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## Updation of Lists of HERITAGE ARTEFACTS of Indian Railways.

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Ref: Dy.Director/Heritage/Rly.Board's L/No.2020/Heritage/ZRHC/Inventory dated.25.06.24 (Attachment-2)

Reference above please find the attached herewith on ARTEFACTS of Eastern Railway including Heritage Gallery at Fairlie Place/Kolkata, Rail Museum at Howrah and Rail Museum at Bolpur.( Attachment-1)

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### 2 attachments



**ER heritage Artefacts.pdf**

6382K









**Updation of Lists of HERITAGE ARTEFACTS of Indian Railways.pdf**

351K




**Artefacts at Heritage Gallery, Fairlie Place**  
**EASTERN RAILWAY, Kolkata**


Sl. No.	Picture	Items/Briefs
1		<p><b>Chair used by Swami Vivekananda</b> - Swami Vivekananda after delivering his historic speech at Chicago, returned by a ship at a jetty near Budge Budge Railway Station on 19th February, 1897. There Swamiji waited for a while for the return train to Sealdah, on this wooden chair.</p>
2		<p><b>Chair used by British Agent.</b></p>



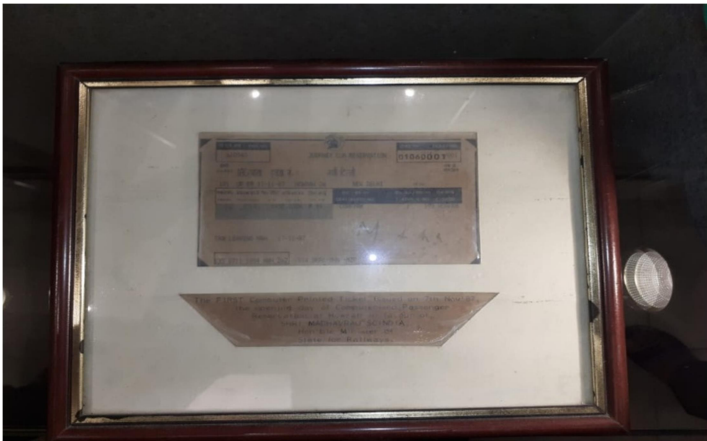
3		<p><b>Crockery used by East Indian Railway Officials.</b></p>
4		<p><b>Logo of East Indian Railway.</b></p>
5		<p><b>Bricks made at the time of East Indian Railway (EIR)</b> - The bricks are collected from Bhadreswar Railway Station Platform No. 3 on November 2018 which made at the time of East Indian Railway.</p>

6		<p><b>Stamp and paper weight used by East Indian Railway Officials.</b></p>
7		<p><b>Nomenclature plate of COWANS SHELTON &amp; Co. Ltd.-</b> This nomenclature plate was affixed to a crane supplied by Cowans Sheldon Co. Ltd, the then leading company in the world in construction of rail and dock cranes, to Liluah Workshop in 1903.</p>
8		<p><b>Locking arrangement in AC Coach.</b></p>

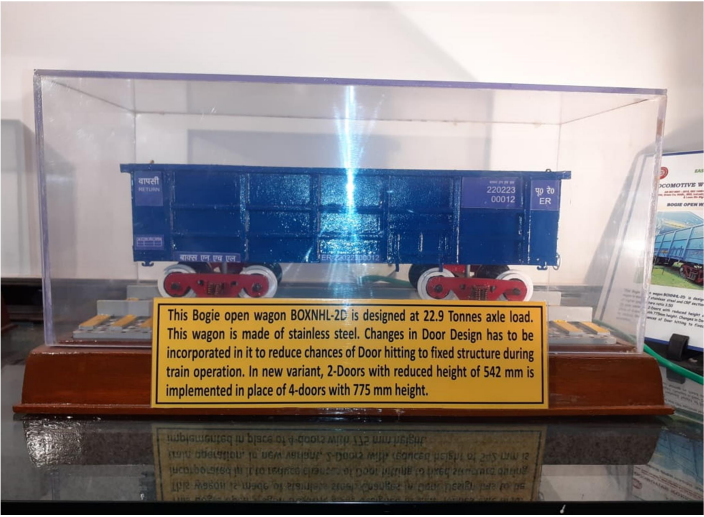




9		<p><b>Model of 3280 KVAR Capacitor Bank at GAYA.</b></p>
10		<p><b>Ventilator cover –</b> Ventilator cover fitted in upper class coaches and inspection carriages in the first half of 20<sup>th</sup> century.</p>
11		<p><b>Spring Driven Pendulum Controlled Clock –</b> Made by John Walker, London. It was used at Asansol Railway station during 1872.</p>




