यांत्रिक विभाग की महत्वपूर्ण गतिविधियाँ

IMPORTANT ACTIVITIES OF MECHANICAL DEPARTMENT

1.विभिन्न स्टेशनों पर गतिविधियाँ

1.Stationwise activities

गोंदिया

Gondia

Infrastructure

i. Two Pit Lines of Length 660 m and 600 m with Watering facility.
ii. Covered IOH Shed/Sick Line of 35 x 17 x 16 Meters.
iii. Bio Digester Lab with PH, COD, FCC testing facility of effluent.
iv. Coach Watering Facility in 5 platforms.
v. Rolling in Examination.
vi. Disaster Management Facilities i.e. SPARME, ART ('A' Class) with 140T crane.
vii. Hand Crane for Wheel changing.
viii. Automatic Coach Washing plant.

Activities

i. Primary Maintenance of 2 Janshatabdi LHB Rakes.
ii. Other End Attention of 4 Mail / Express, 4 MEMU & 3 DEMU.
iii. IOH/SS-1 of NAG Division, BSP & R based PCV & OCV.
iv. Disaster Management Activities including 140 Ton Crane.
v. Rolling in Examination of all Goods and Coaching Trains.
vi. Maintenance of 04 Departmental BOBYN Rakes of the Division.
vii. Enroute Trouble Shooting in the beat of all Coaching and Goods Train.
viii. Mechanized Coach Cleaning in Pit Line.
ix. OBHS in Janshatabdi Rake.
x. Pest Control and AMOC of Bio Toilet in Divisional PCV & OCV.
xi. Redressal of Passenger Complaint.
xii. CTS contract of 16 trains.

ने.सु.बो.इतवारी

NSCB Itwari

Infrastructure

i. Pit line of 600 meter length.
ii. Rolling in examination.
iii. Coach watering facility in all 4 platforms.
iv. Disaster management facilities with ART Class-B, and SPARME.
v. Road Mobile Brake down truck based at MIB.

Activities

i. Primary Maintenance of 7 ICF rakes of Passenger train between ITR-CWA-NIR-MFR-ITR-TMR-TRDI and ITR-CWA-NIR-ITR.
ii. Other End Maintenance of 4 Express trains, 4 Conventional Passenger & 4 MEMU Passenger.
iii. Maintenance of VP & Camping coach in Pit line.
iv. Disaster Management Activities in the beat.
v. Rolling in Examination of all terminating/originating Coaching Trains.
vi. Enroute Trouble Shooting in the beat of all Coaching and Goods Train.
vii. Maintenance of 1 Inspection Carriage.

छिंदवाड़ा

Chhindwara

Infrastructure

i. Coach watering facility in all 6 platforms.
ii. Rolling in examination.
iii. Tool Van.

Activities

i. Other End Maintenance of 04 Express trains, 05 Passenger trains & 2 MEMU rakes.
ii. Rolling in examination of all Goods and Coaching Trains.
iii. Enroute Trouble Shooting in the beat of all Coaching and Goods Train.
iv. Minor Re-railment activities by tool van.

नैनपुर

Nainpur

Infrastructure

i. Coach watering facility in all 2 platforms.
ii. Narrow Gauge Rail Museum.
iii. Disaster Management facility with SPARME & Tool van.
iv. Rolling in examination.
v. Railway owned Electronic In-Motion-Weighbridge at BUQ, PNJ and CID station provided with CCTV camera at each EIMWB.

Activities

i. Other End Maintenance of 01 Exp, 3 Conventional passenger train including watering, cleaning & watering of 06 Exp daily and 02 weekly trains.
ii. Rolling in examination of all Goods and Coaching passing Trains.
iii. Enroute Trouble Shooting in the beat of all Coaching and Goods Train.
iv. Disaster Management activities.
v. Maintenance and Calibration of these Railway Owned EIMWBs.
vi. Wagon maintenance and Tippler activity at PJPB siding and Wagon repair at GGGS, MFR, CID & KLZ.
vii. Intensive Examination of loaded Freight trains at at PNJ station.

डोंगरगढ़

Dongargarh

Infrastructure

i. Tool Van.
ii. Hand Crane.
iii. Wheel Impact Load Detector (WILD) in UP line between DGG-PJB.
iv. Rolling in Examination.
v. Coach watering facility in 2 platforms.

Activities

i. Minor Re-railment activities by tool van.
ii. Rolling in examination of all Coaching & Goods train.
iii. Watering during requirement and during Mela period.
iv. Maintenance and Upkeep of WILD.
v. Sick Repair of Wagons.
vi. Enroute Trouble Shooting in the beat of all Coaching and Goods Train.
vii. Watering of 01 MEMU train.

तुमसर रोड
Tumsar Road

Infrastructure

i. Railway owned Electronic In-Motion-Weighbridge.
ii. Test Rake with Standard Weights.

Activities

i. Watering and Cleaning in 1 DEMU & 1 conventional rake running between TMR-TRDI.
ii. Maintenance and Calibration of Railway Owned EIMWB
iii. Maintenance of Test Wagons.

नागभीड
Nagbhid

Infrastructure

i. Watering pipe line available in between Platform No. 1 & 2 for 22 coach length.
ii. Rolling in Examination.

Activities

i. Rolling in examination of all Goods and coaching trains.
ii. Trouble shooting of Coaching & Freight trains at NAB station & in enroute.
iii. Watering in coaches whenever required (on demand)
iv. Safe to Run examination on operational demand.

बरगी , पाद्रीगंज , चिरईडोंगरी और पाटनसावंगी
Bargi, Padriganj, Chiraidongri and Patansaongi

Infrastructure

i. 01 Railway owned Electronic In-Motion-Weighbridge at above four each stations provided with CCTV camera at each EIMWB.

