

maha-metro CONNECT

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In This Issue

- Maha Metro Awarded as Second Best Exhibitor Award at 15th UMI at Kochi
- 32,000 Maha Cards Sold Digital Payment Gets Boost
- Divisional Commissioner Rides aboard Nagpur Metro
- Events at Nagpur Metro
- MD Maha Metro invited as the chief guest at National Institute of Construction Management
- Pune Metro Conducts Trial Runs on Reach 1 & 2
- Gender Sensitisation Workshop
 Organised by Pune Metro
- Events at Pune Metro
- Employees Corner
- Progress Update

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Maha Metro Awarded as Second Best Exhibitor Award at 15th UMI at Kochi





Maha Metro was awarded second prize in the 'Best Exhibitor' category at the 15th Urban Mobility India (UMI) National Conference held at Kochi, Kerala. The 3-day conference was held from 4 to 6 November. Maha Metro was selected for the award for the various subjects chosen for display and the information disseminated at the stall. The award was declared on the concluding day of the conference.

The theme of the stall was Make in India and accordingly various related issues like information about Make in India Aluminium Body coaches, were on display there. This apart, Maha Metro had depicted its achievements from Nagpur and Pune project, including those related to Property Development (PD), Financial Sustainability, rainwater harvesting.

Other major aspects including MetroNeo

Project, various awards bagged by Maha Metro all these years, Public Outreach activities like Metro Samwaad, were also showcased there. The stall got a good response and a good number of people paid a visit. Metro projects from across the country had put up stalls there. Director (Strategic Planning) Shri Anil Kokate received the award for Maha Metro.

Governor Visited Metro Stall: The Governor of Kerala Hon Arif Mohammad Khan visited the stall on the last day of the meet. The Governor was welcomed by Maha Metro MD Dr Brijesh Dixit. He was briefed about various aspects of the Nagpur and Pune Metro Projects. The overall progress of the two projects and the future plans about the same were also shared with him.

The Hon Governor was also briefed about the country's first Make in India Aluminium body coaches being built, the proposed MetroNeo

Project and other such issues. The various details about Asia's longest multi-layer viaduct, which was constructed by Nagpur Metro were also shared with the Governor. The Hon Governor congratulated Dr Dixit and the entire team for its various progress and achievements.

Metro Ridership on the Rise: MD Dr Dixit addressed one of the Plenary Sessions on the second day of the Conference. Speaking on the occasion, he said that Maha Metro made serious efforts to increase ridership in Nagpur. Many steps like organizing Metro Samwaad, communicating the message of Metro as a safe mode of transport to people were planned and held.

These efforts bore fruits and today Maha Metro commands a respectable ridership, he said. Maha Metro organised more than 200 Metro Samwaad events at various places like schools, colleges, and government and private offices, besides business establishments. The message that Metro train is a safe mode of transport was imbibed on prospective commuters. Such committed efforts ensured that Maha Metro today commands a sizable ridership, he said.

Most importantly, these figures are set to increase in the future and Metro ridership would increase further, he added. While working on ridership, Maha Metro has simultaneously worked on other aspects

like TOD (Transit Oriented Development). Dr Dixit also spoke on the progress achieved by Maha Metro on various fronts.

Urban Affairs Shri Hardeep Singh Puri, while Kerala Chief Minister Shri Pinarayi Vijayan, who was Chief Guest at the event, was present online. The Maha Metro Stall was also inaugurated the same day, by Shri Puri.

Inaugurating the three-day conference, Union Minister Shri Puri spoke about the various aspects of transport and Metro Rail. The `Make in India' concept has been very well received and embraced by the transport sector, the minister said and added that it bodes well for the development of the country.

Speaking on the occasion, Kerala Chief Minister Shri Pinarayi Vijayan welcomed delegates from across the country and hoped that the national meet will go a long way in addressing the transport-related issues of the country. The Hon Chief Minister addressed the gathering through video link.

The annual UMI Conference and Expo is a flagship event held under the aegis of the Ministry of Housing and Urban Affairs, Government of India. The 3-day meet was attended by officers from across the Metro projects across the country. It deliberated on various aspects related to Metro Rail in particular and the transport sector in general.

