



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)

www.mits.ac.in



Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2021 - Band: 201-250 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH), MBA & MCA

Report

on

Guest Lecture on

“My Story – Motivational Session by a Start-up Founder”

Organized on

26th November 2022

Submitted by: Dr. Swapneel Jaiswal, Sr. Assistant Professor, Department of Civil Engineering, Madanapalle Institute of Technology & Science

Guest Lecture on

“My Story - Motivational Session by a Start-up founder”

Organized by Department of Civil Engineering

in collaboration with IIC



DATE
26.11.2022

Resource Person

Mr. Amit Singh Baghel

Director VERCOS Pvt Ltd, Lucknow

Date and Time

26th November 2022 & 10 AM



Chief Patron
Dr. N. Vijaya Bhaskar Choudary
Secretary & Correspondent

Patron
Mrs. N. Keerthi
Executive Director

Program Chair
Dr. C. Yuvaraj
Principal

Co-Chair
Dr. Dipankar Roy
Prof & Head

Coordinators
Dr. Swapneel Jaiswal
Sr. Assistant Professor, Civil

Ms. Lipsa Mishra
Assistant Professor, Civil



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ESTD: 1998

Organized in association with: Department of Civil Engineering, MITS Innovation Cell

Dignitaries present:

Mr. Amit Singh Baghel, Director, Vernacular Consultancy Services (VERCOS) Pvt. Ltd., Lucknow (Chief Guest)

Dr. Dipankar Roy, Professor & Head, Department of Civil Engineering, Madanapalle Institute of Technology & Science, Madanapalle

Dr. D. Jagadeesan, Professor & IIC Coordinator, Madanapalle Institute of Technology & Science, Madanapalle

Resource Persons: The speaker Mr. Amit Singh Baghel, Director, Vernacular Consultancy Services (VERCOS) Pvt. Ltd., Lucknow. He is an Architect Planner with Masters in Planning from School of Planning and Architecture (SPA), New Delhi. He has total experience of 13+ years in various Indian and Multinational companies such as RITES limited, Gurgaon, ICRA, New Delhi. Currently, he is the Director of his own Lucknow based Startup Company “Vernacular Consultancy Services (VERCOS) Pvt. Ltd.”

Objective of the course

This Session was focused on the challenges and opportunities that come in the way of entrepreneurship and what can be the possible ways to overcome these challenges. The session was useful for civil engineering students who wants to peruse their career in transportation engineering and planning.

Program details

The Department of Civil Engineering, MITS in coordination with the Institution’s Innovation Cell, have organised a Guest lecture on “My Story – Motivational Session by a Start-up Founder” on 26th November 2022 from 10:00 am to 12:00 pm.

The online event was started with the welcome speech by Dr. Swapneel Jaiswal and Ms. Lipsa Mishra followed by Dr. Dipankar Roy, Dr. P. Ramanathan at 10:00 am followed by the session of resource person. There was good response with nearly 97 participants from Department of Civil Engineering, MITS Madanapalle. Few professionals are also showed their interest and attended this session from various companies in India. The lecture session was supported by the respected management of MITS, Madanapalle, the Institution’s Innovation Cell. The session maintained the expected quality from the resource persons, and were open to discuss and reply to the queries of the participants. At 12:00 pm, the session was concluded and followed by vote of thanks given by Dr. Swapneel Jaiswal, Sr. Assistant Professor, Department of Civil Engineering and Ms. Lipsa Mishra, Asst. Prof, Department of Civil Engineering

We thanks the MITS institution and management, Principal MITS, Institution’s Innovation Cell for their continuous support to make this event a success.

Topics covered

- What are the challenges an entrepreneur can face while starting and start-up.
- What are the opportunities an entrepreneur can have in start-up.
- What are the possible solutions to overcome the challenges.

