

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS
RAJYA SABHA
UNSTARRED QUESTION NO. 759
ANSWERED ON 24.07.2026

CAPACITY AUGMENTATION AND DECONGESTION OF PATNA RAILWAY NETWORK

759 SHRI AKHILESH PRASAD SINGH:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether Government has undertaken a comprehensive assessment of increasing passenger and freight congestion at Patna Junction, Danapur, Rajendra Nagar Terminal and adjoining railway sections in view of the growing traffic demand in Bihar;
- (b) whether infrastructure constraints have affected punctuality, operational efficiency and freight movement on the Delhi–Howrah corridor passing through Bihar;
- (c) the measures taken to modernise signalling systems, expand terminal capacity and improve rail connectivity in the Patna region; and
- (d) whether Government proposes to formulate a long-term infrastructure plan for enhancing railway capacity across Bihar to meet future transportation requirements?

ANSWER

MINISTER OF RAILWAYS, INFORMATION & BROADCASTING AND
ELECTRONICS & INFORMATION TECHNOLOGY

(SHRI ASHWINI VAISHNAW)

(a) to (d): To cater to the passenger and freight traffic in Patna area, facilities available at various stations in Patna area are as under:

Station	Facilities
Patna Junction	16 lines, 10 Platforms, 02 Washing Pits and 03 Stabling lines.
Rajendra Nagar Terminal	05 lines, 04 Platforms, 05 Washing Pits and 04 Stabling lines
Danapur Junction	17 lines, 06 Platforms, 03 Washing Pits, 01 Stabling line and 03 Goods handling lines.
Patliputra Station	05 lines, 05 Platforms and 01 Goods Handling line.

To increase train handling capacity, following capacity augmentation works have been taken up in Patna area:

SN	Details of work
1	Harding Park Terminal work involving provision of 5 No. of lines and 5 No. of platforms at a sanctioned cost of Rs. 88.13 Cr.
2	Provision of 02 No. of stabling lines work at Patliputra Station at a sanctioned cost of Rs. 15.04 Cr.

In addition, to improve the mobility of passenger and freight trains, following projects have been sanctioned:

SN	Project	Status
1	Neora- Jatdumri-Daniawan – Sheikhpura new railway line (121 Km)	Jatdumri – Daniawan -Sheikhpura (103 Km) section has been commissioned. The works in balance Neora – Jatdumri Section (18 km) have also been completed. It will provide alternate route from DDU – Danapur main line to Gaya – Kiul Section decongesting Patna.
2	Bihta – Anugrah Narayan Road new line (117 Km)	The project has been sanctioned at a cost of Rs 3606 Cr. Total land required for the project is 474 Ha. CALA has been nominated and Land acquisition for this project has been taken up. This line will connect DDU- Patna section to DDU- Gaya main line.

Also, Survey of Fatuha–Patna-DDU 3rd and 4th line (227 Km) has been taken up to increase capacity of the section. Survey has been completed and DPR is prepared.

After preparation of Detailed Project Report (DPR), sanctioning of project requires consultation with various stakeholders including State Governments and necessary approvals viz. appraisal of NITI Aayog, Ministry of Finance etc. As sanctioning of projects is a continuous and dynamic process, exact timelines depend upon appraisals and approvals by various stakeholders.

Further, the capacity augmentation works across Indian Railways are planned and executed based on projected traffic demand, operational & maintenance requirements.

Trains Services for Patna area:

In its constant endeavour to provide improved services to the Passenger of Patna area, Indian Railways, during the Financial Year 2025-26 and 2026-27 (upto June) have introduced the 20 pairs of trains including 2 pairs of Vande Bharat Express, 2 pairs of Amrit Bharat Express and 1 pair of Namo Bharat Rapid Rail. These services are listed below:

SN	Train no. and Name
1	26301/26302 Jogbani-Danapur Vande Bharat Express
2	26501/26502 Gorakhpur-Patliputra Vande Bharat Express
3	22361/22362 Rajendra Nagar-New Delhi Amrit Bharat Express
4	11431/11432 Pune-Danapur Amrit Bharat Express

5	94803/94804 Jaynagar-Patna Namo Bharat Rapid Rail
6	18405/18406 Puri-Patna Express
7	13353/13354 Patna.-Rajgir Express
8	55515/55516 Patna-Thawe Passenger
9	19801/19802 Sogaria -Danapur Express
10	13251/13252 Patna-Anand Vihar(T) Express
11	53237/53238 Gaya-Patna Passenger
12	53239/53240 Gaya-Patna Passenger
13	63329/63330 Gaya-Patliputra MEMU
14	63333/63334 Patliputra-Ballia MEMU
15	53201/53202 Patna-Buxar Passenger
16	53203/53204 Jhajha-Danapur Passenger
17	63389/63390 Nawada-Patna MEMU
18	75273/75274 Islampur-Patna DEMU
19	63273/63274 Rajgir-Patna MEMU
20	63275/63276 Kiul-Patna MEMU

Accordingly, at present, the stations of Patna area viz. Patna, Rajendra Nagar, Patliputra and Danapur are served by 307 train services, 93 train services, 84 trains and 160 train services respectively. The list of trains serving these stations is as under:

Trains serving Patna:

SN	Train No. and Name
1	20893 Tatanagar -Patna Vande Bharat Express

2	20894 Patna -Tatanagar Vande Bharat Express
3	21893 Tatanagar -Patna Vande Bharat Express
4	21894 Patna -Tatanagar Vande Bharat Express
5	21895 Tatanagar -Patna Vande Bharat Express
6	21896 Patna -Tatanagar Vande Bharat Express
7	22233 New Jalpaiguri - Patna Vande Bharat Express
8	22234 Patna - New Jalpaiguri Vande Bharat Express
9	22345 Patna - Gomti Nagar Vande Bharat Express
10	22346 Gomti Nagar - Patna Vande Bharat Express
11	22347 Howrah - Patna Vande Bharat Express
12	22348 Patna - Howrah Vande Bharat Express
13	22349 Patna - Ranchi Vande Bharat Express
14	22350 Ranchi - Patna Vande Bharat Express
15	22361 Rajendra Nagar (T) - New Delhi Amrit Bharat Express
16	22362 New Delhi - Rajendra Nagar (T) Amrit Bharat Express
17	22587 Sealdah - Banaras Amrit Bharat Express
18	22588 Banaras - Sealdah Amrit Bharat Express
19	94803 Jaynagar - Patna Namo Bharat Rapid Rail
20	94804 Patna - Jaynagar Namo Bharat Rapid Rail
21	12309 Rajendra Nagar (T) - New Delhi Rajdhani Express
22	12310 New Delhi - Rajendra Nagar (T) Rajdhani Express
23	20501 Agartala - Anand Vihar (T) Rajdhani Express
24	20502 Anand Vihar (T) - Agartala Rajdhani Express
25	20507 Sairang - Anand Vihar (T) Rajdhani Express
26	20508 Anand Vihar (T) - Sairang Rajdhani Express
27	12023 Howrah - Patna Jan Shatabdi Express
28	12024 Patna - Howrah Jan Shatabdi Express
29	12235 Madhupur - Anand Vihar (T) Express