12		<p><b>Unique Attendance Punching Clock-</b> Unique Attendance Punching Clock being used at Liluah workshop of Eastern Railway.</p>
13		<p><b>Ganga Rail Bridge, Patna</b> — The Ganga Rail Bridge, Patna was inaugurated by the then Prime Minister Shri Atal Bihari Bajpayee, dated 3<sup>rd</sup> February 2002.</p>
14		<p><b>Replica of Golghar, Patna.</b></p>

15		<p>Memento given at the time of Centenary celebrations of Howrah Railway Station (1905-2005).</p>
16		<p>Model of 140 tonnes Brake Down Crane.</p>
17		<p>The first computer printed ticket issued on 7<sup>th</sup> Nov. 1987 on the opening day of computerized reservation system at Howrah in favour of the then Hon'ble Minister of State for Railways Shri Madhav Rao Scindia.</p>



18	 <p>This Bogie open wagon BOXNHL-2D is designed at 22.9 Tonnes axle load. This wagon is made of stainless steel. Changes in Door Design has to be incorporated in it to reduce chances of Door hitting to fixed structure during train operation. In new variant, 2-Doors with reduced height of 542 mm is implemented in place of 4-doors with 775 mm height.</p>	<p><b>Replica of BOXNHL-2D 22.9 tonnes axle load wagon</b> - The Bogie open wagon BOXNHL-2D is designed at 22.9 Tonnes axle load. This wagon is made of stainless steel. Changes in Door Design has to be incorporated in it to reduce chances of Door hitting to fixed structure during train operation. In new variant, 2-Doors with reduced height of 542 mm is implemented in place of 4-doors with 775 mm height.</p>
19	 <p>BRN 22.9M1 WAGON is equipped with Bogie Mounted Brake system. It is a modified version of BRN 22.9 wagon for rails, steel products and similar heavy loads. This wagon is fitted with cast steel bogie, HT CBC along with high capacity Draft Gear.</p>	<p><b>Replica of BRN 22.9 M1 wagon</b> – BRN 22.9M1 Wagon is equipped with Bogie Mounted Brake System. It is a modified version of BRN 22.9 wagon for rails, steel products and similar heavy loads. This wagon is fitted with cast steel bogie, HT CBC along with high capacity Draft Gear.</p>
20	 <p>BOGIE TANK WAGON FOR PETROLEUM PRODUCT (BTPN) is designed at 22.9 Tonnes Axle load for transportation of petroleum products like Petrol, Naphtha, Diesel, Kerosene, Black Oil and also used for carrying Molasses and Vegetable Oil. The wagon is made of mild steel to meet the requirement.</p>	<p><b>Replica of BTPN 22.9 tonnes axle load wagon</b> – Bogie Tank Wagon For Petroleum Product (BTPN) is designed at 22.9 Tonnes axle load for transportation of petroleum products like Petrol, Naphtha, Diesel, Kerosene, Black Oil and also used for carrying Molasses and Vegetable Oil. The wagon is made of mild steel to meet the requirement.</p>



