

Multi-Disciplinary Divisional Training Institute

NCR Kanpur



AN INTRODUCTION

With the commencement of Electrification in DDU-Delhi section, a need for providing training to Electric traction staff especially Electric Loco Pilots was felt. Consequently, **Northern Railway Centralized Electric Training Centre** was originally started at Subedarganj near Prayagraj in year 1965. On completion of Electrification of PRYJ-CNB section, the training Centre was shifted from Subedarganj to Kanpur on 18th Oct. 1968.

This training Centre started its journey with two class rooms and one 40 Beds Hostel. With the advancement in technology and the operational needs, the training Centre kept on expanding its activities. Number of classrooms increased from 2 to 15, hostel from 1 to 6 & capacity from 40 beds to 292 beds and number of staff trained enhanced from 141 in the year 1966, to 5990 trainees in 2024-25. After the formation of North Central Railway on 1st April 2003, Electric Training Centre's control shifted from **Northern Railway** to **North Central Railway** under Prayagraj division.

Electric Training Centre introduced with its new name Multi-disciplinary Divisional Training Institute (MDDTI) as per R.B. letter no. E(MPP)2016/3/20 dtd:-24.02.2018 & DRM(P) letter no. E.MISC/Trg/MPP/MDDTI/18.

MDDTI/CNB is a premier training institute of NC Rly which is spread over 11 Acre. It caters the training need of all discipline of electric department. An average 5500 trainees are being trained every year.

COURSES OFFERED

MDDTI, Kanpur offers various types of courses for Electric Traction to Class III & IV staff of Electrical Department to meet the training requirements of Indian Railways. Various courses like Induction Course for fresh Asst. Loco Pilots recruited through RRB, Promotional / Refresher Courses for Asst. Loco Pilots, LPS and Loco Pilots of different categories at regular interval is run by MDDTI, Kanpur to keep them up to date. Special Courses for training in new types of locomotives, like WAG-12, Vande Bharat, KAVACH, Simulators e.g. state - of - the - art locomotives are conducted here. Trainees (Loco Pilots/ Asstt. Loco Pilots) are made conversant in Carriage & Wagon defects, Braking system and Traffic Rules. They are imparted training on Electric locomotive simulator, loco trouble shooting car and various other models of Electric locomotives apart from line training under supervision of instructors.

Similarly, maintenance staff of RS & TRD and TL/AC cadre also get training of Induction / Promotional / Refresher Courses at regular intervals.

MDDTI/CNB also imparts training on Simulator and ABB loco (3-phase technology loco) for other zones of Indian Railways regularly.

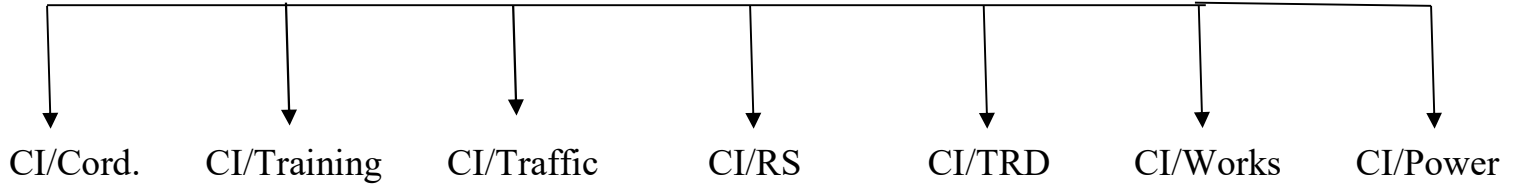
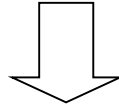
Our motto:

*To make a difference in the working of staff by better Classroom
and practical training with awareness on safety and quality*

Organization Chart of MDDTI/CNB

Sri Abhishek Singh, IRSEE

Principal/MDDTI/CNB



INFRASTRUCTURE FACILITIES

HOSTEL

A well-furnished accommodation for about 292 trainees in six hostels gives comforts to the trainees during their stay at MDDTI, Kanpur. Out of six there is one hostel is only for female trainees.

MESS

A mess with good amenities, being run on contractual basis takes care of the messing requirements of the trainees. It has one dining hall of capacity for 100 trainees at a time. Therefore, trainees take their food in staggered manner.