30	12236 Anand Vihar (T) - Madhupur Express
31	12273 Howrah - New Delhi Durgam Express
32	12274 New Delhi - Howrah Durgam Express
33	12303 Howrah - New Delhi Express
34	12304 New Delhi - Howrah Express
35	12305 Howrah - New Delhi Rajdhani Express
36	12306 New Delhi - Howrah Rajdhani Express
37	12315 Kolkata - Udaipur City Express
38	12316 Udaipur City - Kolkata Express
39	12317 Kolkata - Amritsar Express
40	12318 Amritsar –Kolkata Express
41	12325 Kolkata - Amb Andaura Express
42	12326 Amb Andaura - Kolkata Express
43	12335 Bhagalpur – Lokmanya Tilak(T) Express
44	12336 Lokmanya Tilak (T) - Bhagalpur Express
45	12355 Patna – Jammu Tawi Express
46	12356 Jammu Tawi- Patna Express
47	12361 Asansol - Chhatrapati Shivaji Maharaj (T) Express
48	12362 Chhatrapati Shivaji Maharaj (T)- Asansol Express
49	12365 Patna - Ranchi Jan Shatabdi Express
50	12366 Ranchi - Patna Jan Shatabdi Express
51	12367 Bhagalpur - Anand Vihar (T) Express
52	12368 Anand Vihar (T) - Bhagalpur Express
53	12391 Rajgir - New Delhi Express
54	12392 New Delhi - Rajgir Express
55	12393 Rajendra Nagar (T) - New Delhi Express
56	12394 New Delhi - Rajendra Nagar (T) Express
57	12395 Rajendra Nagar (T) - Ajmer Express

58	12396 Ajmer - Rajendra Nagar (T) Express
59	12435 Jaynagar - Anand Vihar (T) Garib Rath
60	12436 Anand Vihar (T) - Jaynagar Garib Rath
61	12545 Raxaul – Lokmanya Tilak(T) Express
62	12546 Lokmanya Tilak (T)- Raxaul Express
63	12577 Darbhanga - Mysore Express
64	12578 Mysore - Darbhanga Express
65	12741 Vasco Da Gama - Patna Express
66	12742 Patna - Vasco Da Gama Express
67	12947 Ahmedabad - Rajgir Express
68	12948 Rajgir - Ahmedabad Express
69	13005 Howrah - Amritsar Express
70	13006 Amritsar - Howrah Express
71	13035 Howrah - Dehradun Express
72	13036 Dehradun - Howrah Express
73	13037 Howrah - Dehradun Express
74	13038 Dehradun - Howrah Express
75	13041 Howrah - Jammu Tawi Express
76	13042 Jammu Tawi - Howrah Express
77	13047 Howrah - Prayagraj Express
78	13048 Prayagraj - Howrah Express
79	13121 Kolkata - Ghazipur City Express
80	13122 Ghazipur City –Kolkata Express
81	13127 Kolkata - Ara Garib Rath
82	13128 Ara –Kolkata Garib Rath
83	13201 Rajgir – Lokmanya Tilak (T) Express
84	13202 Lokmanya Tilak (T) - Rajgir Express
85	13207 Jasidih - Patna Express

86	13208 Patna - Jasidih Express
87	13209 Patna – Pt. Deen Dayal Upadhyaya Express
88	13210 Pt.Deen Dayal Upadhyaya - Patna Express
89	13233 Koderma - Danapur Express
90	13234 Danapur - Koderma Express
91	13235 Sahibganj - Danapur Express
92	13236 Danapur - Sahibganj Express
93	13237 Patna - Kota Express
94	13238 Kota - Patna Express
95	13239 Patna - Kota Express
96	13240 Kota - Patna Express
97	13243 Patna - Bhabua Road Express
98	13244 Bhabua Road - Patna Express
99	13245 New Jalpaiguri - Ara Express
100	13246 Ara - New Jalpaiguri Express
101	13247 Kamakhya - Ara Express
102	13248 Ara - Kamakhya Express
103	13249 Patna - Bhabua Road Express
104	13250 Bhabua Road - Patna Express
105	13251 Patna - Anand Vihar (T) Express
106	13252 Anand Vihar (T) - Patna Express
107	13287 Durg - Ara Express
108	13288 Ara - Durg Express
109	13329 Dhanbad - Patna Express
110	13330 Patna - Dhanbad Express
111	13331 Dhanbad - Patna Express
112	13332 Patna - Dhanbad Express
113	13333 Dumka - Patna Express

114	13334 Patna - Dumka Express
115	13347 Barkakana - Patna Express
116	13348 Patna - Barkakana Express
117	13349 Singrauli - Patna Express
118	13350 Patna - Singrauli Express
119	13353 Rajgir - Patna Express
120	13354 Patna - Rajgir Express
121	13401 Bhagalpur - Danapur Express
122	13402 Danapur - Bhagalpur Express
123	13415 Malda Town - Patna Express
124	13416 Patna - Malda Town Express
125	13423 Bhagalpur - Ajmer Express
126	13424 Ajmer - Bhagalpur Express
127	13429 Malda Town - Anand Vihar (T) Express
128	13430 Anand Vihar (T) - Malda Town Express
129	14003 Malda Town - New Delhi Express
130	14004 New Delhi - Malda Town Express
131	15125 Banaras - Patna Express
132	15126 Patna - Banaras Express
133	15137 Rajgir - Banaras Express
134	15138 Banaras - Rajgir Express
135	15483 Alipur Duar - Delhi Express
136	15484 Delhi - Alipur Duar Express
137	15503 Saharsa - Patna Express
138	15504 Patna - Saharsa Express
139	15509 Lalitgram - Patna Express
140	15510 Patna - Lalitgram Express
141	15527 Jaynagar - Patna Express

