

## Embarking on Uncharted Routes!

*A Fresher's Glimpse of Transportation Engineering Research at IIT Hyderabad*



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As I take my first steps into the world of Transportation Engineering at the IITH, I am filled with a sense of excitement and anticipation. It's not just about textbooks and lectures; it's about a journey filled with discoveries, challenges, and new friendships. In this article, I want to share my personal experience as a new MTech student at IITH about transportation research and education at IITH.

First and foremost, I want to mention about the faculty with diverse expertise within the Transportation division, namely Dr Digvijay S Pawar, Dr Ramya Sri Mullapudi, and Dr Suvin P Venthuruthiyil. Our faculty members are not only super smart but also young and full of energy, and that makes it easy for us to connect with them.



One of the best parts here at IITH has been the state-of-the-art laboratories. The Traffic Engineering and Pavement Engineering labs are equipped with cutting-edge instruments and software for hands-on analysis and modelling. As freshers, we can expect to engage with advanced equipment and cutting-edge software, gaining practical experience in analyzing, modeling, and designing transportation systems. The division's commitment to continuous improvement means that these labs are constantly evolving to incorporate the latest instruments and software, providing us with an immersive learning environment.



I have also observed that, beyond physical infrastructure, the department thrives on collaboration. Interdisciplinary interactions with experts from fields such as Electrical, Computer science, etc., can amplify research's impact.

What sets IITH apart is its commitment to bridging the academia-industry gap. As a fresh Postgraduate student, this is particularly intriguing. The research conducted here isn't confined to academic realms but extends into the real world. Students are encouraged to work on projects that have practical implications, collaborating with industry partners to develop solutions.

*But it's not all work and no play here. IITH has fantastic sports facilities too and a gym to keep us fit and unwind after a day of studying and research. On the first day of our college, our faculty encouraged us to actively participate in sports and games. Currently, I am actively involved in playing basketball. I'm especially eager for the opening of the new sports complex.*

As a fresh Postgraduate student, I'm super excited about the future! We're going to see more smart cities, self-driving cars, and eco-friendly transportation. IITH is the perfect place to learn about all this and make a real difference.

After joining the Transportation family at IITH, for me, traffic isn't just congestion but a puzzle waiting to be solved; roads aren't just asphalt but pathways to sustainability and efficiency.

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