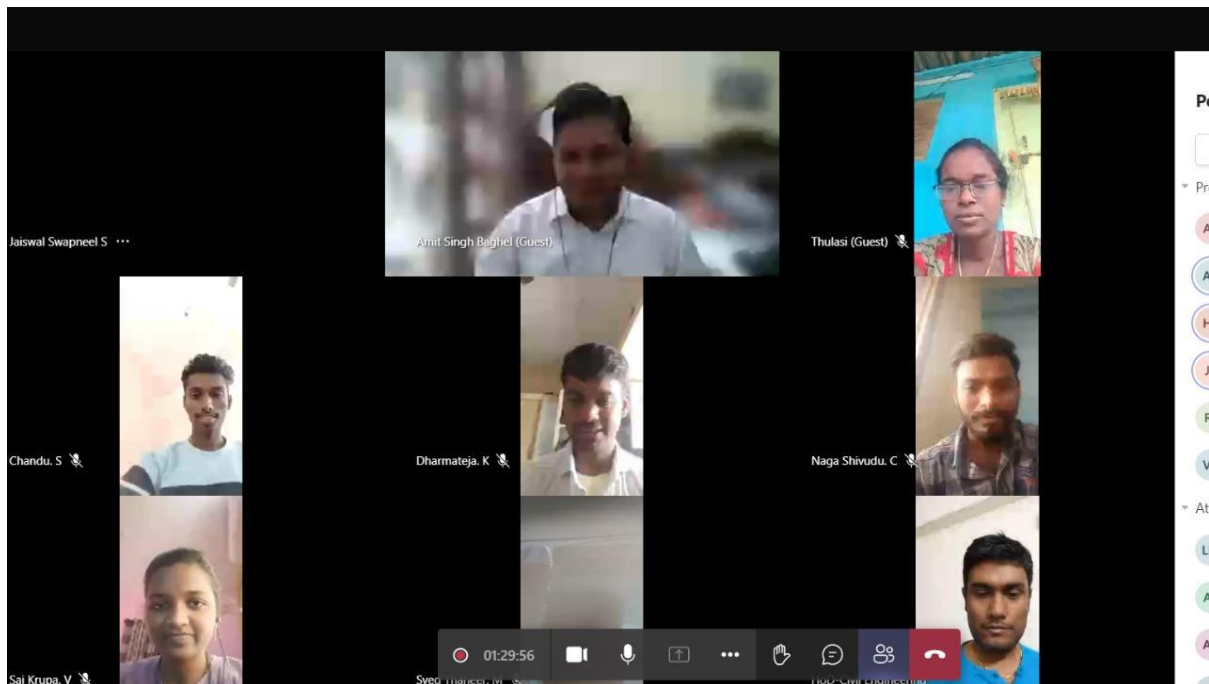
Target audience

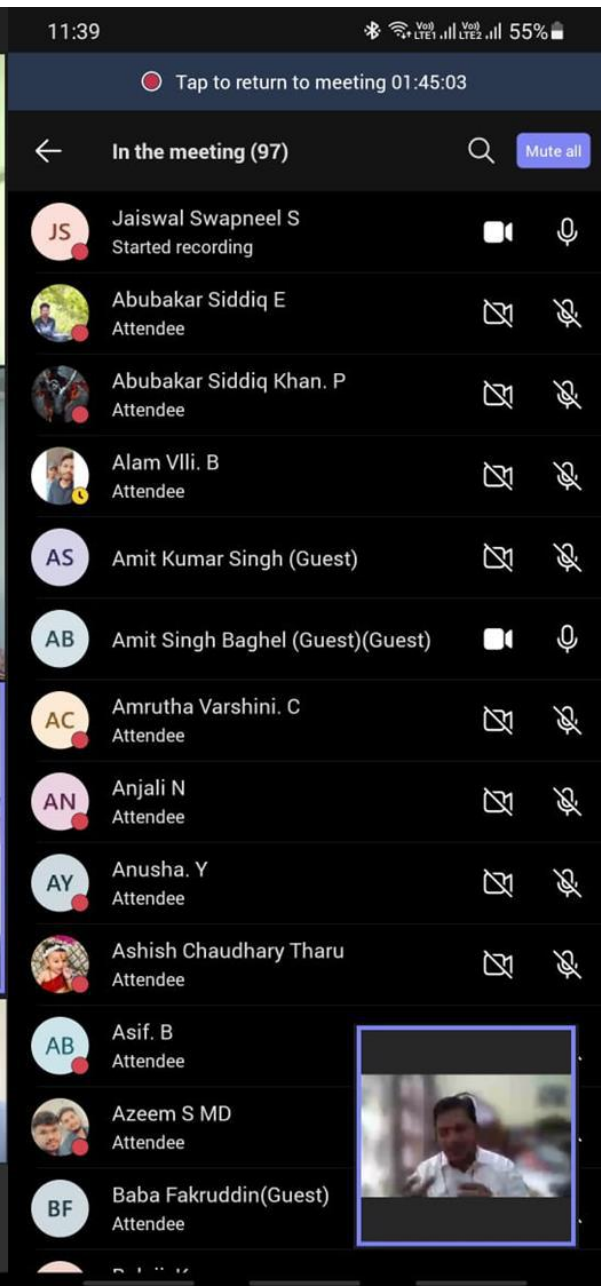
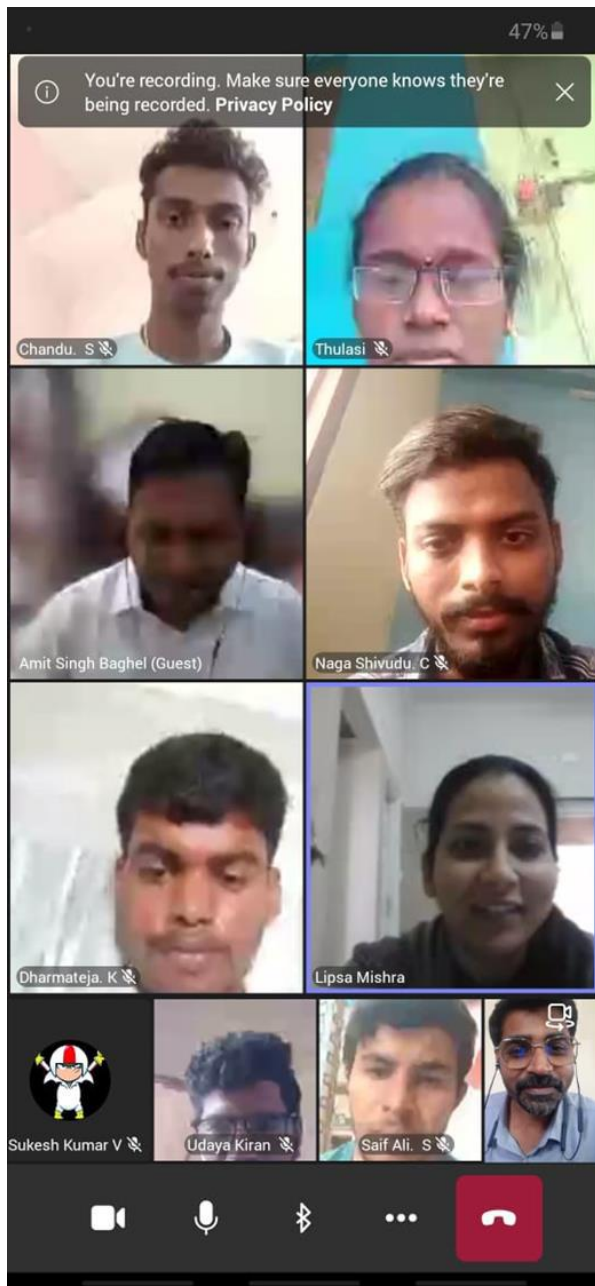
- Special focus on students of B.Tech in Civil Engineering.
- All other who wants to be peruse transportation as their career and transportation professionals.

Takeout:

- Students learned about the various challenges that come in the way of entrepreneurship and what can be possible solutions.

Photos:





Guest Lecture on “My Story - Motivational Session by a Start-up founder”

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DATE
26.11.2022

Resource Person

Mr. Amit Singh Baghel

Director VERCOS Pvt Ltd, Lucknow

Date and Time

26th November 2022 & 10 AM



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Invitation for guest lecture on “My Story - Motivational Session by Successful Entrepreneur/Start-up founder”

Jaiswal Swapneel S <jaiswalss@mits.ac.in>

Mon 14/11/2022 13:03

To: amitsinghbaghel vercos.in <amitsinghbaghel@vercos.in>

Cc: Dr Jagadeesan D <drjagadeesand@mits.ac.in>; Lipsa Mishra <lipsamishra@mits.ac.in>

Bcc: HoD-Civil Engineering <civilhod@mits.ac.in>

To,

Mr. Amit Singh Baghel,
Director, Vernacular Consultancy Pvt. Ltd.,
Lucknow,

Date: 14/11/2022

From,

Dr. Swapneel Jaiswal,
Department of Civil Engineering,
Madanapalle Institute of Technology and Science,
Andhra Pradesh

Subject: Invitation for a guest lecture on “My Story - Motivational Session by Successful Entrepreneur/Start-up founder”.

Dear Sir,

I am Dr. Swapneel Jaiswal, Senior Assistant Professor at Madanapalle Institute of Technology and Science (MITS), Andhra Pradesh. We take immense pleasure in having you as a guest lecturer in the department, under the Institution's Innovation Council 5.0, on 27th November 2022 for 1 hour 30 minutes starting at 10:00 AM through online mode.

The theme of the lecture is “My Story - Motivational Session by Successful Entrepreneur/Start-up founder”.

Please consider this email as a humble invitation and kindly revert back with a positive response. It would be deeply appreciated.

Thanks & Regards...!!

Dr. Swapneel Jaiswal

(Ph.D. from Indian Institute of Technology (IIT), Roorkee

Masters from School of Planning & Architecture, New Delhi)

Senior Assistant Professor

Academic Coordinator

Department of Civil Engineering

Madanapalle Institute of Technology & Science

(UGC - Autonomous) - Recognised Research Centre

Accreditation - NAAC (A+) ; NBA ; NABL ; NIRF (201-250)

P.B.No.14, Angallu (Vil), Madanapalle - 517 325, Chittoor (Dist.), AP, India

Cell: +91 6397794364

Email: drswapneeljaiswal@gmail.com | jaiswalss@mits.ac.in

Web: www.mits.ac.in

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Save Water Save Tree

Re: Invitation for guest lecture on "My Story - Motivational Session by Successful Entrepreneur/Start-up founder"

amitsinghbaghel vercos.in <amitsinghbaghel@vercos.in>

Mon 14/11/2022 13:49

To: Jaiswal Swapneel S <jaiswalss@mits.ac.in>

Cc: Dr Jagadeesan D <drjagadeesand@mits.ac.in>; Lipsa Mishra <lipsamishra@mits.ac.in>

Dear Dr Jaiswal

Thank you for extending this opportunity. I confirm my participation.