32,000 Maha Cards Sold

Digital Payment Gets Boost



Maha Metro has always promoted use of digital means for fare payment. It has provided a number of options including mobile app and Maha Card for such means. Maha Card is being extensively bought and used by the commuters of Maha Metro. Till now, 31,886 Maha Cards have been sold. The Card was launched and is being operated in association with State Bank of India (SBI).

On an average, every month roughly 1,800 Maha Cards are sold. Thus, while making travelling easier in the City through its multiple initiatives, Maha Metro has taken a step forward to simplify the very process of travelling. Maha Metro Nagpur has adopted the EMV (Euro Master Visa) smart card based Open loop Automatic Fare Collection (AFC) system which has been implemented across all metro stations in Nagpur.

Maha Card users get 10 % rebate on journey fare. This system has enabled smart card as additional fare media for commuters to pay for the intended travel. Passengers have to just tap their cards on the Automatic Fare Collection (AFC) Gates at metro Stations while boarding and deboarding train to pay their journey fare. The fare is deducted in the process. Maha Card can be bought from any Metro station.

Maha Card and the state of art AFC system ensures fare and transparent revenue collection and settlement. This also avoids frauds and leakages. EMV standard based Smart Card oriented Automatic Fare Collection System (AFC) is an end-to-end solution for the commuters to pay for the travel fares. The state-of-the-art solution is uniquely designed with the demand of revenue services and keeping in mind the modern transit operation.

Some of the main features of MAHA CARD are:-

- a. Easy payment by tapping at Metro stations.
- b. Highly secured Chip based dual interface (contact and contactless) smart card.
- c. Dip and swipe interface.
- d. Compatible for web and mobile based transactions
- e. Personalized card on proven EMV (Europay, Master, Visa, Rupay) platform.

The Maha Card and AFC System, which have been embraced by Maha Metro Nagpur have not just made commuting simpler, but have also ensured that Metro train ride becomes hassle-free for every passenger.



Divisional Commissioner Rides aboard Nagpur Metro.

Nagpur Metro Offers Safe and Comfortable Journey

Divisional Commissioner, Nagpur Division Smt Vijayalakshmi Bidari traveled by metro. Smt Bidari traveled on the scenic Aqua Line between Sitabuldi Interchange and Lokmanya Nagar. Nagpur Metro Rail Project is a milestone for the city and citizens should use it, said Smt Bidari.

During the Metro ride the Divisional Commissioner was briefed about the progress achieved by Maha Metro since its inception. She said that Nagpur Metro service is environment friendly, safe and clean. The Divisional Commissioner appealed to citizens of Nagpur to travel by Metro to not just reduce road accidents and also prevent pollution.

Nagpur Metro offers pleasant and the safest journey, she said. Metro ticket prices are affordable for all common people. The most important thing is that citizens can reach metro station from any part of the city through feeder service. International standard infrastructure is available in the city today in the form of Metro.

"I have traveled in Metro trains across the world and Nagpur Metro is comparable with the best services across the globe," the Divisional Commissioner said. It is a matter of pride for all of us to have such services in Nagpur, Smt Bidari added.



Events at Nagpur Metro

Awareness & Ridership

Metro Samwad at G.H. Raisoni College of Engineering

Youth are the future of tomorrow and the role of youth in Nation-building is very important. In order to create awareness about "Green" Metro, Metro Samwad was organised for the students of G.H. Raisoni College of Engineering followed by a Slow Cycling race. Around 250 students attended the Metro Samwad and around 80 students participated in slow cycling race. The moments were cherished by not only the students but also by the Faculty members who were present there.











Toy Donation Camp

On account of Children's Day, toy donation camp was organised from 7th of November 2022 to 13th of November 2022 at prominent Metro Stations. This activity received very good response. All the donated toys were handed over to two schools under Chitnavis Trust viz. Sonutai Agnihotri Karna Badhir Niwasi School and Kalyan Muk Badhir Vidyalaya on Children's Day.







NGOs under Chitnavis Trust exhibited stalls at Sitabuldi Interchange Metro Station on 26th and 27th of November 2022. Stalls included various items which are used in kitchen, household cleaning, gardening and also handicraft items, books etc. The stalls received a very good response from the commuters.









