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PTV VISSIM 2025 Training

January 2-3, 2025

Training Course: Introduction to microscopic traffic simulation using PTV Vissim

SHORT DESCRIPTION	COURSE CONTENT	Target Groups
<p>During the two-day course you will be introduced to microscopic traffic flow simulation with PTV Vissim. You will get to know the extensive functions of PTV Vissim and learn the application using practical examples.</p> <p>In our introductory day, you will learn the basic functionality of PTV Vissim. At the end of the day, you will be able to build small network models independently and perform initial evaluations</p> <p>On the second day, you will learn how to conduct high quality traffic studies much for efficiently using the microscopic simulation software PTV Vissim. You will get to know how the different calibrations of a traffic model are carried out and which factors must be considered.</p>	<p>Day 1</p> <ul style="list-style-type: none"> ▪ Objectives and tasks of microscopic simulations ▪ Driving behavior parameters as per local conditions ▪ Modelling of the transport supply side on the open road and at intersections (priority rules and signal control) ▪ Modelling of the traffic demand with input flows and routes <p>Day 2</p> <ul style="list-style-type: none"> ▪ Overview of public transport line modelling ▪ Parking Modelling in PTV Vissim ▪ Fixed time signal controls ▪ Overview of the empirical data which can be used for calibration ▪ Evaluations of a transport model 	<p>PTV Vissim beginners as well as traffic engineers/transport planner/researchers who want to work on their projects at state-of-the-art level and efficiency</p> <p>PREREQUISITES No Prerequisites</p> <p>Training mode ONLINE</p>

Booking information


www.unitrans.in

mail: ptvsupportindia@unitrans.in

Vissim forum & learning videos

 <http://ptv.to/vissim-user-forum>

 <http://ptv.to/youtube-playlists>

 <http://ptv.to/webinar>



Know your Trainer

Manraj Singh Bains

Director, Unitrans Mobility Solutions

B.Tech (Hons) Civil, MSc Transport planning and engineering

PTV Certified Trainer

Expertise: Traffic Simulation and Transport Demand Modelling Expert

Countries of work experience: India, UAE, Mauritius, New Zealand, Senegal, Australia, Bahrain, Jordan, Nepal, Bangladesh, Qatar, Bangladesh, Bhutan, UK



Manraj Singh Bains is a Traffic and Transportation Consultant with more than 11 years of experience in working in numerous industries as well as research projects related to transport planning and traffic engineering in Indian and across the world. Mr. Bains has core expertise in passenger and freight travel demand modelling traffic and traffic and pedestrian's micro simulation modelling.

His experience covers variety of projects ranging from comprehensive mobility plans, public transport operational modelling, traffic impact assessment studies, freight travel demand modelling, signal coordination and optimization, to multi modal integration studies, metro station and railway station level of service and evacuation studies for pedestrians, and traffic impact assessment studies. His research works are published in established journals including Transportation Research Record.

Mr. Bains is also a PTV Vision Certified trainer for PTV VISSIM, PTV VISUM, PTV VISWALK and PTV VISTRO for micro simulation and travel demand modelling software's for over 10 years. He has keen interest in research initiatives related to application of new technologies and methods in transport modelling.

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