142	15528 Patna - Jaynagar Express
143	15549 Jaynagar - Patna Express
144	15550 Patna - Jaynagar Express
145	15623 Bhagat Ki Kothi - Kamakhya Express
146	15624 Kamakhya - Bhagat Ki Kothi Express
147	15631 Barmer - Guwahati Express
148	15632 Guwahati - Barmer Express
149	15633 Bikaner - Guwahati Express
150	15634 Guwahati - Bikaner Express
151	15635 Okha - Guwahati Express
152	15636 Guwahati - Okha Express
153	15647 Lokmanya Tilak (T) - Guwahati Express
154	15648 Guwahati – Lokmanya Tilak (T) Express
155	15657 Delhi - Kamakhya Express
156	15658 Kamakhya - Delhi Express
157	15667 Gandhidham - Kamakhya Express
158	15668 Kamakhya - Gandhidham Express
159	15713 Katihar - Patna Express
160	15714 Patna - Katihar Express
161	15733 Balurghat - Bathinda Express
162	15734 Bathinda - Balurghat Express
163	15743 Balurghat - Bathinda Express
164	15744 Bathinda - Balurghat Express
165	15945 Lokmanya Tilak(T) - Dibrugarh Express
166	15946 Dibrugarh - Lokmanya Tilak(T) Express
167	17609 Patna - Purna Express
168	17610 Purna - Patna Express
169	18183 Tatanagar - Buxar Express

170	18184 Buxar - Tatanagar Express
171	18405 Puri - Patna Express
172	18406 Patna - Puri Express
173	18449 Puri - Patna Express
174	18450 Patna - Puri Express
175	18621 Patna - Hatia Express
176	18622 Hatia - Patna Express
177	18623 Islampur - Hatia Express
178	18624 Hatia - Islampur Express
179	18625 Purnia Court - Hatia Express
180	18626 Hatia - Purnia Court Express
181	18629 Ranchi - Gorakhpur Express
182	18630 Gorakhpur - Ranchi Express
183	19313 Indore - Patna Express
184	19314 Patna - Indore Express
185	19321 Indore - Patna Express
186	19322 Patna - Indore Express
187	19421 Ahmedabad -Patna Express
188	19422 Patna -Ahmedabad Express
189	19435 Ahmedabad - Asansol Express
190	19436 Asansol - Ahmedabad Express
191	20801 Islampur - New Delhi Express
192	20802 New Delhi - Islampur Express
193	22197 Kolkata - Virangana Lakshmibai Jhansi Express
194	22198 Virangana Lakshmibai Jhansi –Kolkata Express
195	22213 Shalimar - Patna Durgam Express
196	22214 Patna - Shalimar Durgam Express
197	22311 Godda – Lokmanya Tilak(T) Express

198	22312 Lokmanya Tilak(T) - Godda Express
199	22353 Patna -SMVT Bengaluru Express
200	22354 SMVT Bengaluru - Patna Express
201	22359 Patna - Chhatrapati Shivaji Maharaj (T) Express
202	22360 Chhatrapati Shivaji Maharaj (T) - Patna Express
203	22405 Bhagalpur - Anand Vihar (T) Garib Rath Express
204	22406 Anand Vihar (T) - Bhagalpur Garib Rath Express
205	22459 Madhupur - Anand Vihar (T) Express
206	22460 Anand Vihar (T) - Madhupur Express
207	22465 Madhupur - Anand Vihar (T) Express
208	22466 Anand Vihar (T) - Madhupur Express
209	22563 Jaynagar - Udhna Express
210	22564 Udhna - Jaynagar Express
211	22643 Ernakulam - Patna Express
212	22644 Patna - Ernakulam Express
213	22669 Ernakulam - Patna Express
214	22670 Patna - Ernakulam Express
215	22843 Bilaspur - Buxar Express
216	22844 Buxar - Bilaspur Express
217	22913 Bandra (T) - Saharsa Express
218	22914 Saharsa - Bandra (T) Express
219	22947 Surat - Bhagalpur Express
220	22948 Bhagalpur - Surat Express
221	22971 Bandra (T)- Patna Express
222	22972 Patna - Bandra (T) Express
223	53201 Patna - Buxar Passenger
224	53202 Buxar - Patna Passenger
225	53203 Jhajha - Danapur Passenger

226	53204 Danapur - Jhajha Passenger
227	53211 Patna - Sasaram Passenger
228	53212 Sasaram - Patna Passenger
229	53213 Patna - Gaya Passenger
230	53214 Gaya - Patna Passenger
231	53231 Tilaya - Danapur Passenger
232	53232 Danapur - Tilaya Passenger
233	53261 Fatuha - Buxar Passenger
234	53262 Buxar - Fatuha Passenger
235	55515 Patna - Thawe Passenger
236	55516 Thawe - Patna Passenger
237	63205 Kiul - Patna MEMU
238	63206 Patna - Kiul MEMU
239	63207 Jhajha - Patna MEMU
240	63209 Deoghar - Patna MEMU
241	63210 Patna - Deoghar MEMU
242	63212 Patna - Jhajha MEMU
243	63213 Patna - Ara MEMU
244	63214 Ara - Patna MEMU
245	63217 Barauni - Danapur MEMU
246	63218 Danapur - Barauni MEMU
247	63220 Buxar - Patna MEMU
248	63221 Mokama - Patna MEMU
249	63222 Patna - Mokama MEMU
250	63223 Patna - Ara MEMU
251	63224 Ara - Patna MEMU
252	63225 Patna - Pt.Deen Dayal Upadhyaya MEMU
253	63226 Varanasi - Patna MEMU

254	63231 Patna - Pt.Deen Dayal Upadhyaya MEMU
255	63232 Buxar - Patna MEMU
256	63233 Patna - Varanasi MEMU
257	63234 Pt.Deen Dayal Upadhyaya - Patna MEMU
258	63241 Patna -Gaya MEMU
259	63242 Gaya -Patna MEMU
260	63243 Patna -Gaya MEMU
261	63244 Gaya -Patna MEMU
262	63245 Patna -Gaya MEMU
263	63246 Gaya -Patna MEMU
264	63247 Patna -Gaya MEMU
265	63248 Gaya -Patna MEMU
266	63249 Patna -Gaya MEMU
267	63250 Gaya -Patna MEMU
268	63251 Patna -Gaya MEMU
269	63252 Gaya -Patna MEMU
270	63253 Patna -Gaya MEMU
271	63254 Gaya -Patna MEMU
272	63255 Patna -Gaya MEMU
273	63256 Gaya -Patna MEMU
274	63258 Gaya -Patna MEMU
275	63259 Patna -Gaya MEMU
276	63263 Patna - Buxar MEMU
277	63264 Pt.Deen Dayal Upadhyaya - Patna MEMU
278	63271 Mokama - Patna MEMU
279	63272 Patna - Mokama MEMU
280	63273 Rajgir - Patna MEMU
281	63274 Patna - Rajgir MEMU