21	 <p>A detailed model of a Guard Brake Van (BVCM) is displayed in a glass case. The model is white with red railings and is mounted on a black and yellow striped base. A small yellow label is placed in front of the model.</p> <p>BOGIE BRAKE VAN WAGON (BVCM) is equipped with CASNUB bogie with modified suspension to ensure better ride quality, reduced overhang and hence much lesser propensity of structural distortion of underframe leading to less maintenance. It is also having provision of separate toilet.</p>	<p><b>Replica of BVCM type Guard Brake van –</b> Bogie Brake Van Wagon (BVCM) is equipped with CASNUB bogie with modified suspension to ensure better ride quality, reduced overhang, and hence much lesser propensity of structural distortion of underframe leading to less maintenance. It is also having provision of separate toilet.</p>
22	 <p>A detailed model of a Bogie Open Rapid Discharge Hopper (BOBR) wagon is displayed in a glass case. The model is dark green and is mounted on a wooden base. A small yellow label is placed above the model.</p> <p>Bogie Open Rapid Discharge Hopper (BOBR) wagon is used for transportation of coal with unique bottom discharge facility.</p> <p>BO BR WAGON</p>	<p><b>Replica of BOBR wagon -</b> Bogie Open Rapid Discharge Hopper (BOBR) wagon is used for transportation of coal with unique bottom discharge facility.</p>
23	 <p>A detailed model of a Bogie Open BOX wagon is displayed in a glass case. The model is dark green and is mounted on a wooden base. A small yellow label is placed above the model.</p> <p>BOXN wagon stands for Bogie Open BOX wagon Fitted with Pneumatic Brake System. This type of wagon is used for transportation of iron ores, coal etc.</p> <p>BOX N WAGON</p>	<p><b>Replica of BOX N Wagon -</b> BOXN wagon stands for Bogie Open BOX wagon Fitted with Pneumatic Brake System. This type of wagon is used for transportation of iron ores, coal etc.</p>

24	 <p>The East Indian Railway Company established a Railway Carriage &amp; Wagon Workshop at Howrah in the year 1863. In the year 1900, it was shifted to its present location at Liluah. The workshop was established for undertaking periodic Overhauling of carriage and wagon stock. It is one of the 3 pioneer workshops on Indian Railways.</p> <p>RAJDHANI 1ST AC</p>	<p><b>ICF designed Heritage Rajdhani Express First AC Coach.</b></p>
25	 <p>The bogie covered wagon (BCN) designed at 20.32 tonnes axle load in 1984. The construction of this wagon is purely riveted. This type of wagon is used for transportation of Food grains, Cement, Fertilizer bag etc.</p>	<p><b>Replica of BCN 20.32 tonnes axle loaded wagon</b> - The bogie covered wagon (BCN) designed at 20.32 tonnes axle load in 1984. The construction of this wagon is purely riveted. This type of wagon is used for transportation of Food grains, Cement, Fertilizer bag etc.</p>
26	 <p>Ultrasonic testing is a Non-destructive testing technique to detect defects within the axle without impairing its serviceability. The ultrasonic testing technique is demonstrated here along with the required accessories. To ensure safety and reliability of the Rolling Stock like axle, Railway adopted this technique since long ago.</p>	<p><b>Model of non-destructive ultrasonic testing</b> - Ultrasonic testing is a Non-destructive testing technique to detect defects within the axle without impairing its serviceability. The ultrasonic testing technique is demonstrated here along with the required accessories. To ensure safety and reliability of the Rolling Stock like axle, Railway adopted this technique since long ago.</p>

**ARTEFACT OF RAIL MUSEUM**  
**HOWRAH**

**HALL OF FAME**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	Model Engine No. <b>"HP-119 EIR"</b> , BESA,O&RR standards design Locomotive of 4-6-0 Wheel arrangement HP Class.	1 No.
2.	Model Engine No. <b>"18233 WDM2"</b> Locomotive Diesel Engine 16 Cylinder.	1 No.
3.	Model of 19 <sup>th</sup> Century Double Decker Third Class Carriage Coach No. <b>"EIR-485"</b>	1 No.
4.	Model of Coach Name <b>"Silver Arrow"</b>	1 No.
5.	Model of Air-Condition 1 <sup>st</sup> . Class Coach No. <b>"ER-1022"</b>	1 No.
6.	Model of Cut section of <b>"Vertical Boiler"</b> .	1 No.
7.	Model of Cut section of <b>"Lancashire Boiler"</b> .	1 No.
8.	Model of Cut section of <b>"Fire Tube Boiler"</b> .	1 No.
9.	Model of Cut Section of <b>"double pipe Horizontal Boiler"</b> .	1 No.
10.	Model of <b>"Steam Engine Boiler"</b> .	1 No.
11.	<b>"Wall Flexes"</b> inside the Hall of Fame.	4 Nos.
12.	Model of <b>"Sepai"</b> made with Railway scrap outside of the Hall of Fame.	2 Nos.
13.	Black Beauty EIR, Model Engine No. <b>"7432-WP"</b> . Gauge 5' 6" Makers' No. 7432, Weight 102.4 ton, Wheel arrangement HP Class. 1 No.	1 Nos