During the month, students & teachers from following schools and colleges had a first-hand experience of Metro travel:

- i. Hislop College, Nagpur (54 students)
- ii. Chitnavis Trust (Project Akshar) (40 students) along with their teachers
- iii. Govardhan Singh Bhadoriya school, Besur (50 students & 3 teachers)
- iv. Samarth Ramdas High school and Jr. college Aroli (350 students and teachers)
- v. Savitri Bai Phule Vidyalaya Fetri (102 students along with their teacher)
- vi. Zilla Parishad primary school Rajgruhnagar (55 students along with their teacher)
- vii. Matoshri Laxmibai Kamnapure Vidyalaya Hingna (52 students)
- viii. Mankar Adarsh Vidyalay School Kalmeshwar (36 students along with 4 teachers)
- ix. Government college of Engineering, Nagpur (60 students)
- x. Husamiah Urdu primary school Itwari (60 students & teachers)
- xi. VARDAAN group (Indian association for promotion of adoption & child welfare) (40 students & teachers)

- xii. Chintamani institute of science Pusad (92 students & teachers)
- xiii. Sadabai Raisoni women's college (39 students & 2 teachers)
- xiv. Central India College of Pharmacy (43 students)
- xv. Zilha Parishad Mohagaon, Buttibori (30 students & teachers)
- xvi. Z.P. School Pavangaon (64 students & teacher
- xvii. Nagar Parishad Primary School, Shendurjanaghat, Ta. Warud, Dist. Amravati (59 students & 11 teachers)
- xviii. Shriram Primary School, Amravati (71 students and teachers)
- xix. Rotary club (75 students and teachers)
- xx. Eklavya Vidyalay, Chimur (55 students and teachers)
- xxi. Yashoda Girls Arts & Commerce college (59 students and teachers)



MD Maha Metro invited as the chief guest at National Institute of Construction Management

Dr. Brijesh Dixit, MD Maha Metro was invited as the chief guest at the graduation ceremony of National Institute of Construction Management (NICMAR), Pune on 11th Nov 2022. Accompanying him were Shri. Ajit Gulabchand, Chief Trustee, NICMAR and Shri. Anil Kashyap, Director General, NICMAR. On this occasion Dr. Brijesh Dixit guided the students.

Stressing on the importance of Project Management Dr. Dixit said, "In India while executing the infrastructure project, the project management tools are very important for completing project on time and within allocated budget. Also, Large scale digitization and use of IT has become mandatory in project management/ construction management. By using IT, it is possible to make a digital 3D model of the entire project and monitor the project very effectively. The use of 5D BIM (Five Dimensional Building Information Modeling) technology while implementing the Pune and Nagpur projects has made it possible to implement the project effectively. Given the target to achieve high growth rates in upcoming decade, there will are large investment in the infrastructure sector and there will be large scale employment opportunities in the field of construction management, project management. Graduates from NICMAR will have ample opportunity to work and contribute to this changing India."

NICMAR institute conducts postgraduate courses in Construction Management and is one of the prestigious institute in the project management and infrastructure field. Maha Metro has always been closely associated with educational institutes. Many construction management students have already learned about the technical aspects of project of such a big scale through site visits and internships. Also, over 300 engineering college students have done internship in Pune Metro along with regular site visits for educational purpose.



Pune Metro Conducts Trial Runs on Reach 1 & 2

I. Garware Station to Civil Court Interchange Station

Pune Metro successfully conducted Train trial run from Garware College Metro Station to Civil Court Metro Station on 25th November 2022. The Metro train trail run was conducted in afternoon from Garware college station and after crossing Deccan Station, Chhatrapati Sambhaji Udyan Station, and Pune Municipal Corporation Station (PMC), train reached Civil Court Metro Station at 3.10 PM. Civil Court metro station is the interchange station where both the lines of the Pune Metro will meet. The length of this trial run route was 2.74 KM.

Director (Works) and Director (Systems & Operations) along with concerned HODs and GC counterparts were present during the trial run.