282	63275 Kiul - Patna MEMU
283	63276 Patna - Kiul MEMU
284	63280 Patna - Barauni MEMU
285	63281 Patliputra - Patna MEMU
286	63282 Patna - Patliputra MEMU
287	63283 Barauni - Patna MEMU
288	63284 Patna - Barauni MEMU
289	63285 Barauni - Patna MEMU
290	63325 Islampur - Patna MEMU
291	63326 Patna - Islampur MEMU
292	63327 Islampur - Patna MEMU
293	63328 Patna - Islampur MEMU
294	63329 Patliputra - Gaya MEMU
295	63330 Gaya - Patliputra MEMU
296	63339 Rajgir - Danapur MEMU
297	63340 Danapur - Rajgir MEMU
298	63383 Vaishali - Koderma MEMU
299	63384 Koderma - Vaishali MEMU
300	63389 Patna - Nawadah MEMU
301	63390 Nawadah - Patna MEMU
302	63391 Islampur - Patna MEMU
303	63392 Patna - Islampur MEMU
304	63393 Patna - Gaya MEMU
305	63394 Gaya - Patna MEMU
306	63395 Patna - Gaya MEMU
307	63396 Gaya - Patna MEMU

Trains Serving Rajendra Nagar:

SN	Train no. and Name
1	22361 Rajendra Nagar (T) - New Delhi Amrit Bharat Express
2	22362 New Delhi - Rajendra Nagar (T) Amrit Bharat Express
3	12309 Rajendra Nagar (T) - New Delhi Rajdhani Express
4	12310 New Delhi - Rajendra Nagar (T) Rajdhani Express
5	12351 Howrah - Rajendra Nagar (T) Express
6	12352 Rajendra Nagar (T) - Howrah Express
7	12391 Rajgir - New Delhi Express
8	12392 New Delhi - Rajgir Express
9	12393 Rajendra Nagar (T) - New Delhi Express
10	12394 New Delhi - Rajendra Nagar (T) Express
11	12395 Rajendra Nagar (T) - Ajmer Express
12	12396 Ajmer - Rajendra Nagar (T) Express
13	13207 Jasidih -Patna Express
14	13208 Patna -Jasidih Express
15	13227 Saharsa - Rajendra Nagar (T) Express
16	13228 Rajendra Nagar (T) - Saharsa Express
17	13229 Godda - Rajendra Nagar (T) Express
18	13230 Rajendra Nagar (T) - Godda Express
19	13233 Koderma - Danapur Express
20	13234 Danapur - Koderma Express
21	13235 Sahibganj - Danapur Express
22	13236 Danapur - Sahibganj Express
23	13241 Banka - Rajendra Nagar (T) Express
24	13242 Rajendra Nagar (T) - Banka Express
25	13245 New Jalpaiguri - Ara Express
26	13246 Ara - New Jalpaiguri Express
27	13247 Kamakhya - Ara Express

28	13248 Ara - Kamakhya Express
29	13281 Dibrugarh - Rajendra Nagar (T) Express
30	13282 Rajendra Nagar (T) - Dibrugarh Express
31	13287 Durg - Ara Express
32	13288 Ara - Durg Express
33	13331 Dhanbad -Patna Express
34	13332 Patna -Dhanbad Express
35	13333 Dumka - Patna Express
36	13334 Patna - Dumka Express
37	13353 Rajgir - Patna Express
38	13354 Patna - Rajgir Express
39	13401 Bhagalpur - Danapur Express
40	13402 Danapur - Bhagalpur Express
41	13415 Malda Town - Patna Express
42	13416 Patna - Malda Town Express
43	15527 Jaynagar - Patna Express
44	15528 Patna - Jaynagar Express
45	15733 Balurghat - Bathinda Express
46	15734 Bathinda - Balurghat Express
47	15743 Balurghat - Bathinda Express
48	15744 Bathinda - Balurghat Express
49	18183 Tatanagar - Buxar Express
50	18184 Buxar - Tatanagar Express
51	18621 Patna - Hatia Express
52	18622 Hatia - Patna Express
53	18623 Islampur - Hatia Express
54	18624 Hatia - Islampur Express
55	18625 Purnia Court - Hatia Express

56	18626 Hatia - Purnia Court Express
57	20801 Islampur - New Delhi Express
58	20802 New Delhi - Islampur Express
59	22643 Ernakulam -Patna Express
60	13127 Kolkatta (T) - Ara Garibrath Express
61	13128 Ara - Kolkatta (T) Garibrath Express
62	22405 Bhagalpur - Anand Vihar (T) Garibrath Express
63	22406 Anand Vihar (T) - Bhagalpur Garibrath Express
64	63205 Kiul -Patna MEMU
65	63206 Patna -Kiul MEMU
66	63207 Jhajha - Patna MEMU
67	63209 Deoghar - Patna MEMU
68	63210 Patna - Deoghar MEMU
69	63212 Patna - Jhajha MEMU
70	63217 Barauni - Danapur MEMU
71	63218 Danapur - Barauni MEMU
72	63221 Mokama - Patna MEMU
73	63222 Patna - Mokama MEMU
74	63271 Mokama - Patna MEMU
75	63272 Patna - Mokama MEMU
76	63273 Rajgir - Patna MEMU
77	63274 Patna - Rajgir MEMU
78	63275 Kiul -Patna MEMU
79	63276 Patna -Kiul MEMU
80	63325 Islampur - Patna MEMU
81	63326 Patna - Islampur MEMU
82	63327 Islampur - Patna MEMU
83	63328 Patna - Islampur MEMU

84	63339 Rajgir - Danapur MEMU
85	63340 Danapur - Rajgir MEMU
86	63383 Vaishali - Koderma MEMU
87	63384 Koderma - Vaishali MEMU
88	53203 Jhajha - Danapur Passenger
89	53204 Danapur - Jhajha Passenger
90	53231 Tilaya - Danapur Passenger
91	53232 Danapur - Tilaya Passenger
92	53261 Fatuha - Buxar Passenger
93	53262 Buxar - Fatuha Passenger

Trains Serving Patliputra:

SN	Train No. and Name
1	26501 Patliputra - Gorakhpur Vande Bharat Express
2	26502 Gorakhpur - Patliputra Vande Bharat Express
3	11015 Lokmanya Tilak (T)- Saharsa Amrit Bharat Express
4	11016 Saharsa - Lokmanya Tilak (T) Amrit Bharat Express
5	11031 Panvel - Alipur Duar Amrit Bharat Express
6	11032 Alipur Duar - Panvel Amrit Bharat Express
7	15293 Muzaffarpur - Charlapalli Amrit Bharat Express
8	15294 Charlapalli - Muzaffarpur Amrit Bharat Express
9	11401 Pune - Supaul Express
10	11402 Supaul - Pune Express
11	12141 Lokmanya Tilak (T) - Patliputra Express
12	12142 Patliputra - Lokmanya Tilak (T) Express
13	12423 Dibrugarh - New Delhi Rajdhani Express
14	12424 New Delhi - Dibrugarh Rajdhani Express
15	12487 Jogbani - Anand Vihar (T) Express