**HAMARE YODDHA**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	<b>"Groton Steam Crane No. 301"</b> built by Cowans Sheldon & Co. Ltd. at Carlisle, England in 1923 had capacity 30 tones.	1 No.

**EXHIBITS ON GROUND**

SL.NO.	ITEMS' NAME & NO.	QUANTITY.
1.	<b>"Garrett Road Roller"</b> No. 2486-ASI was manufactured by R.Garret & Sons Ltd. in Leiston Works in the late 19 <sup>th</sup> Century.	1 No.
2.	<b>"Boiler Engine No. 60027"</b> with Lathe machine. this movable Steam Engine was built by Marshall Sons' & Co., Gainsborough. its power was utilized to work the Lathe Machine built by H.W. Ward & Co., Birmingham in 1908.	1 No.
3.	<b>"Hand operated Crane No.619"</b> capacity 01 tone of Loco Unit/Katwa, built by R.C.C. Oldbury S & O in February 1859	1 No.

**HALL OF HERITAGE (MODEL OF HOWRAH STATION).**

SL.NO	ITEMS' NAME & NO.	QUANTITY
1.	<b>"Automatic Signal (RRI)"</b> in idle condition.	1 No.
2.	Model of <b>"Howrah Station"</b> .	1 No.
3.	Old <b>"Gas Lamp"</b> .	1 No.
4.	<b>"Neal's Token Block Instrument"</b> , manufactured Red in1960	1 No.
5.	<b>"Lever frame model"</b>	1 No
6.	<b>"Crests"</b> on the wall of <b>"HALL OF HERITAGE"</b>	12 Nos.
7.	<b>"Wooden blade ceiling fan"</b> of 220/250 volt made by America in the year1930.	1 No.

**SMRITIYAN**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	Original Drawing of <b>"Howrah Station"</b> and photo of the British Architect <b>"Halsey Ricardo"</b> and Original Drawing of the <b>"river side"</b> front elevation of Howrah Station.	2 Nos.
2.	<b>"Grand Cord hill section "</b> Graph	1 No.
3.	East Indian Railway <b>"Map"</b> .	1 No.
4.	<b>"Map"</b> showing the position of the EIR Bridge at Hooghly.	1 No.
5.	<b>"Map"</b> of the Railway Bridge in scale.	1 No.
6.	<b>"Xerox Service Record"</b> of Railway Employee Mr. Edward	3 No.
7.	Guide for free dispatch service <b>"Dak Book"</b> .	1 No.
8.	Old Railway <b>"Time Table"</b> of 1 <sup>st</sup> July 1912.	1 No.
9.	A selection of <b>"buttons"</b> from the uniforms of Railway staffs mostly from pre – Independence era .	9 Nos. buttons.
10.	<b>"Old Badges"</b> ( Porter, Points Man, Gate Man)	3 Nos.
11.	<b>"Old Third Class ordinary Tickets"</b> No. 6809 – 6813 from Kamnara to Burdhaman @ 20 Paise each.	2 Nos.
12.	<b>"Old Seal"</b>	1 No.
13.	<b>"Boards of Philately"</b> on Steam Locomotive, Diesel Locomotive, Electric Locomotive and Metro Railway.	4 Boards.
14.	<b>Time &amp; Fare Table</b> of Darjeeling Himalayan Railway of 2nd July, 1924	1 no.