II. Range Hill Car Depot to Range Hill Metro Station

Another Trail run was successfully conducted from Range Hill Car Depot to Range Hill Metro Station on 29th November 2022. The metro train left the Range Hill Car Depot and covering 1 KM distance, it reached Range Hill metro station. Further trial runs will be conducted from Range Hill depot to Shivaji Nagar underground metro station and this will be extended up to Civil Court metro station.

All the departments were working round the clock for these tests. In the next few days, more trial runs will be conducted to check and inspect the working of all allied systems.

It needs to be taken into account that once trail run is successfully completed, CMRS inspection would be conducted for obtaining clearance for opening of the sections for commuters.



Gender Sensitisation Workshop Organised by Pune Metro

A workshop covering the gender equality, POSH (Prevention of Sexual Harassment at Workplace) and Reporting complaints and mechanism for grievance redressal was organized at Civil Court Office conference hall on 18th Nov.2022.

The event was organised, where by Female employees from Maha Metro, GC and Great Wall were invited and briefed about the above topic. M/s CYDA took the lead to guide where by 4 no. authorised personnel from CYDA conducted the workshop.

The Workshop was organised from 10 am to 5 pm, where by various group discussions and Poster presentations were organised. The general queries of present ladies and gents employees were addressed by present officials from CYDA subject matter specialists.

The first session was towards motivating the thought process of participants about what are the gender norms, how society looks towards gender role and how it leads to discrimination. All staff members actively participated in group activity and presented their opinions. It was followed by

the discussion focused on the gender perspective particularly on gender-based differences in status and power. The discussion on the gender concepts has been facilitated by trainers which was not limited to male and female but also covered the LGBTQ+ community.

The second session of the workshop created the awarenessabout "Prevention of Sexual Harassment at workplace, 2013 Act. The discussion on Vishakha guidelines and various provisions of POSH were discussed with examples. It included the historic background of the act and how it will help women to get safety measures. Documentary film shown in the workshop to sensitize participants about serious issues of sexual exploitation of women at workplace and what woman need to do in such situation.

How can we create the safe and positive environment at work place was discussed along with roles & responsibilities of ICC members, how to lodge a complaint (POSH committee). The workshop ended with the encouraging closing words from Mr. Suresh Kumar, PD GC, Pune Metro.





Events at Pune Metro

Enhancing Awareness & Ridership through MMI **Activities**

Many educational institutes honoured the invitation to visit Pune Metro for the educational and experiential 'Metro Samvad', especially on the occasion of the 'Children's Day'.

We had 44 nos. of 'Metro Samvad' with mostly the educational institutions including 22 nos. of Schools, 18 nos. of professional colleges and 4 nos. of Citizen **Engagement Programs**

We were able to invite and induce close to 14,000 nos. of citizens in all in about 25 working days.

Woman's NGO

Rajmatha Mahila Ladies Group -Baramati & Nasik

Our station Brand Ambassador of Sant Tukaram Nagar Metro Station, Mr. Abhay Bhor had invited and organized the 'Award Ceremony' for this woman's group from Baramati & Nashik cities totalling to 150 ladies to celebrate their event on-board the station followed by train ride.





'Children's Day' Celebrations

on November 14, 2022.

We had 11 schools with over 2200 students and around 300 nos. of parents of the school children celebrating the 'Children's Day' on-board the metro





Under-privileged Student's

privileged tour of Pune Metro -Sponsored by the Lion Club

The Lion's Club of Pune Pearl had brought-in 400 nos. of under-privileged children from two different schools to celebrate their very own day 'Children's Day' on-board the metro station, followed by a fun filled metro train ride too. The children were so thrilled to experience the Pune Metro.



'Celebration on Wheels' - Birthday

We had one family from Pune city who had celebrated birthday with around 100 invitees on-board the Metro Train. The total tickets issued were 667 nos. for this event of 'Celebrations on Wheel'.

We also had a 'Celebration on Wheel's' by senior management team of HDFC Bank on-board the Metro Station and the Metro Train. The total tickets issued were 667 nos. for this event as well.





Army's Day Out with Pune Metro

・ V RIDE

We had 150 nos. of family members of the Army Jawans together from the Ammunition Depot, Dehu Road to celebrate their day along with their Captain.