16	12488 Anand Vihar (T) - Jogbani Express
17	12505 Kamakhya - Anand Vihar (T) Express
18	12506 Anand Vihar (T) - Kamakhya Express
19	13121 Kolkatta (T) - Ghazipur City Express
20	13122 Ghazipur City - Kolkatta (T) Express
21	13205 Purnia Court - Patliputra Express
22	13206 Patliputra - Purnia Court Express
23	13211 Jogbani - Danapur Express
24	13212 Danapur - Jogbani Express
25	13225 Jaynagar - Ara Express
26	13226 Ara - Jaynagar Express
27	14037 Silchar - New Delhi Express
28	14038 New Delhi - Silchar Express
29	14619 Agartala - Firozpur Cant Express
30	14620 Firozpur Cant - Agartala Express
31	15033 Patliputra - Lucknow L Express
32	15034 Lucknow L - Patliputra Express
33	15079 Patliputra - Gorakhpur Express
34	15080 Gorakhpur - Patliputra Express
35	15201 Patliputra - Bagaha Express
36	15202 Bagaha - Patliputra Express
37	15505 Saharsa - Patliputra Express
38	15506 Patliputra - Saharsa Express
39	15507 Darbhanga - Patliputra Express
40	15508 Patliputra - Darbhanga Express
41	15515 Narkatiaganj - Danapur Express
42	15516 Danapur - Narkatiaganj Express
43	15549 Jaynagar - Patna Express

44	15550 Patna - Jaynagar Express
45	15555 Patliputra - Bapudham Motihari Express
46	15556 Bapudham Motihari - Patliputra Express
47	15589 Muzaffarpur - Hadapsar Express
48	15590 Hadapsar - Muzaffarpur Express
49	15659 Lokmanya Tilak (T) - Agartala Express
50	15660 Agartala - Lokmanya Tilak (T) Express
51	16601 Erode - Jogbani Amrit Bharat Express
52	16602 Jogbani - Erode Amrit Bharat Express
53	18629 Ranchi - Gorakhpur Express
54	18630 Gorakhpur - Ranchi Express
55	19669 Udaipur City - Patliputra Express
56	19670 Patliputra - Udaipur City Express
57	22351 Saharsa - Smvt Bengaluru Express
58	22352 Smvt Bengaluru - Saharsa Express
59	22355 Patliputra - Chandigarh Express
60	22356 Chandigarh - Patliputra Express
61	22449 Guwahati - New Delhi Express
62	22450 New Delhi - Guwahati Express
63	22553 Raxaul - Lokmanya Tilak (T) Express
64	22554 Lokmanya Tilak (T) - Raxaul Express
65	55515 Patna -Thawe Passenger
66	55516 Thawe -Patna Passenger
67	63265 Darbhanga - Patliputra MEMU
68	63266 Patliputra - Darbhanga MEMU
69	63267 Muzaffarpur - Patliputra MEMU
70	63268 Patliputra - Muzaffarpur MEMU
71	63280 Patna - Barauni MEMU

72	63281 Patliputra - Patna MEMU
73	63282 Patna - Patliputra MEMU
74	63283 Barauni - Patna MEMU
75	63284 Patna - Barauni MEMU
76	63285 Barauni - Patna MEMU
77	63287 Barauni - Patliputra MEMU
78	63288 Patliputra - Barauni MEMU
79	63329 Patliputra - Gaya MEMU
80	63330 Gaya - Patliputra MEMU
81	63333 Patliputra - Ballia MEMU
82	63334 Ballia - Patliputra MEMU
83	63383 Vaishali - Koderma MEMU
84	63384 Koderma - Vaishali MEMU

Trains Serving Danapur:

SN	Train No. and Name
1	26301 Jogbani - Danapur Vande Bharat Express
2	26302 Danapur - Jogbani Vande Bharat Express
3	11015 Lokmanya Tilak(T) - Saharsa Amrit Bharat Express
4	11016 Saharsa - Lokmanya Tilak(T) Amrit Bharat Express
5	11031 Panvel - Alipur Duar Amrit Bharat Express
6	11032 Alipur Duar - Panvel Amrit Bharat Express
7	11431 Pune - Danapur Amrit Bharat Express
8	11432 Danapur - Pune Amrit Bharat Express
9	15293 Muzaffarpur - Charlapalli Amrit Bharat Express
10	15294 Charlapalli - Muzaffarpur Amrit Bharat Express
11	16601 Erode - Jogbani Amrit Bharat Express
12	16602 Jogbani - Erode Amrit Bharat Express

13	22361 Rajendra Nagar (T) - New Delhi Amrit Bharat Express
14	22362 New Delhi - Rajendra Nagar (T) Amrit Bharat Express
15	12309 Rajendra Nagar (T) - New Delhi Rajdhani Express
16	12310 New Delhi - Rajendra Nagar (T) Rajdhani Express
17	12423 Dibrugarh - New Delhi Rajdhani Express
18	12424 New Delhi - Dibrugarh Rajdhani Express
19	11401 Pune -Supaul Express
20	11402 Supaul -Pune Express
21	12141 Lokmanya Tilak(T) - Patliputra Express
22	12142 Patliputra - Lokmanya Tilak(T) Express
23	12295 SMVT Bengaluru - Danapur Express
24	12296 Danapur - SMVT Bengaluru Express
25	12303 Howrah - New Delhi Express
26	12304 New Delhi - Howrah Express
27	12335 Bhagalpur - Lokmanya Tilak(T) Express
28	12336 Lokmanya Tilak(T) - Bhagalpur Express
29	12355 Patna - Jammu Tawi Express
30	12356 Jammu Tawi - Patna Express
31	12391 Rajgir - New Delhi Express
32	12392 New Delhi - Rajgir Express
33	12393 Rajendra Nagar (T) - New Delhi Express
34	12394 New Delhi - Rajendra Nagar (T) Express
35	12395 Rajendra Nagar (T) - Ajmer Express
36	12396 Ajmer - Rajendra Nagar (T) Express
37	12487 Jogbani - Anand Vihar (T) Express
38	12488 Anand Vihar (T) - Jogbani Express
39	12505 Kamakhya - Anand Vihar (T) Express
40	12506 Anand Vihar (T) - Kamakhya Express