**VIDYUT**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	Model of <b>"Rajdhani Express with Track"</b> Circuit in idle condition.	1 No.
2.	Model of <b>"Rolled Steel Joist Mast"</b> (RSJ).	1 No.
3.	<b>"Make and Brake Switch"</b> for DC power supply.	1 No.
4.	<b>"Philips Halogen Lamp"</b> 40W. 230V. made in Holland.	1 No.
5.	Model of <b>"WAP-5 Electric Loco Engine"</b> presently used in Rajdhani Express.	1 No.
6.	250W. 32V. Capacity <b>"light"</b> and was connected for Turbo Generator.	1 No.
7.	Roof mounted <b>"Twin"</b> decorative fitting used in <b>"Saloon No. 103"</b> of Governor of West Bengal.	1 No.
8.	<b>"Fan (without blade)"</b> used in the Loco Complex of Kanchrapara Railway Workshop around 1930.	1 No.
9.	Model of <b>"EMU Motor Coach"</b> for Suburban Passenger Service.	1 No.
10.	<b>"Energy Meter"</b> used in DC power supply.	1 No.
11.	Model of two <b>"Track Canti Lever"</b> (TTC).	2 Nos.
12.	<b>"Lantern type Light fittings"</b> used with Kerosene Oil.	1 No.
13.	<b>"High Vacuum Pump"</b> 'Model – IS 50'	1 No.
14.	Two types of <b>"Lamps"</b> used in Saloon between 1950-1960.	2 Nos.
15.	<b>"DC Polarity Detection equipment"</b> .	1 No.
16.	<b>"Fire Alarm"</b> installed in Shop No. 4 of Loco Complex Kanchrapara around 1930.	1 No.
17.	<b>"Lamp prior"</b> is used in 1960	1 No.
18.	<b>"100 Years old Electric unit"</b> .	1 No.
19.	<b>"Meter Armature"</b> winding is on the rotating disc and disc revolves between magnetic pole was used in the DC Power supply.	1 No.
20.	<b>"Flexes"</b> on the walls of Vidyut.	8 Nos.
21.	<b>"Tube light"</b> of 1940	2 Nos.



**DOORSANCHAR**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	Model of "Station Master" with "Telephone".	1 No.
2.	Token Instrument	2 Nos.
3.	Hand Lamp Signal	1 No.
4.	"Signal Indicator".	1 No.
5.	"Kerosene Lit Signal Lamps".	1 No.
6.	"Disc type Shunt Signal"	1 No.
7.	Red and Green Hand "Signal Flags".	2 Nos.
8.	"Disc type Slot Indicator"	2 Nos.
9.	"Semaphore Signal Indicator"	1 No.
10.	Strowger Exchange Selector	1 No.
11.	Oil Lamp	1 No.
12.	Electric Bell	1 No.
13.	Candlestick "Telephone"	1 No.
14.	Hand pick "Telephone"	2 No.
15.	Communication "Telephone"	1 No.
16.	4W/2W Portable Control "Telephone"	1 No.
17.	Emergency Control "Telephone"	1 No.
18.	"Token Balls",	13 Nos.
19.	"Balls Token catcher",	2 Nos.
20.	"Shelf Type Relay",	2 Nos.
21.	"Radio receiver",	1 No.
22.	"Signalling Impulse Unit",	1 No.
23.	"Morse key"	2 Nos.
24.	"Plug-In-type Relay"	2 Nos.
25.	"Morse Sounder"	2 Nos.
26.	"DL type Lever Frame"	1 No.
27.	"Shunt Signal"	1 No.
28.	"Model Engine"	1 No.
29.	"Trap Point Indicator"	1 No.
30.	"Point Indicator"	1 No.
31.	"Stop Signal"	1 No.
32.	"Warner Signal"	1 No.
33.	Certificate	2 nos.
34.	Original plan of Level Crossing gate on 30.05.46	1 no.
35.	John Walker "Pendulum Clock" (UK in 1885)	1 No.
36.	"Meter Armature"	3 Nos.

**VIRASAT.**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	Model of "Coolie" in full uniform.	1 No.
2.	Model of "Chowkidar" in full uniform.	1 No.
3.	Model of "Gang-man" in full uniform.	1 No.