RECREATIONAL ACTIVITIES

*During the leisure hours, trainees enjoy a good **recreation facilities** like **TV room, reading room, sports room** having table-tennis, chess & carom apart from badminton, volley ball & cricket playground. An open & indoor gymnasium equipped with latest equipment like trade mill, foot massager etc. are available. For the overall development of trainees **Meditation & Yoga** classes run every day through “**ART OF LIVING**”. There are 4 beautiful gardens in the campus to refresh the trainees during their stay at MDDTI.*

TRAINING FACILITIES

1-Simulators -

a-3 Phase loco Simulator

2-Trip cars -

a-WAG-5 based trip car

b-WAG-7 based trip car

c- WAG-7 based (Microprocessor) trip car

d- WAG-9 trip car

3-Model of Carriage and wagon-

a-BMBC Bogie (Coaching Stock)

b-ICF Bogie (Coaching Stock)

c-CASNUB Bogie (Goods Stock) LHB Bogie

d-Working model of H&H Coupler

e-Working model of E&H Coupler

4-Traffic Model Room

5-TRD Model Room & ground model

Training Calendar: 2026-27 MDDTI/Kanpur
(Ref: -RBE No.-107/2024, dt-19.11.2024)

Loco Operation:

Course	Category	Duration				Remark
		No. of Working Days	Batch No.	Commencing From	Completing On	
INDUCTION COURSE :						
AIM	Initial course for Asstt. Loco Pilot	122 (Electric)	Can be arranged as & when required with a prior notice of one month			

PROMOTIONAL COURSE:						
GPM	Electric Assistant Loco Pilots/Shunter to Electric Loco Pilot Goods	66	1	01.04.26	19.06.26	01 Batch
			2	03.06.26	20.08.25	01 Batch
			3	28.07.26	16.10.26	01 Batch
			4	21.08.26	10.11.26	01 Batch
			5	17.10.26	05.01.27	01 Batch
			6	30.12.26	18.03.27	01 Batch
			7	18.01.27	08.04.27	01 Batch
			8	25.01.27	15.04.27	01 Batch
			9	19.03.27	07.06.27	01 Batch
			NOTE:-Maximum trainees allotted in each Batch (PRYJ -35, JHS-25, AGC-20- With Hostel Facility, CNB-20,JUHI-06-Without Hostel)			
CPPM (PE-4+MEMU Ini)	Electric Loco Pilot Goods to Electric Loco Pilot Pass. With MEMU	48	1	01.04.26	29.05.26	01 Batch
			2	01.06.26	27.07.26	01 Batch
			3	22.07.26	18.09.26	01 Batch
			4	19.09.26	16.11.26	01 Batch
			5	06.01.27	03.03.27	01 Batch
			Note: -Maximum trainees allotted in each Batch (PRYJ -36, JHS-18, AGC-14 With Hostel Facility, CNB 10-Without Hostel)			

CONVERSION COURSE:

Course	Category	Duration at MDDTI				Remark
		No. of Working Days	Batch No.	Commencing From	Completing On	
PCEM	Conversion Course for DSL Loco Pilot to Elect Loco Pilot	30	1	01.04.26	07.05.26	01 Batch
			2	01.06.26	06.07.26	01 Batch

Note- CE2/PCEM - Maximum trainees allotted in each Batch (**PRYJ-00, JHS-5, AGC-18**)

ACEM	Conversion Course for DSL ALP to Elect ALP	24	1	01.04.26	24 days	01 Batch
			2	01.06.26	24 days	01 Batch

Note - CE3/ACEM - Maximum trainees allotted in each Batch (**PRYJ- 00, JHS-05, AGC-00**)

REFRESHER COURSE: - MRM

Course	Category	Duration at MDDTI				Remark	No. of trainees division wise		
		No. of Working Days	Batch No.	Commencing From	Completing On		PRYJ	JHS	AGC
MEMU (Ref.)/ MRM	Refresher course for MEMU/ EMU for Pilots Only	18	1	12.05.26	02.06.25	01 Batch	25 + 08 CNB	15	43
			2	22.06.26	13.07.26	01 Batch	25 + 08 CNB	15	43
			3	18.11.26	09.12.26	01 Batch	15 + 05 CNB	10	33
			4	20.01.27	10.02.27	01 Batch	15 + 05 CNB	05	10

Note- CNB HQ -Without Hostel)