41	12577 Darbhanga -Mysore Express
42	12578 Mysore -Darbhanga Express
43	12791 Secunderabad - Danapur Express
44	12792 Danapur - Secunderabad Express
45	12947 Ahmedabad - Rajgir Express
46	12948 Rajgir - Ahmedabad Express
47	13005 Howrah - Amritsar Express
48	13006 Amritsar - Howrah Express
49	13041 Howrah - Jammu Tawi Express
50	13042 Jammu Tawi - Howrah Express
51	13047 Howrah - Prayagraj Rambag Express
52	13048 Prayagraj Rambag - Howrah Express
53	13201 Rajgir - Lokmanya Tilak(T) Express
54	13202 Lokmanya Tilak(T) - Rajgir Express
55	13209 Patna -Pt.Deen Dayal Upadhyaya Express
56	13210 Pt.Deen Dayal Upadhyaya -Patna Express
57	13211 Jogbani - Danapur Express
58	13212 Danapur - Jogbani Express
59	13225 Jaynagar - Ara Express
60	13226 Ara - Jaynagar Express
61	13233 Koderma - Danapur Express
62	13234 Danapur - Koderma Express
63	13235 Sahibganj - Danapur Express
64	13236 Danapur - Sahibganj Express
65	13237 Patna -Kota Express
66	13238 Kota -Patna Express
67	13239 Patna -Kota Express
68	13240 Kota -Patna Express

69	13245 New Jalpaiguri - Ara Express
70	13246 Ara - New Jalpaiguri Express
71	13247 Kamakhya - Ara Express
72	13248 Ara - Kamakhya Express
73	13249 Patna - Bhabua Road Express
74	13250 Bhabua Road - Patna Express
75	13251 Patna - Anand Vihar (T) Express
76	13252 Anand Vihar (T) - Patna Express
77	13257 Danapur - Anand Vihar (T) Express
78	13258 Anand Vihar (T) - Danapur Express
79	13287 Durg - Ara Express
80	13288 Ara - Durg Express
81	13401 Bhagalpur - Danapur Express
82	13402 Danapur - Bhagalpur Express
83	13429 Malda Town - Anand Vihar (T) Express
84	13430 Anand Vihar (T) - Malda Town Express
85	15483 Alipur Duar -Delhi Express
86	15484 Delhi - Alipur Duar Express
87	15515 Narkatiaganj - Danapur Express
88	15516 Danapur - Narkatiaganj Express
89	15589 Muzaffarpur - Hadapsar Express
90	15590 Hadapsar - Muzaffarpur Express
91	15647 Lokmanya Tilak(T) - Guwahati Express
92	15648 Guwahati - Lokmanya Tilak(T) Express
93	15659 Lokmanya Tilak(T) - Agartala Express
94	15660 Agartala - Lokmanya Tilak(T) Express
95	15733 Balurghat - Bathinda Express
96	15734 Bathinda - Balurghat Express

97	15743 Balurghat - Bathinda Express
98	15744 Bathinda - Balurghat Express
99	15945 Lokmanya Tilak(T) - Dibrugarh Express
100	15946 Dibrugarh - Lokmanya Tilak(T) Express
101	18183 Tatanagar - Buxar Express
102	18184 Buxar - Tatanagar Express
103	19421 Ahmedabad -Patna Express
104	19422 Patna -Ahmedabad Express
105	19435 Ahmedabad -Asansol Express
106	19436 Asansol -Ahmedabad Express
107	19483 Ahmedabad -Saharsa Express
108	19484 Saharsa -Ahmedabad Express
109	19669 Udaipur City - Patliputra Express
110	19670 Patliputra - Udaipur City Express
111	19801 Sogariya - Danapur Express
112	19802 Danapur - Sogariya Express
113	20801 Islampur - New Delhi Express
114	20802 New Delhi - Islampur Express
115	20933 Udhna - Danapur Express
116	20934 Danapur - Udhna Express
117	22311 Godda – Lokmanya Tilak(T) Express
118	22312 Lokmanya Tilak(T) - Godda Express
119	22351 Saharsa - Smvt Bengaluru Express
120	22352 Smvt Bengaluru - Saharsa Express
121	22355 Patliputra - Chandigarh Express
122	22356 Chandigarh - Patliputra Express
123	22843 Bilaspur - Buxar Express
124	22844 Buxar - Bilaspur Express

125	22947 Surat - Bhagalpur Express
126	22948 Bhagalpur - Surat Express
127	12435 Jaynagar - Anand Vihar (T) Garib Rath Express
128	12436 Anand Vihar (T) - Jaynagar Garib Rath Express
129	13127 Kolkatta (T) - Ara Garib Rath Express
130	13128 Ara - Kolkatta (T) Garib Rath Express
131	22405 Bhagalpur - Anand Vihar (T) Garib Rath Express
132	22406 Anand Vihar (T) - Bhagalpur Garib Rath Express
133	63213 Patna - Ara MEMU
134	63214 Ara - Patna MEMU
135	63217 Barauni - Danapur MEMU
136	63218 Danapur - Barauni MEMU
137	63219 Danapur - Buxar MEMU
138	63220 Buxar - Patna MEMU
139	63223 Patna - Ara MEMU
140	63224 Ara - Patna MEMU
141	63225 Patna -Pt.Deen Dayal Upadhyaya MEMU
142	63226 Varanasi - Patna MEMU
143	63231 Patna -Pt.Deen Dayal Upadhyaya MEMU
144	63232 Buxar - Patna MEMU
145	63233 Patna - Varanasi MEMU
146	63234 Pt.Deen Dayal Upadhyaya Patna MEMU
147	63263 Patna - Buxar MEMU
148	63264 Pt.Deen Dayal Upadhyaya Patna MEMU
149	63339 Rajgir - Danapur MEMU
150	63340 Danapur - Rajgir MEMU
151	53201 Patna - Buxar Passenger
152	53202 Buxar - Patna Passenger

153	53203 Jhajha - Danapur Passenger
154	53204 Danapur - Jhajha Passenger
155	53211 Patna - Sasaram Passenger
156	53212 Sasaram - Patna Passenger
157	53231 Tilaya - Danapur Passenger
158	53232 Danapur - Tilaya Passenger
159	53261 Fatuha - Buxar Passenger
160	53262 Buxar - Fatuha Passenger

Besides, introduction of new train service including Vande Bharat train services on any route/section, which is an on-going process, depends on various factors which include:

- Capacity of that section.
- Availability of path.
- Availability of required rolling stock.
- Availability of matching infrastructure for rolling stock.
- Maintenance requirement of railway tracks and other assets.
- Occupancy and the traffic requirement of the section.

