Integral Coach Factory

(A Production Unit under Ministry of Railways)

Chennai - 600 038

Training Calendar 2026-27



Technical Training Centre

Integral Coach Factory

Chennai – 600038

TECHNICAL TRAINING CENTRE
Training Calendar: 2026-27

General Information	
Name of the Principal	**K. THIAGAN**
Phone No./CUG No.	044-26147612
Email id	ptcttc2015@gmail.com
Working Hours	Monday to Friday: 08.00 to 12.00 Hrs. & 12.30 to 17.00 Hrs. Saturday: 08.00 to 13.00 Hrs.
Hostel facility	ICF Subordinate Rest house for out-station Supervisors & Apprentice Hostel for outstation Artisan Trainees

Important Contact Numbers			
Admin	**Name & Designation**	**Rly. Phone**	**Mobile Number**
General	**N. Ravikumar/SSE GL** **V.Swaminathan/SSE GL**	**47671**	9003149310
Office	K. Vijaya Kumar,Ch. OS	**47672**	9003149889
Hostel	D.Balaguruvaiah/SSE HOSTEL	**47756/47757**	8056050209

List of Holidays for the year 2026-27			
Date	**Festival**	**Date**	**Festival**
14.04.2026	Tamil New year Day / Dr. Ambedkar birthday	25.12.2026	Christmas
01.05.2026	May Day	28.12.2026 to 31.12.2026	Factory Holidays
27.05.2026	Bakrid	01.01.2027	New Year
15.08.2026	Independence Day	15.01.2027	Pongal
14.09.2026	Vinayakar Chathurthi	26.01.2027	Republic Day
02.10.2026	Gandhi Jayanthi	10.03.2027	Ramzan
09.11.2026	Deepavali/Govardhana pooja	*********	**********

About Training Centre

- **A school of excellence in skill development, attached with Basic Training Workshop, was inaugurated on 20th March 1954**
- **TTC has been conducting various training programs to impart necessary technical knowledge and expertise to ICF and other Railway employees.**
- **The courses include**
  - **Induction and Promotional training for App. JEs and Technicians of ICF**
  - **Calendar & Refresher courses for Supervisors &Technicians of ICF staff.**
  - **Special courses for Supervisors and Technicians of All Indian Railways.**
  - **Training of Act Apprentices under Apprenticeship Act 1961and BOAT Apprentices.**
  - **In-Plant training, Internship Training and Project work for College Students.**

CALENDAR COURSES (2026-27)

S. No.	Course Code	Target Audience	Title and Topics of the Course	In-charge		Duration (days)
				I	II	
1	PPC	Supervisors	**Production Planning and Control** -Role Of Data Centre and Computer Awareness -ERP and Project Lifecycle Management (PLM) Systems -Functions Of Process Planning and Latest Trends -Out-Sourcing Procedure -Functions of MPO -PCO and Incentive Systems	MKS	GAK	2
2	MPWS	Supervisors	**M & P, Works Contract and Stores** -Works Program -M & P Program& Lumpsum -Works Contract -Disposal of scraps -UDM -Sensitization on Accidents	SD	KMG	2
3	SC	Supervisors	**Standards and Certifications** -7 QC Tools & Root Cause Analysis -5S & Green Co - EMS ISO: 14001, OHSMS-ISO:45001;2018 & NABL -EnMS ISO: 50001 - Auditing Procedure-QMS ISO :9001&RQMS/TS:22163(IRIS) -Welding Certificates En15085 & ISO 3834	PK	GAK	2
4	HTMA	Supervisors	**High Tech Machines and Automation** - Special Machines I: RSW, Laser Cutting - Robotic Applications in Welding,, Introduction to Artificial Intelligence (AI), IOT, Robotics and Automation - Special Machines II: Stretch Forming, Cut-To-Length Machine, Roll Forming - Automation in New Wheel Shop – Shop 17 - Special MachinesIII: 5-Axis and 3-Axis CNC Machines Centre - Introduction to Machine Tool Control System: PLC/CNC/Robotics - Automation in Spring Shop – Shop 15	NDA	JAS	2
5	ASDP	Supervisors & Ministerial Staff	**Advanced Supervisory Development Program** -Sustainable Technology -Stores Activities -Managerial Skills -User Depot Module (UDM) -e- Office - ERP	DJB	MMK	2
6	EnMS	All staff	**Energy Management System** - EnergyPolic y - Energy Review and Auditing - Energy Conservation on compressed air system - Energy Efficiency - Energy Efficiency Mechanism in IR through PAT Scheme - Significant Energy Users in ICF - Hydrogen fuel cell / DEMU - Energy conservation measures adopted in ICF	MS	MRC	2