REFRESHER COURSE:			Duration at MDDTI			No. of trainees division wise		
Course	Category	Working Days	Batch No	Commencing From	Completing On	PRYJ	JHS	AGC
PRM	Refresher Course for Electric Loco Pilots & Electric Shunting Loco Pilots	18+2=20	1	1-Apr-26	24-Apr-26	31+CNB-10	20+JUHI-03	08
			2	27-Apr-26	20-May-26	31+CNB-10	20+JUHI-03	08
			3	21-May-26	13-Jun-26	31+CNB-10	20+JUHI-03	08
			4	15-Jun-26	8-Jul-26	31+CNB-10	20+JUHI-03	08
			5	8-Jul-26	30-Jul-26	31+CNB-10	20+JUHI-03	08
			6	31-Jul-26	24-Aug-26	31+CNB-10	20+JUHI-03	08
			7	25-Aug-26	18-Sep-26	31+CNB-10	20+JUHI-03	08
			8	21-Sep-26	14-Oct-26	31+CNB-10	20+JUHI-03	08
			09	7-Oct-26	30-Oct-26	15+CNB-04	12+JUHI-01	04
			10	15-Oct-26	7-Nov-26	31+CNB-10	20+JUHI-03	08
			11	31-Oct-26	23-Nov-26	15+CNB-04	12+JUHI-01	04
			12	9-Nov-26	2-Dec-26	31+CNB-10	20+JUHI-03	08
			13	11-Nov-26	4-Dec-26	17+CNB-03	10+JUHI-02	08
			14	24-Nov-26	16-Dec-26	15+CNB-04	12+JUHI-01	04
			15	1-Dec-26	23-Dec-26	15+CNB-04	12+JUHI-01	04
			16	3-Dec-26	26-Dec-26	31+CNB-10	20+JUHI-03	08
			17	5-Dec-26	29-Dec-26	17+CNB-03	10+JUHI-02	08
			18	17-Dec-26	9-Jan-27	15+CNB-04	12+JUHI-01	04
			19	24-Dec-26	16-Jan-27	15+CNB-04	12+JUHI-01	04
			20	28-Dec-26	19-Jan-27	31+CNB-10	20+JUHI-03	08
			21	4-Mar-27	30-Mar-27	31+CNB-10	20+JUHI-03	08

Note- CNB & JUHI without Hostel Facility

REFRESHER COURSE:			Duration at MDDTI			No. of trainees Division wise		
Course	Category	Working Days	Batch No	Commencing From	Completing On	PRYJ	JHS	AGC
ARM	Refresher Course for Electric Assistant Loco Pilots	18+2=20	1	1-Apr-26	24-Apr-26	30+CNB-10	30+JUHI-02	11
			2	27-Apr-26	20-May-26	30+CNB-10	30+JUHI-02	11
			3	21-May-26	13-Jun-26	30+CNB-10	30+JUHI-02	11
			4	15-Jun-26	8-Jul-26	30+CNB-10	30+JUHI-02	11
			5	8-Jul-26	30-Jul-26	30+CNB-10	30+JUHI-02	11
			6	31-Jul-26	24-Aug-26	30+CNB-10	30+JUHI-02	11
			7	25-Aug-26	18-Sep-26	30+CNB-10	30+JUHI-02	11
			8	21-Sep-26	14-Oct-26	30+CNB-10	30+JUHI-02	11
			09	7-Oct-26	30-Oct-26	15+CNB-04	14+JUHI-02	05
			10	15-Oct-26	7-Nov-26	30+CNB-10	30+JUHI-02	11
			11	31-Oct-26	23-Nov-26	15+CNB-04	14+JUHI-02	05
			12	9-Nov-26	2-Dec-26	30+CNB-10	30+JUHI-02	11
			13	11-Nov-26	4-Dec-26	20+CNB-05	20+JUHI-04	05
			14	24-Nov-26	16-Dec-26	15+CNB-04	14+JUHI-02	05
			15	1-Dec-26	23-Dec-26	15+CNB-04	14+JUHI-02	05
			16	3-Dec-26	26-Dec-26	30+CNB-10	30+JUHI-02	11
			17	5-Dec-26	29-Dec-26	20+CNB-05	20+JUHI-04	05
			18	17-Dec-26	9-Jan-27	15+CNB-04	14+JUHI-02	05
			19	24-Dec-26	16-Jan-27	15+CNB-04	14+JUHI-02	05
			20	28-Dec-26	19-Jan-27	30+CNB-10	30+JUHI-02	11
			21	4-Mar-27	30-Mar-27	30+CNB-10	30+JUHI-02	11

