Nº	Name	Portrait	Term of office		Political party (Alliance)	Prime Minister
-	Asaf Ali	3	2 September 1946	14 August 1947		<i>None</i> (Interim govt)
1	John Mathai	000	15 August 1947	22 September 1948		
2	N. Gopalaswami Ayyangar		22 September 1948	13 May 1952	Indian National Congress	
3	Lal Bahadur Shastri		13 May 1952	7 December 1956		Jawaharlal Nehru
4	Jagjivan Ram		7 December 1956	10 April 1962	_	
5	Swaran Singh		10 April 1962	21 September 1963		
6	H. C. Dasappa		21 September 1963	8 June 1964		

7	S. K. Patil	9 June 1964	12 March 1967		Lal Bahadur Shastri Indira Gandhi
8	C. M. Poonacha	13 March 1967 and	14 February 1969		
9	Ram Subhag Singh	14 February 1969	4 November 1969		
10	Panampilli Govinda Menon	4 November 1969	18 February 1970		
11	Gulzarilal Nanda	18 February 1970	17 March 1971		Indira Gandhi
12	K. Hanumanthaiya	18 March 1971	22 July 1972		
13	T. A. Pai	23 July 1972	4 February 1973		
14	Lalit Narayan Mishra	5 February 1973	2 January 1975		
15	Kamalapati Tripathi	11 February 1975	23 March 1977		
16	Madhu Dandavate	26 March 1977	28 July 1979	Janata Party	Morarji Desai
(13)	T. A. Pai	30 July 1979	13 January 1980	Janata Party (Secular)	Charan Singh
17	Kamalapati Tripathi	14 January 1980	12 November 1980	Indian National Congress	Indira Gandhi

18	Kedar Pandey		12 November 1980	14 January 1982		
19	Prakash Chandra Sethi		15 January 1982	2 September 1982		
20	A. B. A. Ghani Khan Choudhury		2 September 1982	31 December 1984		Indira Gandhi Rajiv Gandhi
21	Bansi Lal		31 December 1984	4 June 1986		
22	Mohsina Kidwai		24 June 1986	21 October 1986		Rajiv Gandhi
23	Madhavrao Scindia		22 October 1986	1 December 1989		
24	George Fernandes		5 December 1989	10 November 1990	Janata Dal	V. P. Singh
25	Janeshwar Mishra		21 November 1990	21 June 1991	Samajwadi Janata Party	Chandra Shekhar
26	C. K. Jaffer Sharief		21 June 1991	16 October 1995	Indian National Congress	P. V. Narasimha Rao
27	Ram Vilas Paswan	=113 CUU नः =र्ल 14 00	1 June 1996	19 March 1998	Janata Dal (United Front)	H. D. Deve Gowda I. K. Gujral

28	Nitish Kumar	19 March 1998	5 August 1999	Samata Party (NDA)	
29	Ram Naik	6 August 1999	12 October 1999	Bharatiya Janata Party (NDA)	
30	Mamata Banerjee	13 October 1999	15 March 2001	All India Trinamool Congress (NDA)	Atal Bihari Vajpayee
(28)	Nitish Kumar	20 March 2001	22 May 2004	Janata Dal (United) (NDA)	
31	Lalu Prasad Yadav	23 May 2004	25 May 2009	Rashtriya Janata Dal (UPA)	
(30)	Mamata Banerjee	26 May 2009	19 May 2011	All India Trinamool Congress (UPA)	Manmohan Singh
32	Dinesh Trivedi	12 July 2011	14 March 2012		

33	Mukul Roy		20 March 2012	21 September 2012		
34	C. P. Joshi		22 September 2012	28 October 2012	Indian National Congress (UPA)	
35	Pawan Kumar Bansal		28 October 2012	10 May 2013		
(34)	C. P. Joshi		11 May 2013	16 June 2013		
36	Mallikarjun Kharge		17 June 2013	25 May 2014		
37	D. V. Sadananda Gowda	-	26 May 2014	9 November 2014	Bharatiya Janata Party (NDA)	
38	Suresh Prabhu		10 November 2014	3 September 2017		Narendra Modi



If the office of Minister of Railways is vacant for any length of time, it automatically comes under the charge of the Prime Minister.