Warm Regards

[Amit Singh Baghel](#)

Director

VERCOS»

Corp. Off. 1: 470, Viram Khand 5, Gomti Nagar, Lucknow - 10, UP

Corp. Off. 2: C2, Sector 1, Noida - 201301, UP

[Website](#) | [The Transportation Podcast by VERCOS](#)

From: Jaiswal Swapneel S <jaiswalss@mits.ac.in>

Sent: Monday, November 14, 2022 1:03 PM

To: amitsinghbaghel vercos.in <amitsinghbaghel@vercos.in>

Cc: Dr Jagadeesan D <drjagadeesand@mits.ac.in>; Lipsa Mishra <lipsamishra@mits.ac.in>

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Director, Vernacular Consultancy Pvt. Ltd.,
Lucknow,

Date: 14/11/2022

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(Ph.D. from Indian Institute of Technology (IIT), Roorkee

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CV of Amit Singh Baghel



Organization : Vernacular Consultancy Services Pvt. Ltd. (VERCOS)
Designation : Director
Date of Birth : September 20, 1981
Nationality : Indian
Languages : English-Hindi (Proficient), Gujarati-Punjabi (Beginner)

Key Qualifications

Amit Singh Baghel is an Architect - Transport Planner. He has a master's degree in Planning with specialization in Transport Planning from School of Planning and Architecture (SPA), New Delhi. He has about 13 years of work experience of multi-disciplinary projects. He is also the creator and host at The Transportation Podcast by VERCOS, a philanthropy effort to raise awareness among policy makers, implementers, and users alike.

Area of Expertise

Transport Planning: Mobility for All, Sustainable Transport, Future Mobility, Electric Mobility, Comprehensive Mobility Plan, Public Transport Plans, Planning for Rail based Systems, Route Rationalization, Last Mile Connectivity, Multi Modal Integration, Parking Studies, Traffic Improvement Plans, Road Design, Freight Studies and Logistic Hubs, Demand Responsive Transport, Innovative Finance.

Architecture: Design - Build services for Street Design, Tactical Urbanism, Residential, Commercial and Public Buildings and Religious Spaces.

Media: Creator and Host at The Transportation Podcast by VERCOS. Podcast penetration across 51 countries and 309 cities on all six continents.

Education

- Master's in Planning (M. Plan.) with specialisation in Transport Planning from School of Planning and Architecture, New Delhi (2009)
- Bachelor's in Architecture from I.P.S. Academy, Indore (2007)

Transport Planning and Analysis Tools : CUBE / SATURN / VISSIM
Design/Presentation Packages : AutoCAD / Adobe Photoshop / SketchUp

Employment Record

- Vernacular Consultancy Services (VERCOS) Pvt. Ltd.**
Sep 2018 to Present
Director
- rites Ltd., Gurgaon, Delhi NCR**
Nov 2016 to Sep 2018
Manager, T&T, Urban Transport Division
- rites Ltd., Gurgaon, Delhi NCR**
Oct 2012 to Oct 2016
Assistant Manager, T&T, Urban Transport Division
- rites Ltd., Gurgaon, Delhi NCR**

June 2010 to Sep 2012
Engineer, T&T, Urban Transport Division

v. ICRA Management Consulting Services, Noida, Delhi NCR

June 2009 to May 2010
Executive Research Officer, Infrastructure

vi. CEPT University, Ahmedabad, Gujarat

August 2006 to May 2007
Research Associate, CEPT Research and Development Unit

Major Consulting Assignments Undertaken

A. Vernacular Consultancy Services (VERCOS) Pvt. Ltd., NOIDA (Y 2018 - Ongoing)

i. Project Name: Integrated, Sustainable and Low Emission Transport, Maldives

Client: Ministry of Environment, Climate Change and Technology, Republic of Maldives

Location: Maldives

Position held: International Urban Transport Planning Specialist

Status: Aug 2022 - Ongoing

Responsibility: Assessment of the existing situation around the urban transport sector including institutional capacities and legal issues, development of strategies for the transport sector in Maldives, technical inputs regarding transport network development of demonstration projects, inputs to executing agencies related to planning and scheduling of demonstration projects across vehicle segments, evaluate the impacts of projects to ensure compliance with environmental safeguard policies, liaise with client's and sectors technical staff, engineers, suppliers and others as needed, analyse and evaluate data, prepare reports and make specific recommendations related to the development of urban transportation plans, evaluate cost and benefits of the demonstration projects, participate in interdepartmental working groups on transport sector issues and in country teams, participate in sector and thematic networks around the transport sector and related issues to keep abreast of latest developments and issues, contribute to the team's knowledge producing activities based on own desk work, outputs of projects, and lessons learned from operations.

ii. Project Name: Feasibility and DPR for Development of Multi-modal Logistics Park in Mumbai, Maharashtra

Client: HOWE Engineering (Direct), NHLML (Main)

Location: Mumbai, Maharashtra

Position held: Transport Planner and Rail Expert

Status: May 2022 - Ongoing

Responsibility: Preparation of Techno Economic Feasibility Report including Environmental and Social Impact Assessment, Connectivity with Indian Railway, Master Planning and Assessment of Internal Facilities for Proposed MMLP, Inputs in Financial Feasibility, Institutional Mechanism, Environmental Clearance and Project Structuring.

Trunk infrastructure gap assessment, identifying road and rail connectivity with requisite land parcel, submission of alternatives for concept Master plan, preparation of General Arrangement Drawings (GAD), detailed Master plan options for MMLP, preparing costing for preliminary financial case assessment, assessment of shifting of utilities required, inputs to

bid documents including technical schedule, Final Detailed Project Report for External Rail and Road Trunk Connectivity Infrastructure.