Note- CNB & JUHI without Hostel Facility

TRD Maintenance

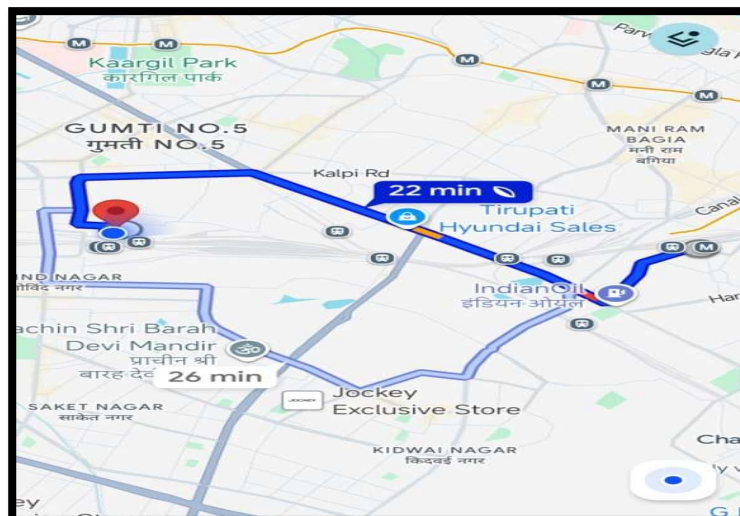
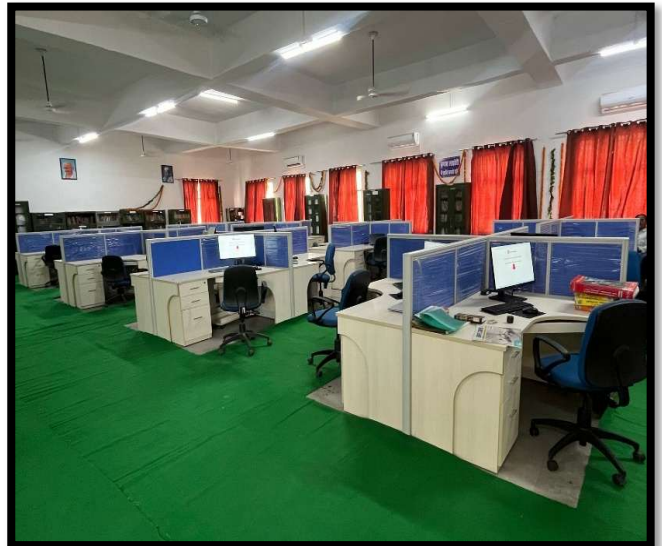
Course	Category	Duration			
		No. of Working Days	Commencing From		Completing On
INDUCTION COURSE:					
Elect. -	Initial course for JE/SSE	52 week (26-week IRIEEN +19 week Field +07 week MDDTI)	Can be arranged as & when required with a prior notice of one month.		
Elect.- 01	Initial course for group “D”	2 Weeks	Can be arranged as & when required with a prior notice of one month.		
Elect.- 05	Initial Course for App. Tech. TRD (ITI)	26 Weeks	Can be arranged as & when required with a prior notice of one month.		
Elect.- 06	Initial Course for App. Tech. TRD (Non ITI)	104 Weeks	Can be arranged as & when required with a prior notice of one month.		
PROMOTIONAL COURSE :					
Elect.- 03(TQ)/PQ	Promotional Course from Unskilled to Skilled Artisan (Tech.TRD)	26 weeks/03 weeks	Can be arranged as & when required with a prior notice of one month. No. Of trainees/Batch=20 nos.		
Elect.- 09	Promotional Course Tech-I to JE/TRD	13 weeks	Can be arranged as & when required with a prior notice of one month. No. Of trainees/Batch=20 nos.		
REFRESHER COURSE :					
Elect.-07	Refresher Course for Tech./TRD (Once in 05 years)	2 Weeks No. Of trainees/Batch=15 nos. Housed / Batch =12 Unhoused / Batch=03)	1	01.04.2026	15.04.2026
			2	27.04.2026	11.05.2026
			3	01.06.2026	13.06.2026
			4	22.06.2026	06.07.2026
			5	07.07.2026	20.07.2026
			6	21.07.2026	03.08.2026
			7	29.08.2026	12.09.2026
			8	11.01.2027	21.01.2027
			9	25.01.2027	08.02.2027
			10	11.02.2027	24.02.2027
Elect.-10	Refresher Course for Tower Wagon Driver, operation & maintenance (Once in 03 years)	1 Week No. Of trainees/Batch=10 nos. Housed / Batch =09 Unhoused / Batch=01	1	22.06.2026	29.06.2026
			2	07.07.2026	13.07.2026
			3	04.08.2026	10.08.2026
			4	20.01.2027	27.01.2027
Elect.-02	Disaster Management	1 Week No. of trainees/ Batch=15 nos. Housed / Batch =13 Unhoused / Batch=02)	1	29.06.2026	04.07.2026
			2	06.07.2026	11.07.2026
			3	21.08.2026	28.08.2026
			4	14.09.2026	19.09.2026
			5	26.09.2026	03.10.2026
			6	11.01.2027	16.01.2027