Network expansion Projects in Bihar

Railway Budget:

Budget allocation in the recent years has increased significantly. Budget allocation for infrastructure projects falling fully/partly in the Bihar is as under:-

Period	Outlay
2009-14	₹1,132 Cr./year
2026-27	₹10,379 Cr. (More than 9 times)

Track construction:

The details of commissioning/laying of new track falling fully/partly in the State of Bihar is as under:-

Period	New Track Commissioned	Average Commissioning of new tracks
2009-14	318 Km	63.6 Km/year
2014-26	2,034 Km	169.5 Km/year (More than 2.5 times)

Projects sanctioned:

As on 01.04.2026, 59 projects (32 New Lines, 01 Gauge Conversions and 26 Doubling), covering a total length of 5,067 km, costing ₹96,651 crore, falling fully/partly in Bihar are sanctioned. The summary is as under:-

Category	No of sanctioned Projects	Total Length (in Km)	Length Commissioned till Mar'26 (in Km)	Total Exp upto Mar'26 (₹ in Cr)
New Lines	32	2,616	533	14,806
Gauge Conversion	1	69	52	544
Doubling/Multi-tracking	26	2,382	465	14,509
Total	59	5,067	1,050	29,860

Recently completed projects:

Details of some of the recently completed projects falling fully/partly in Bihar are as under:-

SN.	Project	Cost (In Crores of Rs)
1	Patna bridge (28 Km)	3,310
2	Munger rail cum road Bridge (15 Km)	3,040
3	Kosi Bridge (22 Km)	863
4	Daniawan-Biharsharif new line (38 Km)	354
5	Chandan-Banka new line (40 Km)	496
6	Rampurhat-Mandarhill new line (130 Km)	908
7	Maharajganj-Masrakh new line (35 Km)	412
8	Rajgir-Tilaiya&Natesar-Islampur new line (67 Km)	726
9	Jaynagar-Narkatiaganj gauge conversion (260 Km)	967
10	Kaptanganj-Chhapra gauge conversion (234 Km)	819
11	Sakri-Nirmali, Saharsa-Forbesganj gauge conversion (206 Km)	2,113
12	Mansi-Saharsa, Saharsa-Purnia, Banmakhi- Bihariganj gauge conversion (169 Km)	752
13	Sahibganj-Pirpainti doubling (23 Km)	129
14	Maheshkunt-Thanabihpur doubling (32 Km)	115
15	Hajipur-Ramdayalu Nagar doubling (48 Km)	367
16	Pirpainti-Bhagalpur doubling (51 Km)	493
17	Kiul-Gaya doubling (124 Km)	2,462
18	Hajipur-Bachwara doubling (72 Km)	930
19	Araria-Galgalia (Thakurganj) new line (110 Km)	2,132
20	Samastipur-Darbhanga Doubling (38 Km)	874

Ongoing projects:

Some of the projects falling fully/partly in the State of Bihar which have been taken up are as under:

SN.	Project	Cost (Rs. in Cr.)
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1	Sakri-Hasanpur new line (76 Km)	802
2	Fatuha-Islampur new line (167 Km)	3,158
3	Koderma-Tilaiya new line (65 Km)	2,287
4	Hajipur-Sagauli new line (151 Km)	2,820
5	Araria-Supaul new line (96 Km)	2,170
6	Kursela-Bihariganj new line (58 Km)	194
7	Pirpainti-Jassidih new line (97 Km)	2,700
8	Chhitauni-Tumkuhi Road new line (59 Km)	1,881
9	Jalalgarh-Kishanganj new line (51 Km)	407
10	Sitamarhi-Nirmali new line (189 Km)	2,833
11	Bihta-Aurangabad new line (120 Km)	3,606
12	Gaya-Chatra and Gaya-Natesar new line (135 Km)	4,543
13	Sultanganj-Katuria new line (77 Km)	291
14	Jaynagar-Bijalpura Gauge conversion (69 Km)	900
15	Dhanbad-Sonnagar 3rd line (291 Km)	7,906
16	Sagauli-Valmikinagar Doubling (110 Km)	1,456
17	Muzaffarpur-Sugauli Doubling (101 Km)	1,745
18	Barauni-Bachwara 3rd & 4th line (32 Km)	486
19	Narkatiaganj-Darbhanga, Sitamarhi-Muzaffarpur doubling (256 Km)	4,080
20	Chhapra-Ballia Patch Doubling (65 Km)	1,046
21	Katihar-Kumedpur and Katihar-Mukuria Doubling (65 Km)	943
22	Son Nagar-Andal Multitracking (749 Km)	12,334
23	Punarakh- Bhaktiyarpur New 4th line & balance 3rd line (28 Km)	422
24	Aluabari Road-Thakurganj Doubling (20 Km)	327
25	Bhagalpur-Jamalpur 3rd line (53 Km)	1,156
26	Bhagalpur-Dumka-Rampurhat doubling (177 Km)	3,169
27	Bakhtiyarpur-Rajgir-Tilaiya doubling (104 Km)	2,192
28	Bakhtiyarpur-Fatuha 3rd and 4th line (24 Km)	931
29	Punarakh-Kiul 3 rd and 4 th line (50 Km)	2,668
30	Kiul-Jhajha 3rd Line (54 Km)	962
31	Mansi-Saharsa doubling (44 Km)	499

Various steps taken by the Government for effective and speedy implementation of rail projects include:

- Substantial increase in allocation of funds.
- Delegation of powers at field level.
- Close monitoring of progress of project at various levels.
- Regular follow up with State Governments and concerned authorities for expeditious land acquisition, forestry and Wildlife clearances and for resolving other issues pertaining to projects.

Completion of Railway projects/s depends on various factors which include the following:

- Land acquisition by State Government
- Forest clearance
- Shifting of infringing utilities
- Statutory clearances from various authorities
- Geological and topographical conditions of area
- Law and order situation in the area of project site
- Number of working months in a year for particular project site etc.

All these factors affect the completion time and cost of the project/s.

Improvement of signalling infrastructure:

Strengthening, upgradation, modernisation and improvement of Signalling infrastructure is a continuous and ongoing process over Indian Railways. Indian Railway is continuously modernizing current infrastructure of its signalling system as under:

- i. Electrical/Electronic Interlocking Systems with centralized operation points and signals in place of old mechanical signalling have been provided at 6671 stations as on 30.06.2026, out of which Electronic Interlocking have been provided at 3954 stations over Indian Railways, including Patna region.
- ii. Automatic Block Signalling (ABS) enhances line capacity within existing track infrastructure and has been provided at 7464 route Km upto 30.06.2026 over IR. Further, Automatic Block Signalling works are sanctioned on 12,285 route Km including 71.22route Km in Patna region as under:

SN	Section	Route Km of ABS Sanctioned
1	Rajendranagar Terminal - Kulharia	41.00
2	Patna Jn - Pothahi	18.76
3	Patliputra – Pahleza Ghat	11.46

Kavach Implementation:

- i. Kavach is an indigenously developed Automatic Train Protection (ATP) system. Kavach is a highly technology intensive system, which requires safety certification of highest order (SIL-4).
- ii. Kavach aids the Loco Pilot in running of trains within specified speed limits by automatic application of brakes in case Loco Pilot fails to do so and also helps the trains to run safely during inclement weather.
- iii. The first field trials on the passenger trains were started in February 2016. Based on the experience gained and Independent Safety Assessment of the system by Independent Safety Assessor (ISA), three firms were approved in 2018-19, for supply of Kavach Ver 3.2.
- iv. Kavach was adopted as National ATP system in July, 2020.
- v. Implementation of Kavach System involves following Key Activities:
 - a. Installation of Station Kavach at each and every station, block section.
 - b. Installation of RFID Tags throughout the track length.
 - c. Installation of telecom Towers throughout the section.