S. No	Course Code	Target Audience	Title and Topics of the Course	In-charge		Duration (days)
				I	II	
7	MT	Supervisors &Technicians	**Mechatronics** - Introduction to Mechatronics - Hydraulic & Pneumatic systems - Introduction to Artificial Intelligence (AI), IOT, Robotics and Automation - CNC machines - Basic Digital Electronics & Signal Conditioning Concepts - PLC concepts - Practical on Pneumatic circuits - Practical on Hydraulic circuits - Practical on PLC circuits	ASV	NDA	3
8	VB	Supervisors	**Train Sets (VB)** - Introduction to VB - Shell structures and features - Electrical Propulsion System - Auxiliary Power System - Brake System - Salient features of Trainset Bogie - Interiors, Vacuum Toilet and Plug Doors - Couplers, Gangways and Vestibules - Electrical features of VB trainset - VB trainset – RMPU features	KPK	KKS	3
9	APP	Accident victims of all staff	**Accident Prevention Program** - Material handling & Welding safety - Types of accident, Analysis and PPEs - Electrical and Fire Safety - Machine & Maintenance Safety - Preventive methods - Communication & Coordination in Accidents - Disaster Management	KMK	VSN	2
10	OLA	Supervisors & Ministerial Staff	**Online Applications and IOT** - HRMS - GeM - e-OFFICE - System Applications / Karmayogi - ERP / SAP - iMMS - Introduction to Artificial Intelligence (AI), IOT, Robotics and Automation	GS	GAK	2
11	**TB**	Supervisors & Technicians	**- Safety protocols in torquing and Bonding** **- Know your Fasteners and Torque wrench** **- Torquing Procedure** **- Fundamental of Adhesion and critical steps involved** **- Defect analysis(Both Torquing and Bonding)** **- Practicals**	**AAJ**	**KMK**	**2**
12	BS	Supervisors	**Braking Systems -Design and Concepts** - Air Brake & LHB Braking System - EP Brake & Regenerative Braking system - Air Assisted Toilet System - Train Set Braking System - RDSO Specification for Brakes - Air Brake Testing procedure &Working model at BTW	URG	AAJ	2

TRAINING SCHEDULE (2026-27)

SUPERVISORS, TECHNICIANS AND MINISTERIAL STAFF

S. No.	Course Code	Course Title	Target Audience	Frequency (months)	No. of days	Commences on											Course In-Charge
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	
1	PPC	Production Planning and Control	Supervisors	3	2	7			1			6			5			MKS/GAK
2	MPWS	M & P, Works Contract and Stores	Supervisors	3	2		5			4			3			2		SD/KMG
3	SC	Standards and Certifications	Supervisors	3	2	9			7			13			21			PK/RG
4	HTMA	High Tech Machines and Automation	Supervisors	3	2				21			22			19			NDA/JAS
5	ASDP	Advanced Supervisory Development Program	Supervisors & Ministerial	3	2		28			18			12			9		DJB/MMK
6	EnMS	Energy Management System	All Staff	3	2	21			28			27			28			MS/MRC
7	MT	Mechatronics	Supervisors &Technicians	3	3		11			11			16			16		ASV / NDA
8	VB	Train Sets (VB)	Supervisors	3	3		19		24				24			22		KPK/KKS
9	APP	Accident Prevention Program	Accident Victims of all employees	3	2			1			2			1			16	KMK/VSN
10	OLA	Online Applications and IOT	Supervisors	3	2			8			8			8			8	GS / GAK
11	TB	Torquing and Bonding	Supervisors & Technicians	3	2			15			16			15			2	AJJ/KMK
12	BS	Braking Systems - Design And Concepts	Supervisors	3	2			23			22			22			18	URG/AAJ

REFRESHER COURSE FOR TECHNICIANS
(2 days at TTC and 10 days On Job Training at respective shops)

13	RM	Refresher course for Machinist along with special topic on High Tech Machines and Automation	Machinist	2	2	23		4		6		8		3		4		SSE/MGL
14	RE	Refresher course for Electricians along with special topic on CableCrimping Practice	Electrician	2	2	27		11		20		15		10		11		SSE/ELE
15	RP	Refresher course for Painters along with special topic on Corrosion Resistance and Modernized Painting System	Painters	2	2	29		18		27		29		17		25		SSE/PAINT
16	RC	Refresher course for Carpenter along with special topic on Environment Occupational Health and Safety Requirements	Carpenter	2	2		7		9		10		5		7		4	SSE/CARP
17	RF	Refresher course for Fitter along with special topic on Train Sets Brake systems	Fitter	2	2		14		16		24		19		11		11	SSE/FGL

