparts knowledge to the trainees on welding methods including the more modern processes like stainless steel welding and MIG welding. It also trains the trainees in identifying the different kinds of corrosion, their reasons and preventive strategies.

Eligibility: Officers up to JAG of Mechanical Department including supervisors.

Works and Service Contracts of Mech. Deptt.

Mechanical Department is engaged in getting a large amount of work done through tenders and contracts. Successful tendering and proper contract management requires a special set of skills. This course imparts working knowledge of these skills. The course is participative in nature where trainees are encouraged to share their field experience, apprehensions and problems, some of which are solved in the class.

Eligibility: Officers up to JAG of Mechanical Department including supervisors.

Disaster Management

Mechanical Department is responsible for rescue and recovery on the site during railway accidents

BRIEF DETAILS ON COURSES AT IRIMEE

and disasters. This course imparts knowledge to the trainees on the roles and responsibilities of Mechanical Department in the case of disasters as well as shares some practical experiences of senior officers who have successfully handled such incidences.

Eligibility : Officers up to JAG of Mechanical department

Legal matters in Mechanical Department

Trainees are exposed to laws related to workshops such as Factories Act, Workmen's Compensation Act, Payment of Wages Act etc. Now a days, legal aspects related to Contract Management have become important for the Department. At the same time newer laws like Pollution Control Act are required to be followed. This course imparts knowledge to trainees on the provisions and working of some of these laws.

Eligibility : Officers up to JAG of Mechanical Department

Train lighting & Air Conditioning

This new course is started to give training on various Training Lighting aspects e.g. generating like self, EOG, HOG and MOG and distribution system used in rolling stock technology. Through practical knowledge of pulley V-belt etc, trainees learn about the doable schedule maintenance. Trainees are also given brief overview of EMU/MEMU.

Eligibility: Officers up to JAG of Mechanical Department including supervisors.

Environment & Housekeeping Management

This course focuses on solid waste management and pollution control. It discusses the applicability of various laws related to environment & pollution control to Indian Railways.

Eligibility: Officers up to JAG of Mechanical department including supervisors.

Mandatory Course for Direct Recruit mechanical Section Engineers

Directly Recruited Section engineers are trained during this course on the wider aspects of working of the mechanical Department in Indian Railways.

Eligibility: Directly recruited supervisors under initial training of Mechanical Department.

Course for Senior Supervisors (CMS) of M&C cadre

This is a mandatory course for Chemical and Metallurgical Supervisors (CMS). They are trained on the various aspects of working like rubbers and polymers, metallurgy, testing, biodiesels etc.

Eligibility: Chemical and Metallurgical Supervisors

Mandatory course for Direct Recruit CMA Supervisors

Directly Recruited Chemical & Metallurgical Assistant (CMAs) are trained during this course on the wider aspects of working of their Department in Indian Railways. They are trained on rubbers and polymers, metallurgy, testing, biodiesels etc. Course includes mandatory field visits. Now the duration of this course has been reduced to 10 weeks instead of 13 weeks.

Eligibility: Directly Recruited CMAs during their initial training

Special course for Supervisors

One week courses on HHP locomotives, DEMU, LHB coach, Welding technology and works and service contracts are also scheduled for trainee supervisors, course material will be same as MHHP, MDEMU, MLHB, MWTC & MWSC.

Eligibility: SSEs.

ALLOTMENT OF SEATS FOR DIFFERENT COURSES (RAILWAY/DIVISIONS/PU WISE)