- iii. **Project Name: Multi-modal Integration Study at 3 stations of Surat Metro, Gujarat**
Client: RITES Ltd.
Location: Surat, Gujarat
Position held: Transport Planner and VISSIM Modeller
Status: March 2022 - Ongoing
Responsibility: Assessment of present pedestrian, NMT, traffic movement and parking, forecast of future demand based on forecasted ridership of Metro, planning integration between metro and all modes of transport with priority to non-motorised transport and public transport with special attention to women safety. VISSIM software to be used for simulating the existing and future scenario.
- iv. **Project Name: Microscopic Simulation for Proposed Flyover, Kalyan Precinct Improvement Work, Kalyan, Mumbai**
Client: Kinjal Civilcon LLP (Direct), Kalyan Smart City (Main)
Location: Kalyan, Mumbai
Position held: Transport Planner and VISSIM Modeller
Status: March 2022 - Ongoing
Responsibility: Assessment of present pedestrian, NMT, traffic movement and parking, forecast of classified future demand based on Kalyan Station demand forecasts. Dynamic assignment in VISSIM software for simulating the existing and future scenario.
- v. **Project Name: Feasibility Study for Development of Ayodhya Dham Bus Terminal in PPP Mode**
Client: E&Y (Direct), UPSRTC (Main)
Location: Ayodhya, UP
Position held: Transport Planner
Status: Dec 2021 - Ongoing
Responsibility: Existing situation analysis, identification of accessibility issues, development of concept plans as per local norms, elevations in accordance with local heritage, provision of area statement of facilities and project costing.
- vi. **Project Name: Feasibility and DPR for Development of Multi-modal Logistics Park in Indore, MP**
Client: Tractebel Engie (Direct), NHLML (Main)
Location: Indore, MP
Position held: Transport Planner and Rail Expert
Status: Oct 2021 - Ongoing
Responsibility: Preparation of Techno Economic Feasibility Report including Connectivity with DFC and Indian Railway, Master Planning and Assessment of Internal Facilities for Proposed MMLP, Inputs in Financial Feasibility, Institutional Mechanism and Project Structuring.
Trunk infrastructure gap assessment, identifying road and rail connectivity with requisite land parcel, submission of alternatives for concept Master plan, preparation of General Arrangement Drawings (GAD), detailed Master plan options for MMLP, preparing costing for preliminary financial case assessment, assessment of shifting of utilities required, inputs to bid documents including technical schedule, Final Detailed Project Report for External Rail and Road Trunk Connectivity Infrastructure.
- vii. **Project Name: Traffic Impact Assessment Study for 98 Acre JCB Plant in Pune**
Client: CRN (Direct), JCB (Main)

Location: Pune, Maharashtra

Position held: Transport Planner

Status: Feb 2021 - Sep 2021

Responsibility: Study of internal road network, entry and exit configuration, traffic volume projection, understand modal split, master planning inputs, zoning, delineation of vehicle movements, roadway capacity analysis, circulation planning and roadway geometry, bus parking, pick up/drop off facility, pedestrian circulation planning, truck circulation planning, truck parking layout, overall traffic management strategy and traffic circulation plan.

viii. Project Name: Design of Religious Spaces

Client: Various

Location: BKT (Temple), Basti (Crematorium)

Position held: Lead Designer - Project Manager

Status: Nov 2020 - Ongoing

Responsibility: Preliminary concept, detail design, briefing structure designers, project management.

ix. Project Name: Conduct of Tactical Event at Identified Road Stretch in Basti, UP

Client: Basti Development Authority

Location: Basti, UP

Position held: Transport Planner

Status: Nov 2020

Responsibility: Existing situation analysis including assessment of present pedestrian, NMT, traffic movement and parking at the identified stretches, identification of issues, providing urban design interventions for tactical event in line with transport planning guidelines. Assessment of changes in pedestrian, NMT, traffic movement and parking behaviour during tactical event.

x. Project Name: Detail Design and Construction of Shastri Junction on EPC Mode in Basti, UP

Client: Basti Development Authority

Location: Basti, UP

Position held: Project Manager and Transport Planner

Status: Nov 2020-Jan 2021

Responsibility: Existing situation analysis including assessment of present pedestrian, NMT, traffic movement and parking at the identified stretches, identification of issues, preparing conceptual plan, preparing detail design and BOQ, approval from authorities, liaison with government bodies and vendors, on-site execution.

xi. Project Name: Transport Planning Inputs for International Expo Mart at Greater Noida

Client: MCCF (Direct), IEML (Main)

Location: Greater Noida, UP

Position held: Transport Planner

Status: Jan 2020 - Ongoing

Responsibility: Review of architectural designs, preparation of conceptual plans for access/egress from MLCP, detail design for ramps, aisles, boom barriers, exit area plans etc., preparing technical tender, evaluation of tenders, PMC of transport related technical part during construction stage.

xii. Project Name: Preparing Parking Policy and Parking Management Plan for Bhubaneswar

GLZ funded project under German Indo Cooperation

Client: GFA Consulting Group GmbH, Hamburg, Germany

Location: Bhubaneswar, Odisha

Position held: Transport Planner

Status: 2019 - 2021

Responsibility: Existing situation analysis including assessment of present parking behaviour in the city, preparing parking policy to discourage on-street parking behaviour and allow private participation in parking provisions, preparing parking management plans for identified corridors/areas, preparing parking regulation document.

xiii. Project Name: Multi-modal Integration at Ghaziabad Station of Delhi-Meerut Regional Rail Rapid Transit System (RRTS)

ADB Funded Project

Client: Ayesa (Direct), NCRTC (Main)

Location: Ghaziabad, NCR

Position held: Transport Planner

Status: Nov 2019 - Nov 2021

Responsibility: Existing situation analysis including assessment of present pedestrian, NMT, traffic movement and parking, identification of issues, forecast of future demand based on forecasted ridership of RRTS and Delhi Metro, planning integration between RRTS, Delhi Metro and all modes of transport with priority to non-motorised transport and public transport with special attention to women safety.

xiv. Project Name: Transport Planning Inputs for Conducting Tactical Event at Two Road Stretches in Coimbatore

Client: GIZ under German Indo Cooperation

Location: Coimbatore, Tamil Nadu

Position held: Transport Planner

Status: Nov 2019

Responsibility: Existing situation analysis including assessment of present pedestrian, NMT, traffic movement and parking at the identified stretches, identification of issues, providing transport planning solution and inputs to the urban design interventions for tactical event. Assessment of changes in pedestrian, NMT, traffic movement and parking behaviour during tactical event.

xv. Project Name: Training Needs Assessment for State Transport Undertakings for Operating and Expanding Electric Bus Operations

Client: GIZ under German Indo Cooperation

Location: Delhi, Kolkata, Nagpur, Bengaluru, Shimla, Ahmedabad, Pune and Coimbatore

Position held: Transport Planner

Status: Dec 2019-May 2021

Responsibility: Ministry of Housing and Urban Affairs (MoHUA), Government of India and Deutsche Gesellschaft für International Zusammenarbeit (GIZ) GmbH are jointly implementing a bilateral technical cooperation project "Integrated Sustainable Urban Transport Systems for Smart Cities" (SMART-SUT) project. The objective of the project is to improve the planning and implementation of sustainable urban transport in selected Indian cities. Under SMART-SUT, GIZ initiated a National study on "Training Needs Assessment for Electric Buses in India". The end-objective of this study is to build a sustainable ecosystem for e-Buses in India with strong Training and Capacity Building of STUs across the e-Bus Life Cycle Management including planning, procurement, operations, maintenance and disposal. As part of the study, 7 STUs in the country were assessed for their awareness about e-bus deployment and training needs assessment.

xvi. Project Name: Ridership Augmentation and Last Mile Connectivity Study for Lucknow Metro

Client: UMTC (Direct) and LMRC (Main)

Location: Lucknow

Position held: Project Manager

Status: 2019-20

Responsibility: Capturing the needs of metro and non-metro users. Mapping of Land-use and major activity centres, socio-economic profile of the catchment area of the existing as well as upcoming metro lines of Phase-1. Comparative analysis of various modes vs metro in the city for identified OD pairs. Mapping of the competing routes of buses/ other public modes connecting the same OD pairs and comparison with respect to cost of travel, travel time and comfort. Identification innovative finance options and various strategies for enhancing the ridership and relevant marketing techniques. Evaluation of strategies with respect to factors like ease of implementation, cost implications and degree of impact etc. Short term and long-term measures to improve the ridership of Lucknow metro with focus on initiatives which are under control of LMRC.

