

CURRICULUM VITAE

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SPECIALIZATION

- Transportation and Highway Engineering.

RESEARCH INTERESTS

- Traffic flow modelling, sustainable transportation, ITS, simulation and GIS in transportation.

ACADEMIC CREDENTIALS

Course	Board/ University	Institute	Year	Marks
Ph.D	IIT Madras, Chennai	IIT Madras, Chennai	2022-Present	
M.Tech (Transportation Engg.)	Punjab Engineering College (PEC), Chandigarh	Punjab Engineering College (PEC), Chandigarh	2019-21	8.34 CGPA
B.Tech (Civil Engg.)	IUST, Awantipora, J&K	IUST, Awantipora, J&K	2013-17	88%
12Th	JKBOSE	SP Higher Secondary School Srinagar, J&K	2012	88%
10Th	JKBOSE	MTI Tral, Pulwama, J&K	2010	95%

ACADEMIC PROJECTS

- **M.Tech Thesis: “Travel Time and Congestion Analysis in Heterogeneous Traffic Mixes”.**
(Sep 2016 – Aug 2017)

In this study, different types of traffic data were collected from the field and analyzed to find out the level of service and congestion on a road stretch in Chandigarh. The data was used to quantify congestion and propose some mitigation measures for the city.

➤ **B.Tech Project: “Dynamic Isolation of a Building Using Low Cost Bearings Using Scrap Tyres”. (Aug 2020 – Jul 2017)**

In this study, low cost rubber bearings from scrap tyres were designed which were then used to effectively mitigate the vibrations induced in a structure due to seismic activity. The project was sponsored by Design and Innovation Centre (DIC) at IUST under MHRD Govt. of India.

INTERSHIP/CERTIFICATION

- Worked as an intern in ERA (Economic Reconstruction Agency) on the project titled “Construction of Flyover from Bikram Chowk to Satwari” in Jammu, J&K.
- Certification in AutoCAD, REVIT Architecture, Staad Pro and Microsoft Excel.
- Qualified GATE 2017, 2018, 2019 and 2021.

EXTRA-CURRICULAR ACTIVITIES

- Attended various workshops and webinars on different topics like road safety, self-development, research and development etc.
- Participated in various quiz competitions.

PERSONAL STRENGTHS

- Good problem solving and analytical skills.
- Field data collection and research skills.
- Good innovative and communication skills.
- Highly self-motivated and dedicated towards work.
- Curious to learn new things.

HOBBIES AND INTERESTS

- Travelling, trekking and exploring nature.
- Photography.
- Sky Gazing.

LANGUAGES

- English, Urdu, Hindi and Kashmiri.