Course Name	Group B Officers			Induction Course			Course for CMAs		Direct recruited SSts Course		Course for Officers and Supervisors for Works and Service Contracts			Course for Supervisors for Works and Service Contracts			Other Courses					
	Course Code	Period of Course	Seats	Course for CMAs	Direct recruited SSts Course	MWSC-1	MWSC-2	MWSC-3	OWSC	SWSC	Course Code prefixed by letter 'O' and 'M'	Course Code prefixed by letter 'M' and 'S'										
NR		18.06.18 to 27.07.18	1	1	1	1	1	1	1	2	9	19.11.18 to 14.12.18	DLI	LKO	MDB,LKO	HQ	HQ	UMB, FZR, MDB	UMB, FZR			
WR		06.08.18 to 14.09.18	2	3	2	2	4	4	3	3	0	30.04.18 to 25.05.18	BCT	RJT,BRC	BHAVNAGAR	HQ	HQ	RTM,ADI,BHAVNAGAR	RTM, ADI			
CR		10.12.18 to 18.01.19	2	2	2	2	3	3	0	0	0	26.11.18 to 01.02.19	MUM	SOLAPUR	NGP(CR)	HQ	HQ,SOLAPUR	BSL,PUNE,NGP(CR)	BSL,PUNE			
SWR		06.08.18 to 14.09.18	1	1	1	1	4	4	2	0	0	03.09.18 to 07.09.18	UBL	ADA	RNC	HQ	HQ	SBC, MYS	SBC, MYS			
SER		18.06.18 to 27.07.18	0	0	0	0	4	2	0	0	0	0	ADA	RNC	RNC	HQ	HQ	KGP, CKP	KGP, CKP			
SECR		18.06.18 to 27.07.18	0	0	0	2	2	0	0	0	0	0	BSP		NGP(SECR)	HQ	HQ	R, NGP(SECR)	R			
ECR		06.08.18 to 14.09.18	1	1	1	1	0	2	2	0	2	0	DNR	SPJ	MGS,SEE	HQ	HQ,SPJ	DHN,MGS,SEE	DHN			
NCR		10.12.18 to 18.01.19	1	1	1	0	0	7	0	0	7	0	ALD		JHS	HQ	HQ	AGC,JHS	AGC			
WCR		06.08.18 to 14.09.18	1	1	1	0	0	0	0	0	0	0	JBP	JBP		HQ	HQ	BPL,KTT	BPL,KTT			
ECoR		10.12.18 to 18.01.19	0	1	0	0	0	0	0	0	0	0	KUR	KUR	VSKP	HQ	HQ	SBP,VSKP	SBP			
NWR		18.06.18 to 27.07.18	1	2	1	2	2	4	6	0	6	0	JP	JU		HQ	HQ, JU	AII,BIKANER	AII,BIKANER			
NFR		06.08.18 to 14.09.18	1	1	1	1	0	0	2	0	2	0	APJD	LMG	TSK,LMG	HQ	HQ	KIR,RNY,TSK	KIR,RNY			
ER		10.12.18 to 18.01.19	3	3	3	2	1	0	0	0	0	0	HWH	MLDT	MLDT	HQ	HQ	SDAH,ASN	SDAH,ASN			
NER		18.06.18 to 27.07.18	1	1	1	1	0	0	7	0	7	0	IZN	IZN		HQ	HQ	LJN,BSB	LJN,BSB			
SCR		06.08.18 to 14.09.18	2	1	1	1	4	2	0	0	0	0	SC	SC	GTL,NED	HQ	HQ,NED	HYD,VZA,GUNTUR	HYD,VZA			
SR		18.06.18 to 27.07.18	1	0	1	0	2	2	0	0	0	0	MAS	MAS	PGT,TVC	HQ	HQ,TVC	TPJ,MDU,SA	TPJ,MDU			
CLW		18.06.18 to 27.07.18	1	1	1	1	2	2	0	0	0	0										
DLW		18.06.18 to 27.07.18	0	0	0	0	0	0	0	0	0	0										
DMW		18.06.18 to 27.07.18	2	2	3	3	0	1	0	0	0	0										
RCF		18.06.18 to 27.07.18	2	2	3	3	2	2	3	0	0	0										
MCF		18.06.18 to 27.07.18	1	0	0	0	1	1	5	0	0	0										
ICF		18.06.18 to 27.07.18	5	4	5	4	0	0	0	0	0	0										
RWF		18.06.18 to 27.07.18	1	1	1	1	3	0	0	0	0	0										
RWP		18.06.18 to 27.07.18	0	1	0	1	0	0	0	0	0	0										
Total			30	30	30	30	35	35	46				16	32	13	34	16	30	39	56		

For MWSC, OWSC & SWSC COURSES: * One Officer from each Division and Zonal HQ * One Technical Supervisor and One Dealing Staff from each Division
 * One Technical Supervisor from each Zonal HQ