xvii. Project Name: Ridership Increment Assessment and Revenue Generation Strategies from Feeder System for Delhi Metro

Client: UMTC (Direct) and DMRC (Main)

Location: National Capital Territory

Position held: Project Manager

Status: 2018-19

Responsibility: Study and assess increase in ridership and revenue of metro due to operations of proposed feeder routes from the identified metro stations. Assess innovative finance schemes including potential advertisement revenue that can be generated from the metro feeder services. Assess the various alternate non fare box options. Study of environmental and social benefit of electric vehicles and impact of same on ridership of the metro along with integration policies to introduce EV as feeder to mass transit systems.

xviii. Project Name: Technical Inputs to Feasibility Study for 21 Terminals in Uttar Pradesh to be developed on PPP Basis

Client: Ernst and Young (Direct) and UPSRTC (Main)

Location: Uttar Pradesh

Position held: Traffic and Transport Expert

Status: 2018 - 19

Responsibility: Development of Concept Plans as per Local Norms, Elevations in accordance with Local Heritage, Provision of Area Statements of Facilities and Project Costing.

xix. Project Name: Integrated Last Mile Connectivity Study for NCT of Delhi

Client: UMTC (Direct) and DMRC (Main)

Location: National Capital Territory

Position held: Project Manager

Status: 2018-19

Responsibility: Assessment of the case studies and existing practices of last mile services around the globe. Review of available Electric Vehicles (EV) under public transport utility. Exploring EV charging technologies for public transport modes. Assessment and analysis of willingness to pay, willingness to shift, accessibility, mode used, expectations of customers/users, origins and destinations, details of ingress, egress and main haul trips etc., identification of feeder routes, feeder modes with focus on EV, and assessment of ridership based on OD analysis and willingness to shift to feeder modes. Assessment of charging infrastructure and its capex and opex.

xx. Project Name: Feasibility and DPR for Smart Parking to be developed on PPP basis under Gangtok Smart City

Client: Grant Thornton (Direct) and SPV Smart City (Main)

Location: Gangtok

Position held: Traffic and Transport Expert

Status: 2018 - 19

Responsibility: Conduct of traffic surveys, assessment of traffic and travel characteristics, assessment of demand supply gap, scenario formulation, preparation of conceptual designs, block cost estimates, construction schedules, input to BOQ and floating of RfP.

xxi. Project Name: Road Safety Measures for Sector 41, Gurugram

Parent Organisation: Vernacular Consultancy Services Pvt. Ltd.

Client: WRI India

Location: Gurugram, NCR

Position held: Transport Planner

Status: 2018 - 19

Responsibility: Existing situation analysis including assessment of present pedestrian, NMT, traffic movement and parking, safety audit of the site and identification of issues, forecast of future demand, proposals for safe movement by all modes.

xxii. Project Name: Geometric Improvement at 19 Junctions under Amritsar Smart City

Parent Organisation: Vernacular Consultancy Services Pvt. Ltd.

Client: Royal Haskoning DHV (Direct) and SPV Smart City (Main)

Location: Amritsar

Position held: Traffic and Transport Expert

Status: 2018-19

Responsibility: Review of survey data, assessment of traffic characteristics and infrastructure, assessment of demand supply gap, scenario formulation, preparation of conceptual designs, preparation of detail designs, presentation and report submission, input to BOQ and RfP.

xxiii. Project Name: Techno Economic Feasibility for Multi Modal Logistics Park in Sanand, Gujarat

Client: Tractebel IN (Direct) and DMICDC (Main)

Location: Sanand Gujarat

Position held: Traffic and Transport Expert

Status: 2018 - Ongoing

Responsibility: Preparation of Techno Economic Feasibility Report including Connectivity with DFC and Indian Railway, Master Planning and Assessment of Internal Facilities for Proposed MMLP, Inputs in Financial Feasibility, Institutional Mechanism and Project Structuring.

B. Independent Consultant (Y 2018)

i. Project Name: Transport Demand Modelling for Global City, Gurgaon, Haryana

Client: Egis India (Direct) and DMICDC (Main)

Location: Gurgaon, Haryana

Position held: Infrastructure Expert

Status: Sep 2018

Responsibility: Review of Master Plan, assessment of travel demand, formulation of scenario based on modal share, analysing the model outputs, preparation of report.

C. RITES Limited, Gurgaon, Delhi NCR (Y 2010- 2018)

- i. Project Name: Preparation of Comprehensive Mobility Plan, Alternatives Analysis Report and Detail Project Report for Mass Rapid Transit System in Gorakhpur**
Parent Organisation: RITES Ltd.
Client: Gorakhpur Development Authority
Technical Coordinator: Lucknow Metro rail Corporation (LMRC)
Location: Gorakhpur, Uttar Pradesh
Position held: Project Coordinator and Transport Planner
Status / Duration: April 2017 - Sep 2018
Responsibility: Project Coordinator, Data Collection, Traffic Survey Monitoring, Data Analysis, Proposal Formulation, Alignment Finalization, Multimodal Integration, Economic and Financial Analysis
- ii. Project Name: Proposal for Techno Feasibility Study for developing Multi Modal Transport System (MMTS) Rail alignment within Rajiv Gandhi International Airport (RGIA)**
Client: NAC-RGIA
Location: Rajiv Gandhi International Airport, Hyderabad
Position held: Transport Planner
Status and Duration: November 2017 - Completed
Responsibility: Data Analysis, Proposal Formulation, Alignment Finalization, Multimodal Integration
- iii. Project Name: Public Transport Plan including Tram and Bus Route Rationalization for Kolkata Metropolitan Area (KMA), Kolkata**
Client: Transport Department Kolkata, Government of West Bengal
Location: Kolkata
Position held: Transport Planner
Status and Duration: October 2017 - Completed
Responsibility: Study the existing public transport network and identification of major demand corridors, developing criteria for rationalization of routes, assessing horizon year travel demand and development of optimal bus route network linking major traffic generating points, development of Public Transport Master Plan integrating MRTS network, restructured tram & bus route network, preparing scheduling plan giving route wise number of buses and frequency, fleet estimation for STC operation, assessing infrastructure requirements, suggest phasing plan for implementation.
- iv. Project Name: Traffic Pattern Improvement around Nagpur Railway Station**
Client: DRM, Central Railway, Nagpur
Location: Nagpur, Maharashtra
Position held: Transport Planner
Status and Duration: July 2017 - Completed
Responsibility: Issue Identification, Planning of Immediate and Long-Term Solutions, Geometric Improvements, Parking Assessment
- v. Project Name: Detailed Project Report for Development of Greenfield Airport at Bhiwadi**
Client: DMICDC (Main), Airport Authority of India (Direct)

Location: Bhiwadi, Rajasthan

Position: Transport Planner

Status and Duration: Nov 2016 - Completed

Responsibility: Review of previous demand estimates for NCR and Bhiwadi by ICAO and AAI, final Traffic Forecast figures, collating data on infrastructure developments in the region, proposing Multi Modal Integration plan for BIA considering existing and proposed transport systems in the area

vi. Project Name: Detailed Project Report for Nagpur Metro Phase 2B

Client: Nagpur Metro Rail Corporation Limited (NMRCL)