माझी मेट्रो

A Story of Delightful Journey



Few days ago my maternal grandmother once whispered that she wanted to experience the Metro Rail journey of Nagpur. It was an exciting and overwhelming experience of fulfilling this wish of a senior citizen (aged-94) who is also my beloved grandmother.

As decided and as per my grandmother's convenience, a brief metro journey was scheduled on Sunday (20.11.2022) at noon. She had a lot of concerns as to how she will reach the coach, after reaching the coach, will she be able to enter the coach as the doors to the metro open for a short time and it is also really crowded. But all her worries and doubts were completely transformed into delight and happiness. Nagpur metro once again proved that its infrastructure and facilities are world class and highly user friendly especially for senior citizens and differently abled persons.

On reaching the Ajni metro station, she was provided with a wheelchair from our vehicle in the parking slot and stayed with us for her entire journey. The station was on the 1st floor which was accessible with a dedicated elevator designed to accommodate wheelchairs, other passengers as well as bicycles.

The courteous metro station facility staff (SFS) helped us to reach the metro coach directly. By this point we understood that the infrastructure and facilities of Nagpur Metro are user friendly and are meticulously planned and executed keeping in mind the needs of senior citizens and differently abled passengers.

As we boarded the metro, my grandmother's joy knew no bounds. She was so happy to see everything around. She constantly kept praising the infrastructure and state of the art facilities of Nagpur Metro and she also mentioned that she felt she was in Europe and not in India at all..! It was an out of the world and mesmerising experience for her.

While on board, during the entire journey we were accompanied by one of the support staff Ms. Prachi Tiwari-SFS for my grandmother's benefit. The journey route was Ajni-Sitabuldi interchange-Lokmanya Nagar and back to Ajni. The stretch of aqua line passing through Ambazari lake area was the most exciting and spectacular part of the journey for her. While on the return journey a setting sun bid us adieu for the day. The panoramic view of Nagpur city made her smile. Her joyous and cheerful face certifies the restless efforts of Engineers of Maha Metro. Each and every station has its unique design, architecture and look. Every now and then she was complimenting the facilities and robust structures of the Nagpur Metro. The journey ended at Ajni metro station. The wheelchair pushed by Ms. Tiwari dropped her to our vehicle in the parking slot.

My Grandmother expresses her gratitude to Mr. Piyush Srivastava-A.M.(Ops), Mr. Vaibhav Kale – Station Controller – Ajni and Ms. Prachi Tiwari – SFS for all the co-operation and courtesies extended.

Niteesh Chaudhary

SS-Finance



International Toilet Museum



Yes, you read it right!! The International Toilet Museum located New Delhi is a unique of its kind as it is dedicated to toilets and comprises toilet seats and things related to it from 50 countries across the globe.

This Museum has a rare collection of facts, pictures and objects detailing the historic evolution of toilets from 2500 BC to date. It provides a chronological account of developments relating to technology, toilet related social customs, toilet etiquettes, prevailing sanitary conditions and legislative efforts of different times. It has an extensive display of privies, chamber pots, toilet furniture, bidets and water closets in use from 1145 AD to the modern times. It also has a rare collection of beautiful poems related to toilet, their usage.

The Sulabh International Museum of toilets is the brain-child of Dr. Bindeshwar Pathak who is the Founder of the organisation and is a world renowned Social activist & Founder of Sulabh Sanitation and Social Reform Movement. He received a great deal of national and international recognition for his work, including the Stockholm Water Prize in 2009. His painstaking efforts for marshalling even the minutest details about the development of toilet system in the world led to the establishment of this unique museum in 1992 in New Delhi. The exhibits, so collected, have been meticulously displayed chronologically. Thus, it showcases the development of toilet system of last five thousand years from the third millennium B.C. to the end of the 20th century.