Activity

i) Maintenance and Calibration of these Railway Owned EIMWBs.

2.0) Coach and wagon holding:

i. Coach Holding:

Passenger Coaching Vehicles (PCVs):

Type of coach	LWSCZ	LWSCZAC	LSLRD	LWLRRM		Total
LHB	33	11	03	03		50
Type of coach	**WGSCZJ**	**WGSCZRJ**	**WGACCW**	**GS/ GSCZ**	**GSLR/ GSLRD**	**Total**
ICF	0	0	1	55	19	74

- **Other Coaching Vehicles (OCVs):**

Type of coaches	RT/ TV	RT/ SV	DPC/ SV	DPC/TV	TC/MV	RA	Total
ICF	10	6	3	3	3	1	26

ii. Wagon Holding (Departmental stocks):

Type of wagon	BOBYN	BCNAHS	BRNAHS	Total
No. of wagon	58 (2 Rakes)	15	6	79

3.0 Disaster Management:

Station	Class of ART	Scale of ARME/HS-SPARME
ITR	'B' Class	3 coach SPARME
Gondia	'A' Class with Gottwald 140T BD Crane	3 coach SPARME
NIR	-	3 coach SPARME
DGG	Tool Van (Two Coach) with HRE for attending minor derailment.	
CWA	Tool Van (Two Coach) with HRE for attending minor derailment.	
NIR	Tool Van (Two Coach) with HRE for attending minor derailment.	
MIB	Road Mobile Brake Down Truck with HRE stationed at MIB for attending derailment in siding & minor yard derailment.	

4.0. Narrow Gauge Rail Museum (NGRM)

4.1. NGRM / Nainpur

i. Inaugurated on 28.11.2017 by Hon. Minister of State for Railway and opened for visitors.

ii. Area 7.798 Acres (3.156 Hectare). A new two storied building constructed and two heritage buildings have been renovated.

Main Features:-

i. Tourist train consisting of one NG loco and 3 refurbished NG coaches.

ii. AC restaurant car.

iii. Display of NG heritage, rolling stocks, 1 CC class loco, 3 NG coaches and 5 NG wagons.

iv. Heritage machine gallery with machines of year 1880 – 1905.

v. Thematic gallery of different department.

vi. AC auditorium with seating capacity of 50 persons.

vii. Green Gym

viii. Water Fountain with colorful lightings.

ix. Paintings, Posters and models of shed, locos, signaling equipment's, Bridges, workshop, depots and diesel shed.

x. Beautifully landscaped gardening with rides for children.

xi. Nainpur station model etc.

xii. Earnings & Average visitors per day:-

Year	Total Earning	Average footfall per day	Remark
2017-18	Rs.3,14,911/-	241	(Opened on 29.11.17)
2018-19	Rs. 4,26,830/-	131	-
2019-20	Rs. 4,50,405/-	134	-
2020-21	Rs.20,240/-	74	NGRM/NIR was closed due to COVID-19 from 23.03.20 to 5.3.21. Opened on 6.3.21 to 31.3.21 only.
2021-22	Rs.3,42,025/-	105	Museum was opened from 1.4.21 to 9.4.21 and closed from 10.04.21 due to 2nd wave of Covid-19. Re-opened on 07.08.21.

2022-23	Rs.7,51,430/-	124	-
2023-24	Rs.7,82,240/-	131	-
2024-25	Rs. 7,71,555/-	127	-
2025-26 (Up to Nov'25)	Rs. 5,02,070/-	126	The operation and Maintenance of NGRM/NIR has been outsourced and handed over to M/s. Ashish Enterprises, Nagpur for 15 years from date 21.11.2025 to 20.11.2040 vide contract Agreement No. RAIL-MEUSUM-NIR-NGP-2025 Dated- 03.11.2025 contract value Rs. 98.52 Lakh. **The Museum was officially handed over to party on Date- 21.11.2025**

4.2. NGRM/Motibagh –

i. Inaugurated on 14.12.2002 by then MR Shri Nitish Kumar.
ii. Beautifully landscaped area of about 5 acres.
iii. The main building is refurnished in 100 years old steam loco shed now having various thematic Galleries.

Main Features:-

i. 7 thematic galleries on C&W, Loco, Electrical, Commercial, S&T, Engg. & Heritage.
ii. 2. Revolving Air-Conditioned coaches.
iii. Joy ride in Toy Train.
iv. Total Rolling Stock Displayed: 22 nos.
v. Beautifully landscaped gardening with rides for children.

vi. Earnings & Average visitors per day: -

Year	Earning	Average foot fall / day	Remarks
2017-18	Rs.15,67,725/-	217	-
2018-19	Rs.15,26,225/-	204	-
2019-20	Rs. 13,15,225/-	179	-
2020-21	Nil	NIL	NGRM/MIB closed for visitors due to COVID-19 from 17th March-2020 to 31.03.2021
2021-22	Rs.6,76,590/-	100	Museum opened on 23.06.2021 with Covid restrictions of MNC Nagpur. Again, closed from 09.01.22 due to Covid.
2022-23	Rs.16,62,490/-	213	-
2023-24	Rs.18,53,560/-	250	NGRM/MIB was closed for public from 10.03.24 to 08.04.24.
2024-25	Rs. 15,81,735/-	222	Lawn booking for 01 occasion earning Rs. 18,000/-
2025-26 (Up to Nov'25)	Rs. 10,56,575/-	192	The operation and Maintenance of NGRM/MIB has been outsourced and handed over to M/s. Supply Realm, Thane for 15 years from date 24.10.2025 to 23.10.2040 vide contract Agreement No. NGRM-NITRKC-NGP-2025-10 Dated-7.10.2025 Rs. 04.86Cr. **The Museum was officially handed over to party on Date-27.11.2025.**

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