Location: Nagpur, India

Position: Transport Planner

Status and Duration: August 2016 - Completed

Responsibility: Multi Modal Integration

vii. Project Name: Global Concept Plan and Master Plan for Multi Modal Transport Integration at Six Metropolitan Airports of India

Client: Airports Authority of India

Location: Delhi, Mumbai, Bengaluru, Hyderabad, Kolkata, Chennai

Position held: Transport Planner

Status and Duration: August 2015 to September 2016

Responsibility: Survey Data Analysis, Traffic Demand Forecast, Scenario Formulation, Proposals for Multi Modal Integration

viii. Project Name: Junction Improvement Plan of Jaistambh Junction, Nagpur

Client: MSRDC, Nagpur

Location: Nagpur, Maharashtra

Position held: Transport Planner

Status and Duration: April 2015 - Completed

Responsibility: Issue Identification, Planning of Immediate and Long-Term Solutions, Geometric Improvements, Transport Infrastructure proposals with special focus on Pedestrians, NMVs, Paratransit and Public Transport, Parking Assessment, Transport Demand Management, Project Phasing.

ix. Project Name: DPR for MRTS Connectivity between Ahmedabad and Dholera Special Investment Region (SIR)

JICA funded project

Client: Delhi Mumbai Industrial Corridor Development Corporation (DMICDC), Delhi

Monitoring: Gujarat Infrastructure Development Board (GIDB), Gandhinagar

Location: Ahmedabad

Position: Transport Planner

Status and Duration: August 2013 to Dec 2015, Hand holding till Dec 2016

Responsibility: Preliminary Alignment, Multi Modal Integration, and Identification of Land for Acquisition

x. Project Name: Technical Feasibility of Taj International Airport near Agra

Client: Department of Tourism, Uttar Pradesh

Location: Agra, Uttar Pradesh

Position held: Transport Planner

Status and Duration: September 2012 to March 2013

Responsibility: Site Selection and Multi Modal Transport Integration

xi. Project Name: Traffic Improvement Plan of Outer Ring Road from IIT Gate to NH-8 & its Influence Area, New Delhi

Parent Organisation: RITES Ltd.

Client: PWD, Delhi

Monitoring and Approvals: UTTIPEC, Delhi

Location: New Delhi

Position held: Transport Planner

Status and Duration: October 2010 to August 2013

Responsibility: Travel Demand Assessment through Transport Modeling on CUBE, Micro simulation on VISSIM, Planning of Long-term solutions, Transport Infrastructure proposals with special focus on Pedestrians, NMVs, Paratransit and Public Transport, Parking Assessment, Transport Demand Management, Project Phasing, Preparation of General Arrangement Drawing (GAD) for BJM underpass and RTR flyover.

xii. Project Name: Comprehensive Mobility Plan for Indore Urban Area

Parent Organisation: RITES Ltd.

Client: Indore Municipal Corporation

Location: Indore, Madhya Pradesh

Position held: Transport Planner

Status and Duration: Sep 2010 to July 2012

Responsibility: Travel Demand Assessment through Transport Modeling on CUBE, Planning of Long-term solutions to cater to Horizon Year Transport Demand, Evolving Concept Plans and Transport Infrastructure proposals with special focus on Pedestrians, NMVs, Paratransit and Public Transport, Geometric Designs & Traffic Simulation, Parking Assessment & Planning, Transport Demand Management, Block Cost Estimates & Project Phasing.

D. ICRA Management Consulting Services (Presently ICRA Analytics), Noida, Delhi NCR (Y 2009 - Y 2010)

i. Project Name: Traffic Validation Study for Ambala-Chandigarh Expressway, NH 22

Client: GMR Infrastructure Limited

Site Location: Chandigarh

Client Interaction: Bangalore

Position held: Transport Planner - Modeller

Status and Duration: Completed, August 2009 to October 2009

Activities Responsible for: Client & Stakeholders Interactions and Presentations, Planning, Organizing and Analyzing Traffic Surveys, Traffic Data Analysis, establishing existing and future (over the entire concession period) Tollable traffic on the project corridor, Assessing impact of the major competing highways on the Project Traffic. SATURN was used as modelling package for this assignment.

ii. Project Name: Preparation of Comprehensive Traffic and Transportation Plan (CTTP) for four cities of Karnataka (Mysore, Mangalore, Belgaum, Hubli - Dharwad) 2009 - 2030.

Client: Directorate of Urban Land Transport, Government of Karnataka

Location: Karnataka

Position held: Transport Planner - Modeller

Duration: June 2009 to Jan 2010

Activities Responsible for: Client & Stakeholders Interactions and Presentations, Planning, Organising and Analysing Traffic Surveys, Traffic Data Analysis, traffic forecast based on alternate growth parameters, Travel Demand Assessment through transport modelling, Planning of Long-term solutions to cater to horizon year transport demand, Geometric Designs & Traffic Simulation, Parking Assessment & Planning, Transport Demand Management, Block Cost Estimates & Project Phasing.

E. CEPT Research and Development Unit, CEPT University, Ahmedabad

- i. **Project Name:** Assessment of outcomes of Rehabilitation Program carried out in earthquake affected areas of Gujarat (Bhuj, Bhachao, Rapar, Gandhidham and Anjar)

Client: World Bank

Position: Research Associate

Duration: Completed, October 2006 to December 2006

Cross verification of field surveys, Secondary Data collection, identification of Funding Gaps and Governance Issues, estimation of improvement in overall Living Standards/Quality of Life as per predefined criteria.

- ii. **Project Name:** City Development Plan for Ankleshwar

Client: Bharuch Municipal Corporation

Position: Research Associate

Duration: October 2006 to May 2007

Secondary Data collection, identification of Infrastructural gap and Governance Issues, Resource Requirement and Constraints, Strategy and Action Plan.

Projects and Presentations

- Transport Planning Research Thesis on “Benchmarking Urban Transport”
- Architecture Design Thesis on “Crematorium”

Membership of Professional Societies

- Associate Member (2015-124), Institute of Town Planners, India (ITPI)
- Life Member (M-1229), Institute of Urban Transport (IUT), India

Other Achievements

- Creator and Host, The Transportation Podcast by VERCOS (<https://vercos.in/podcast>)
- Paper on Demand Responsive Public Transport System in Airport Travel - Case Study of Delhi (https://link.springer.com/chapter/10.1007/978-3-030-61075-3_5)
- Presented paper on “Ahmedabad Dholera MRTS - A Challenge in Metro Planning!” at the World Road Meeting (WRM) Conference 2017 held at Greater Noida, India
- General Aptitude Test for Engineering (GATE), Apr 2006, All India Rank: 208
- Graduate Record Examinations (GRE), Mar 2015, Score: 310

References

- Ms. Sujata Savant, General Manager, Urban Transport Division, RITES Ltd., email: sujatas@rites.com / sujatasavant@gmail.com, Ph: +91 9811 347975
- Mr. Amit Bhatt, Executive Director, WRI India, email: amitb4u@yahoo.com, Ph.: +91 9868 453595

- Dr. Sewa Ram, HOD, Transport Planning Department, School of Planning and Architecture (SPA) New Delhi, email: drsewaram@gmail.com, s.ram@spa.ac.in, hodtp@spa.ac.in, Ph: +91 9810 567049
- Dr. Sanjay Gupta, Professor of Transport Planning, Transport Planning Department, School of Planning and Architecture (SPA) New Delhi, email: s.gupta@spa.ac.in, Ph: +91 9871 860530

Certification

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experience, and me.