The pictures displayed in the Museum make one aware of how the world looked like when societies did not have the benefit of water closets (W.C.) and the changes that have been brought about by its invention. Ornately carved and painted urinals



and commodes attract attention and are a source of amusement to many. The models and pictures of medieval commodes are noteworthy. There is also a replica of medieval mobile commode in the shape of a treasure chest, which the English used while camping out for a hunt. One could imagine the shock registered by some unsuspecting highway robbers, if they made away with such 'treasure chests', thinking it to be containing something absolutely costly inside. The Museum also displays how the Roman emperors used to have toilet pots made of gold and silver. The Museum has a rare record of the flush pot devised in 1596 by Sir John Harrington, a courtier during the reign of Queen Elizabeth I. The Museum displays sewerage system of the Harappan Civilization dating back to 2,500 BC and maintains a detailed record of how modern toilet pans have emerged over a period of time.

The Museum has a stock of interesting anecdotes and facts associated with the development of toilets. Tracing the history of toilets from the Indus Valley Civilisation in Lothal, 62 km from the city of Ahmedabad, India where a highly developed drainage system existed, the Museum also documents facts relating to the countries in Europe where most of the early technological developments in the evolution of toilets took place. The Museum has over the years proved to be a source of inspiration and a unique Centre for raising awareness towards proper sanitation and toilets around the world.

S G Rao DGM Commercial ED (0p) Office



PROGRESS UPDATE

As on 30th November, 2022



| NAGPUR METRO | | | |
|--------------|---------------------------------------|----------|--|
| Sr.No. | Stretch | Progress | |
| 1 | Khapri to Sitabuldi | 100% | |
| 2 | Lokmanya Nagar to Sitabuldi | 100% | |
| 3 | Sitabuldi to Kasturchand Park | 100% | |
| 4 | Kasturchand Park to Automotive Sq. | 100% | |
| 5 | Sitabuldi to Prajapati Sq. | 100% | |

| Pune METRO | | |
|------------|---|----------|
| Sr.No. | Stretch | Progress |
| 1 | Reach 1 (PCMC to Phugewadi) (Priority Section – 1) (E) | 100% |
| 2 | Reach 2 (Vanaz to Garware) (Priority Section – 2) (E) | 100% |
| 3 | Reach 1 (Phugewadi to Civil Court) (E & UG) | 92% |
| 4 | Reach 2 (Garware to Civil Court) (E) | 92% |
| 5 | Reach 3 (Civil Court to Ramwadi) (E) | 85% |
| 6 | Reach 4 (Civil Court to Swargate (UG) | 50% |

METRO NEW JOINEES

30th November, 2022



NAGPUR METRO

Ankur Gorde

Junior Engineer (Electrical) NMML - 1

Sarang Sisode

Junior Engineer (Electrical) NMML - 1

Ashish Wararkar

Junior Engineer (Electrical) NMML - 1

Prafull Kohale

Junior Engineer (S & T)

PUNE METRO

Suiata Uskewar

Sr. Section Engineer (Trac.)

Kaushik Patel

Section Engineer (Mech.)

Akash Parsewar

Section Engineer (Elect.)

Mahima More

Junior Engineer (Electronics)

Umesh Kulkarni

Junior Engineer (Mechanical)

Bharat Nimje

Junior Engineer (Electrical)

Shubham Kadam

Junior Engineer (Electrical)

Amol Gambhire

Junior Engineer (Civil)

Pooja Kolhe

Junior Engineer (Electrical)

Priva Deshmukh

Section Engineer (Elect.)

Pranit Tembe

Section Engineer (Elect.)

Akshay Lavhale Section Engineer (Elect.)

Bhushan Kulkarni

Junior Engineer (Electrical)

Shubham Tatar

Junior Engineer (Mechanical)

Hrishikesh Jadhav

Section Engineer (Elect.)

Pritam Mahajan

Junior Engineer (Electrical)

Vaibhav Nakat

Junior Engineer (Mechanical)

Ankush Vaidya

Technician (Electrical)

SOCIAL MEDIA ENGAGEMENT



Social media engagement of Pune & Nagpur Metro far exceeds its other counterparts in the country.

Pure testimony of 'Maazi Metro'



NAGPUR METRO

महा मेट्रो

NAGPUR METRO

Average acquisition of FB followers per month

7.674









Average acquisition of FB followers per month

6,07,888

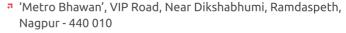




37,093 8,562 (3,294,134

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For inputs & suggestions, please write to cs@mahametro.org



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