- d. Laying of Optical Fibre Cable along the track.
- e. Provision of Loco Kavach on each and every Locomotive running on Indian Railways.
- vi. Based on deployment of Kavach version 3.2 on 1,465 Rkm on South Central Railway and experience gained, further improvements were made. Finally, Kavach specification version 4.0 was approved by RDSO on 16.07.2024.
- vii. Kavach version 4.0 covers all the major features required for the diverse railway network. This is a significant milestone in safety for Indian Railways. Within a short period, IR has developed, tested and started deploying Automatic Train Protection System.
- viii. Major improvement in Version 4.0 includes increased Location Accuracy, Improved Information of Signal Aspects in bigger yards, Station to Station Kavach interface on OFC and Direct Interface to existing Electronic Interlocking System. With these improvements, Kavach Ver.4.0. is planned for large scale deployment over Indian Railways.
- ix. After extensive and elaborate trials, Kavach Version 4.0 has been successfully commissioned on 2,490 Route Kilometres as on 13.07.26, covering the high density Delhi- Mumbai and Delhi- Howrah routes including sections passing through Bihar as below:

SN	Section	Progress (Route Km)
(1)	Delhi-Mumbai route: 1,344 Rkm	
i	Tilak Bridge - Junction cabin – Palwal – Mathura – Nagda –Vadodra-Virar section (Except Mangalmhudi – Panchpipliya)	1248
ii	Vadodara – Ahmedabad section	96
(2)	Delhi – Howrah route: 1,146 Rkm	
i.	Chipyana - Tundla - Kanpur - Subedarganj section	563
ii.	Kanpur – Lucknow section	71
iii.	DDU(FOC)-Bhabua Road section (passes through Bihar also)	50
iv.	Sasaram - Pheser section (passes through Bihar also)	43
v.	Gaya -Sarmatarn- Nimiaghat section (passes through Bihar also)	159
vi.	Chota Ambana - Bardhaman – Howrah section	260

- x. In addition, track side Kavach implementation work has been taken up on 21,937 RKM covering all GQ,GD,HDN and identified sections of Indian Railways including sections passing through Bihar.
- xi. The total Progress of key items of Kavach on Indian Railway sections are as under:-

SN	Item	Progress
i	Laying of Optical Fibre Cable	11,253 Km
ii	Installation of Telecom Towers	1,668 Nos.
iii	Station Data Centre	958 station
iv	Installation of Track side equipment	7,721 RKM
v	Provision of Kavach in Loco	6,045 Nos.

- xii. In addition, work for installation of Kavach in 7,435 Locomotives and 1,200 EMU/MEMU has been taken up.
- xiii. Specialized training programmes on Kavach are being conducted at centralized training institutes of Indian Railways to impart training to all concerned officials. By now more than 94,000 technicians, operators and engineers have been trained on Kavach technology. This includes about 57,000 Loco Pilots & Assistant Loco Pilots. Courses have been designed in collaboration with IRISSET.

Punctuality

Punctuality is accorded high priority on Indian Railways (IR) and all possible efforts are made to run trains on time. However, on Indian Railways, several factors affect punctuality which include foggy weather, path constraints/congestion, asset maintenance and other issues, alarm chain pulling, agitations, cattle run over and other unforeseen circumstances.

The overall punctuality of trains on Indian Railways during 2025-26 was more than 77%.

The steps taken to improve punctuality of train services include:

- Regular, continuous and real-time monitoring of punctuality of trains using technological tools and IT systems.
- Use of an integrated digital platform for monitoring of train operations comprising Integrated Coaching Management System (ICMS) and Control Office Application (COA) which are integrated with National Train Enquiry System (NTES).
- Progressive advancement for automatic uptake of timings by the train movement itself, is being achieved through GPS devices fitted locomotives {Real-Time Train Information System (RTIS) and Remote Monitoring and Management of Locomotives and Trains (REMMLOT)} and Data loggers integrated with the station signaling system.

- Data loggers ensure real time and realistic reporting of arrival / departure of passenger trains at stations.
- IR has been replacing conventional coaches (ICF coaches) by modern light weight LHB coaches having state-of-the art technology. The Production units of Indian Railways are producing only LHB coaches from April 2018 onwards. The production of LHB coaches has continually increased during the years and about 50,000 LHB coaches have been turned out since 2014. IR has also been proliferating Vande Bharat, Namo Bharat Rapid Rail and Amrit Bharat trains, for quick acceleration and deceleration.
- To improve punctuality, IR also undertakes rationalisation of time tables. One such exercise, in a scientific manner, was undertaken with the assistance of IIT- Mumbai using their traffic simulator. The exercise also aimed at provisioning of fixed Integrated Maintenance blocks on all sections to minimise detention and improve punctuality.
- New generation High capacity Locomotives are being utilised for Right powering of trains.
- Further, with a view to minimise and mitigate the effect of fog and to assist the Loco Pilots run the train during foggy weather conditions the following steps have been taken by Indian Railways:

(i) GPS based FOG SAFE DEVICE – A Global Positioning System (GPS) based portable 'Fog Safe Device' (FSD) is being provided to Loco Pilots, which displays upcoming critical landmarks such as approaching signal, level crossing gates, permanent speed restrictions etc. in advance during poor visibility conditions like fog. This device is used for safe train operation especially during winter season and to help reduce stress on Loco Pilots while running in poor visibility conditions. Presently, there are 33,624 Fog Safe devices available over Indian Railways.

(ii) Modified Semi-Automatic Stop Signal (MASS) System: MASS has been introduced on the Automatic Signalling territory during abnormal conditions like Fog & Bad Weather impairing visibility. The system helps minimise delay in train operation during foggy weather conditions.

Train operation during fog and poor visibility conditions is an essential component of the training curriculum and the same has already been incorporated in the Transportation Module and Technical Module of the prescribed training syllabus for Loco Pilots (LPs) and Assistant Loco Pilots (ALPs).