Place: Lucknow

Date: Aug 15, 2022

Amit Singh Baghel
Director
Vernacular Consultancy Services Pvt Ltd
amitsinghbaghel@vercos.in
+919891676379

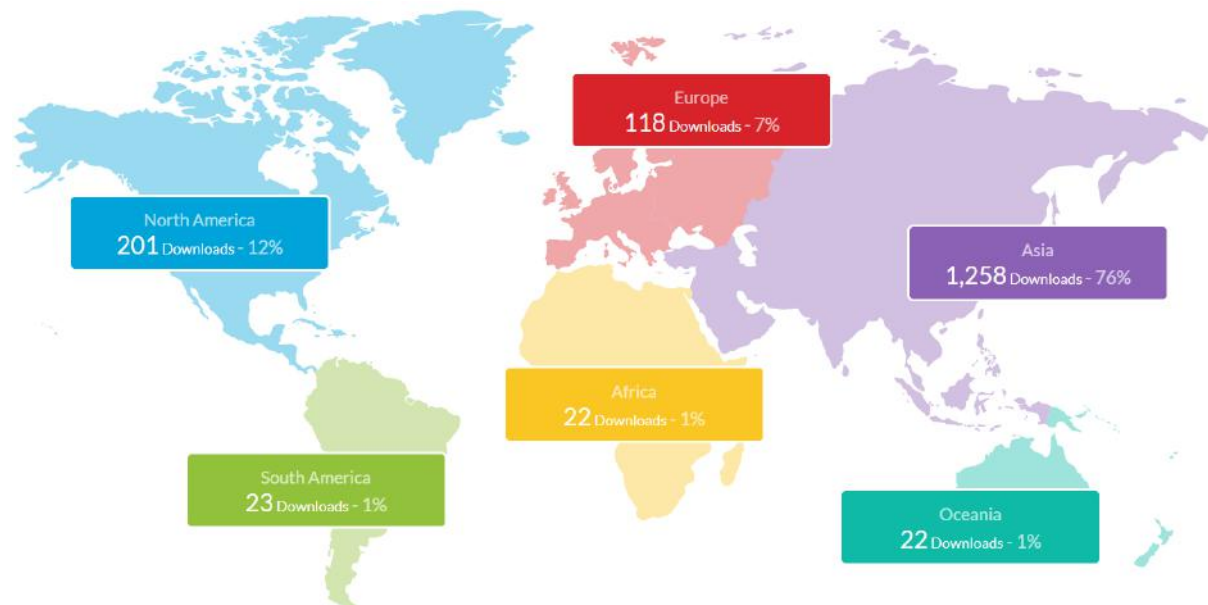
The Transportation Podcast by VERCOS

Available on all major directories including Apple podcast, Spotify and Google podcast

Episodes

1. SPA Delhi: The Cradle of Transport Planning Education in India
2. Public Transport: More Than Just Running a Bus
3. Pedestrianization: Let's Walk towards Safer Cities
4. Women Safety in Transit: Let Her Fly
5. Road Safety: There is No Need for Speed!
6. Parking: All for Want of a Horseshoe Nail
7. Tactical Urbanism: Think Big, Start Small, Learn Fast

Outreach

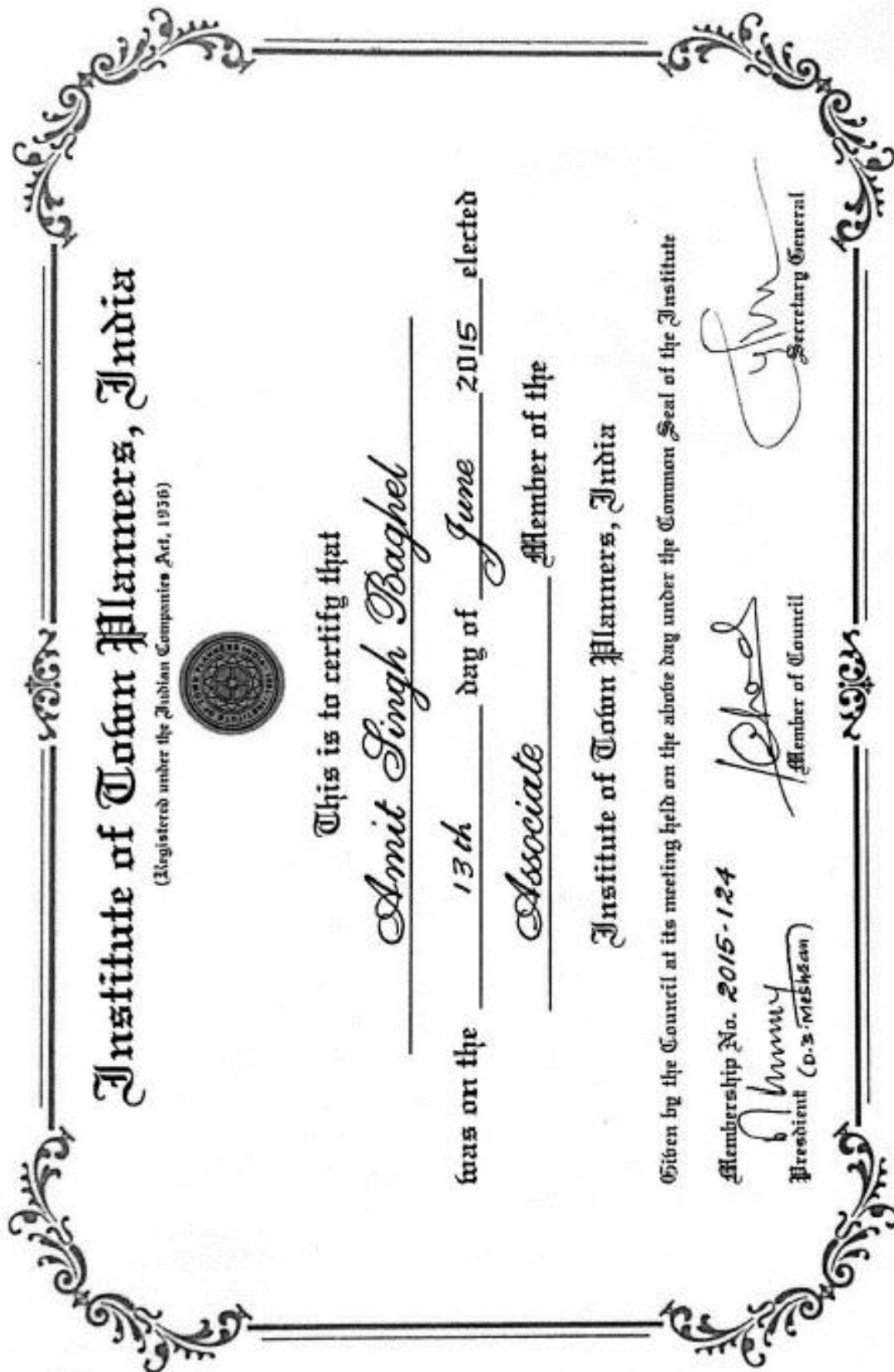


COUNTRIES / TERRITORIES (51 Total)