4.	Model of <b>"Level-Crossing Gateman"</b> in full uniform.	1 No.
5.	Model of <b>"Lever-man"</b> in full uniform.	1 No.
6.	Model of <b>"Porter"</b> in full uniform.	1 No.
7.	Model of <b>"Passenger Superintendant"</b> in full uniform.	1 No.
8.	Model of <b>"Station Master"</b> in full uniform.	1 No.

### **HERITAGE PARK**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	<b>"QUENCHING Tank"</b> for heat treatment manufactured in 1908.	1 No.
2.	<b>"Axle Box"</b> Coaching Stock.	1 No.
3.	<b>"Spoke Wheel"</b> for Steam Locomotive.	1 No.
4.	<b>"Plain Bearing Wheel"</b> set Casted by American Car and Foundry Expert Company Berwick P.A. for Bengal Nagpur Railway.	1 No.
5.	<b>'E Class'</b> spoke type <b>"plain Bearing Wheel"</b> set.	1 No.
6.	Plain Bearing <b>"NG Wheel"</b> set.	2 No.
7.	<b>"Laminated Bearing Spring"</b> for Box Wagon.	1 No.
8.	<b>"Laminated Bearing Spring"</b> for tank Wagon.	1 No.
9.	<b>"Laminated Bearing Spring"</b> for Brake Van.	1 No.
10.	<b>"Bolster Spring"</b> for Non AC Coach.	1 No.
11.	<b>"Bolster Spring"</b> for AC Coach.	1 No.
12.	<b>"Axle Box Spring"</b> for Ac Coach.	1 No.
13.	<b>"Axle Box Spring"</b> for Non Ac Coach.	1 No.
14.	<b>"Coach Axle Box"</b> .	1 No.
15.	<b>"Axle Box"</b> UIC Stock.	1 No.
16.	<b>"Screw Coupling &amp; Hook"</b> .	1 No.
17.	Old <b>"Iron Cash Safe"</b> .	1 No.
18.	<b>"SAXBY" – Former point lever</b> (manufactured in 1914).	1 No.
19.	<b>"Weighing Machine"</b> -(manufactured by W & Tavery Ltd. London & Birmingham)	2 Nos.
20.	<b>"Differential Wheel"</b> for NG Power on (Driving Wheel).	1 No.
21.	<b>"NG Steam Locomotive Wheel"</b>	2 Nos.
22.	<b>"Envil &amp; Spike"</b>	1 Set

**NB:- Item No. 1 to 22 are placed at right outside of the Hall of Fame.**

### **Ground**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	<b>"Upper quadrant Semaphore Arm Signal"</b> and with Double wire transmission and Compensated for temperature variation to work Signals up to about 3 KM distance.	1 sets.
2.	<b>"Signal wire transmission (Lower Quadrant)"</b> providing limited range of operation (up to about 100 M. distance)	1 set.
3.	<b>"Adjustable Crank"</b> to increase or decrease stroke / throw of the point mechanism.	1 set.
4.	<b>"Water Bell"</b> inside the ground .	1 No.
5.	<b>'Shrama Shakti'</b> a sculpture made with Railway scrap.	1 No.
6.	<b>"Mast"</b> behind Vidyut.	1 No.
7.	<b>"Trolley Ladder"</b> behind Vidyut.	2 No.
8.	<b>"Water Column"</b> near front fountain.	1 No.
9.	<b>"Hanger for hanging Sand bucket"</b>	1 No.
10.	<b>Coach Axel Box</b>	1 No.
11.	<b>Signal Passenger alert bell</b>	1 No.

**ARTEFACT OF GITANJALI RAIL MUSEUM**  
**BOLPUR**

**Ground floor**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	Photograph with frame at Ground floor	87 nos.
2.	Easy Chair	3 nos.
3.	Round Center table	1 No.
4.	Furnished Saloon Car No. "EIR-2377"	1 No.

**1<sup>st</sup> floor**

SL.NO.	ITEMS' NAME & NO.	QUANTITY
1.	Photograph with frame at 1 <sup>st</sup> floor	379 nos.