

Maturi Venkata Subba Rao (MVSR) Engineering College

Department of Civil Engineering

Metro Visit Report on 07.09.2019

B.E 3/4 II Semsister students of M.V.S.R.Engineering college went on technical visit to L&T Hyderabad Metro on 07-09-2019 along with four faculty ,Dr C.S.V.S Kumar,sri S.Ramesh kumar ,Dr A.Manjunath and sri T.Aditya .

They reached Hyderabad metro rail depot, uppal by 10 AM ,60 students are reported and went to presentation hall Sarika madam gave a presentation on metro rail which is about 1 hour and then move to model room where students observed how metro rail works different components which is about 45 minutes time and then move to control room where students observed how rail movements,track system ,control system etc And then students and faculty take their tea and water finally group photo with metro staff

- the Metro Rail System has proven to be most efficient in terms of energy consumption, space occupancy and numbers transported.
- High-capacity carriers – very high volumes of peak hour peak direction trips.
- Eco-friendly – causes no air pollution, much less sound pollution.
- Low energy consumption – 20% per passenger km in comparison to road-based systems.
- Greater traffic capacity – carries as much traffic as 7 lanes of bus traffic or 24 lanes of car traffic (either way).
- Very low ground space occupation – 2 meter width only for elevated rail.
- Faster – reduces journey time by 50% to 75%.
- Transportation in a metro city is a major issue for the Government of Telangana, and Hyderabad is not an exception to this rule. Keeping this in view, the Hyderabad Metro Rail is being developed as one of the largest modern transport systems in the world based upon the PPP model.
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- Forecasting the requirements of ensuring a well-modulated transport system, the Government of India has in its futuristic reform document focused upon a strategy that would promote fast- paced growth that would bring about equitable and sustainable improvements in the overall living standards of the citizens.
- idea behind the concept of Metro Rail is to make sure commuters reach on time to work and not delayed on account of lack of rapid transport. Growing urbanisations has led to innumerable problems for commuters who are delayed on account of traffic jams. Metro Rail will allow them to bypass these traffic congestion barriers.

The driving force for conceptualizing Metro Rail in Hyderabad is on account of a dire need for an eco-friendly, solid and quick transport that would withstand the growing demands of an urban city like Hyderabad which is on the way of becoming a popular global destination.



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