❖ SPECIAL COURSE FOR STAFF OF ALL INDIAN RAILWAYS

TRAIN SETS (VB & AB)	Supervisors and Technicians	Duration-5 days	Once in 2 months

❖ COMPETENCY MAPPING FOR ALL CONTRACT WORKERS

❖ NEED BASED TRAINING FOR ICF SUPERVISORS BY NON-RAILWAY INSTITUTION

❖ INDUCTION AND PROMOTIONAL TRAINING OF APPRENTICE JEs OF ICF

	CATEGORY	MECHANICAL		ELECTRICAL	
		THEORY/ PRACTICAL	PRACTICAL	THEORY/ PRACTICAL	PRACTICAL
WORKSHOP	DR–50%	38 weeks at MDDTI/SBC or STC/SC	14 weeks at ICF	24 weeks at IREEN/Nasik	28 weeks at ICF
	QSE–25%				
	PQ–25%	13weeks at ICF			
DESIGN	DR	26 weeks at TTC/ICF	26 weeks at D&D/ICF	24 weeks at IREEN/Nasik	28 weeks at D&D/ICF

❖ APPRENTICESHIP TRAINING FOR FRESHER APPRENTICES AND

❖ EX.ITI APPRENTICES (under Apprenticeship Act 1961)

SL. No.	TRADE	FRESHERS		Ex. ITI	
		DURATION OF COURSE	SANCTIONED CAPACITY	DURATION OF COURSE	SANCTIONED CAPACITY
1	CARPENTER	24 MONTHS	40	12 MONTHS	50
2	ELECTRICIAN		40		160
3	FITTER		80		180
4	MACHINIST		40		50
5	PAINTER		40		50
6	WELDER	15 MONTHS	80		180
TOTAL			320		670

❖ INTERNSHIP TRAINING FOR ENGINEERING STUDENTS ON PAYMENT

INPLANT		INTERNSHIP/MINI PROJECT		PROJECT	
01 Week		15 Days		45 Days	
Rly. Ward	Others	Rly. Ward	Others	Rly. Ward	Others
Rs 400/-	Rs 2000/-	Rs 1000/-	Rs 5000/-	Rs 2000/-	Rs 10000/-
+ GST Rs 72	+ GST Rs 360/-	+ GST Rs 180/-	+ GST Rs 900/-	+ GST Rs 36	+ GST Rs 1800/-
Rs. 472/-	Rs. 2360/-	Rs. 1180/-	Rs. 5900/-	Rs. 2360/-	Rs. 11800/-

IMPORTANT INSTRUCTIONS

All trainees coming for training at TTC shall adhere to the following instructions.

1. Discipline, sincerity and punctuality are the foremost qualities expected from the trainees.
2. Trainees shall bring their own safety shoes. PPEs will be provided during Practical and Factory visit.
3. Trainees having corrected vision must wear their spectacles during training.
4. Trainees shall report with Photo ID card and relieving letter.
5. Trainees shall bring two passport size photographs.
6. Hostel accommodation will be provided based on availability on nominal/Maintenance charges.
7. No mess facility is available in the hostel, however canteen services are available in TTC, Administrative office canteen during office hours.
8. No cooking is allowed in the hostel.
9. Hostel accommodation should be confirmed well in advance through e-mail to ptcttc2015@gmail.com

Note:

To ensure course Capacity and availability of accommodation for outstation trainees, it is advised to send the nominations atleast 10 days before commencement of course

COURSE CO-ORDINATORS

S. No.	NAME	ABBR	S. No.	NAME	ABBR
1	A. Arokia Joseph	AAJ	11	M. Kalaiselvan	MKS
2	A. Srinivasan	ASV	12	M. Mohanakrishnan	MMK
3	D. Janardhana Babu	DJB	13	M. Ramachandran	MRC
4	G. Anandakumar	GAK	14	M. Sandeep	MS
5	G. Sriram	GS	15	N. Dinesh Anbalagan	NDA
6	James Adward Surin	JAS	16	P. Kumar	PK
7	K. K. Shankar	KKS	17	R. Goutham	RG
8	K. Madhana Gopal	KMG	18	S. Dilli	SD
9	K. Muralikrishna	KMK	19	U. Ratnakar Goud	URG
10	K. Praveen Kumar	KPK	20	V. Swaminathan	VSN



TTC



BTW



Scan for location

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