Electrical General

Course	Category	Duration				
		No Working Day	Batch No.	Commencing From	Completing on	Remark
INDUCTION COURSE:						
Elect.Gen.13	Initial Training for App. Tech. Elect. (ITI)	26 Weeks	—	Can be arrange as & when required with a prior notice of one month		
Elect.Gen.15	Initial Training for App. Tech TL/AC/ITI	26 Weeks	—	Can be arrange as & when required with a prior notice of one month		
Elect.Gen.14	Initial Training for App. Tech. Elect. (Non ITI)	156 Weeks	—	Can be arrange as & when required with a prior notice of one month		
Elect.Gen.16	Initial Training for App. Tech. TL/AC (Non-ITI)	156 Weeks	—	Can be arrange as & when required with a prior notice of one month		
Induction Course	JE/SSE (Electrical)	52 Weeks	1	Can be arrange as & when required with a prior notice of one month		According IRIEEN
			2			
REFRESHER COURSE:						
Elect.Gen.17	Refresher Course for Tech./ Elect.	12 Working days	1	12.08.2026	27.08.2026	30 trainees per batch
			2	21.09.2026	05.10.2026	
			3	11.01.2027	23.01.2027	
Elect.Gen.18	Refresher Course for Tech.TL/AC	12 Working days	1	23.07.2026	05.08.2026	30 trainees per batch
			2	07.09.2026	19.09.2026	
PROMOTIONAL COURSE:						
Elect.Gen.11	Promotional course for unskilled to skilled Tech./Elect.	18 Working days	—	04.02.2027	24.02.2027	30 trainees per batch
Elect.Gen.12	Pro. course for TL/AC Tech.	18 Working days	—	11.02.2027	03.03.2027	30 trainees per batch
Elect.Gen.19	Promotional course for Gr. I Artisan to Supvr. (Elect.)	18 Working days	—	16.04.2026	07.05.2026	30 trainees per batch
Elect.Gen.20	Pro. course for Gr. I Artisan to Supvr. (TL/AC.)	18 Working days	—	25.02.27	18.03.27	30 trainees per batch

Loco Maintenance

Course	Category	Duration				
		No Working Day	Batch No.	Commencing From	Completing on	Remark
INDUCTION COURSE:						
Elect.-22	Initial Training for App. Tech. Elect. Loco(ITI)	26 Weeks	—	Can be arrange as & when required with a prior notice of one month		
Elect.-23	Initial Training for App. Tech. Elect. Loco (Non-ITI)	104 Weeks	—	Can be arrange as & when required with a prior notice of one month		
Induction Course	JE/SSE (Electrical)	52 Weeks	1	Can be arrange as & when required with a prior notice of one month		According IRIEEN
			2			
REFRESHER COURSE:						
Elect.-24	Refresher Course for technician Electric Loco	12 Working days	1	06.04.2026	18.04.2026	20 trainees per batch
			2	27.04.2026	11.05.2026	
			3	15.06.2026	29.06.2026	
			4	15.07.2026	28.07.2026	
			5	12.08.2026	27.08.2026	
			6	05.10.2026	17.10.2026	
			7	09.12.2026	21.12.2026	
			8	11.01.2027	23.01.2027	
			9	11.02.2027	24.02.2027	
			10	12.03.2027	27.03.2027	
PROMOTIONAL COURSE:						
Elect.-21	Promotional course unskilled to skilled	3 Weeks	—	Can be arrange as & when required With a prior notice of one month		
Elect.-25	Promotional course for tech. to Supervisor	13 Weeks	—	13.04.2026	31.05.2026	05- trainees
				Can be arrange as & when required With a prior notice of one month		



How to reach MDDTI campus

Our Vision

Our vision is to be a center of learning and innovation that nurtures skilled, safety-conscious, and future-ready railway professionals. We aspire to advance Knowledge & Skills training in railway operations, engineering, technology, and management to meet evolving future needs. Promote Safety & Sustainability. Instill a culture of safety, efficiency, and environmental responsibility in every aspect of railway service. Foster Innovation & Research. Encourage continuous learning, research, and adoption of modern technologies to transform railway systems. Prepare professionals who can contribute to national railway excellence. Build Human Capital Empower individuals with leadership, integrity, and adaptability to drive the railway operation into the future. MDDTI envisions becoming a premier institute for railway education and innovation, shaping professionals.