<i>IN</i>	India	71 %	1,175
<i>US</i>	United States	10 %	167
<i>DE</i>	Germany	2 %	47
<i>CA</i>	Canada	1 %	22
<i>AE</i>	United Arab Emirates	1 %	20
<i>ZA</i>	South Africa	1 %	19
<i>IL</i>	Israel	1 %	17
<i>GB</i>	United Kingdom	0 %	13
<i>EC</i>	Ecuador	0 %	12
<i>AU</i>	Australia	0 %	12

CITIES (309 Total)

Port Blair, Andaman and Nicobar	15 %	243
New Delhi, Delhi	7 %	126
Noida, Uttar Pradesh	5 %	89
Deoli, Delhi	3 %	57
Bengaluru, Karnataka	3 %	53
Lucknow, Uttar Pradesh	3 %	52
Delhi, Delhi	2 %	47
Frankfurt am Main, Hesse	2 %	42
Ernakulam, Kerala	2 %	40
Ghumarwin, Himachal Pradesh	2 %	35





INSTITUTE OF URBAN TRANSPORT (INDIA)

Certificate of Membership

This is to certify that

Amit Singh Baghel

*was admitted as a Life Member (M-1229)
of Institute of Urban Transport (India)
from 8th December, 2011*

*Given under the common seal of
Institute of Urban Transport (India)*

Executive Secretary



Director General

Institute of Urban Transport (India) is a premier professional non-profit making organisation
for the promotion and development of Urban Transport in India



Name	Roll Number	Department	Lecture arrangement	Lecture Delivery	Lecture Content	Usefulness of Lecture	Lecture Presentation	Any Suggestion
Lohith Sai	20691A0108	Civil	Very Good	Very Good	Good	Very Good	Good	
Bharatam alamvali	21691a0103	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	Good
Jyothi nandem	21695A0112	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
NAGI REDDY	21691A0144	Civil	Good	Average	Average	Average	Average	
Akula Uday Kumar	20691a0120	Civil	Very Good	Very Good	Good	Good	Good	
swarooparamishetty@gm ail.com	21691A0135	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
MEMULA SAI KUMAR	21695A0127	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
P JASWANTH REDDY	20691A0105	Civil	Good	Very Good	Good	Very Good	Good	No
P Venugopal Reddy	22695a0112	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
PALAGIRI GANGA								
SAGAR	21691A0111	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	No
S.chandu	21691A0107	Civil	Good	Good	Good	Good	Good	Video quality is poor
Uhapriya	21695A0136	Civil	Good	Good	Good	Good	Good	No
Indhumathi	22695A0113	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
G DEVIMANI	22695A0102	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
M SIVAKUMAR	22695A0109	Civil	Good	Very Good	Good	Very Good	Good	Offline class is better than online class
V.sai venkat	20691A0114	Civil	Good	Very Good	Very Good	Very Good	Good	No
B.Govardhan	20691A0104	Civil	Very Good	Very Good	Very Good	Good	Very Good	
M. Syedthaheer	21691a0136	Civil	Good	Very Good	Average	Very Good	Good	No
Uday	22695A0111	Civil	Average	Average	Average	Average	Average	Nothing
Derangula Charan Teja	21691A0108	Civil	Good	Very Good	Good	Good	Good	The presentation was quite good but the clarity was little disturbed
K. Kousalya	21695a0115	Civil	Good	Very Good	Very Good	Good	Very Good	Nooo
Gunda Lakshmi Pathi	21691A0115	Civil	Good	Good	Good	Good	Good	No complaints
CHILAKAPATI NAGA SHIVUDU	21695a0120	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	We want more this Type of sections
M.Vijaya	21691A0145	Civil	Very Good	Very Good	Very Good	Good	Good	No suggestions
K.A.Thriloka	22695A0110	Civil	Good	Good	Good	Average	Good	
R. Vaishnavi	21691A0141	Civil	Good	Average	Good	Good	Very Good	Ntg
Sunil	21691A0132	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	Good
Kolavaligang644@gmail. com	22695A0103	Civil	Very Good	Good	Very Good	Very Good	Good	No comments
V.Saikrupa	21691A0124	Civil	Very Good	Good	Good	Very Good	Very Good	
Mochi Shreeja	21691A0130	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	No suggestions
B Sravani	21691A0131	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	Yo avoid the net problem
S.sasi kumari	20691A0115	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	No
sasi	21691A0106	Civil	Good	Good	Good	Good	Good	
Y. Anusha	22695A0101	Civil	Average	Average	Average	Average	Good	Please maintain screen clarity
B. Thulasi	21691A0138	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	Communication is very good
N.Anjali	21691A0105	Civil	Good	Good	Good	Very Good	Good	Interact to each and everyone
P VENKATESH REDDY	21695A0138	Civil	Good	Good	Good	Very Good	Very Good	No
Preethi	22695A0107	Civil	Very Good	Very Good	Very Good	Good	Very Good	Nothing
Chellu. Gayathri	21695A0110	Civil	Very Good	Good	Good	Good	Very Good	
Uday Kiran	21691A0139	Civil	Good	Average	Good	Good	Average	Good
Ashish Chaudhary Tharu	6391198977	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
A. sai bhavya sree	21691A0123	Civil	Good	Good	Good	Good	Good	
Shared his ideas regarding to entrepreneurship clearly,gave valuable suggestions and motivated to be a well- known entrepreneur	21691a0127	Civil	Good	Very Good	Very Good	Good	Good	-
P Gnanambika	21691A0112	Civil	Very Good	Very Good	Very Good	Good	Very Good	
R Vamsi Kumar	21691A0143	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	Noo
C.Ravi theja	21691A0122	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
Syed Azeem	20691A0102	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	Nothing sir
Y. Naveen kumar	22695A0106	Civil	Good	Good	Very Good	Good	Good	No
T. Vamsi k krishna	21691A0142	Civil	Good	Good	Very Good	Good	Very Good	No comments
Nawaz basha	21691A0121	Civil	Average	Average	Average	Good	Average	Nothing
AREKANTI RAJU	22695A0108	Civil	Good	Good	Good	Good	Good	Nice
S Madhu Kumar	21691A0116	Civil	Very Good	Good	Good	Good	Very Good	
B Yaswanth Naik	21691A0147	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
Shobharani	21695A0133	Civil	Good	Good	Very Good	Very Good	Very Good	
PAPEPALLI HATIPRIYA	21691A0113	Civil	Good	Average	Good	Average	Average	..
P. Hari ptiya	21691A0113	Civil	Good	Good	Good	Good	Good	..
Saiteja	21691A0125	Civil	Very Good	Very Good	Good	Very Good	Very Good	No
A.KARTHIK VARMA	20691A0106	Civil	Very Good	Very Good	Very Good	Good	Very Good	
B. Smaran	20691A0117	Civil	Good	Good	Good	Good	Good	
K Sai Teja	20691A0113	Civil	Good	Good	Good	Good	Good	
K.vyshnavi	21695A0141	Civil	Very Good	Very Good	Very Good	Very Good	Good	Keep doing this
M. Devisree	21695a0108	Civil	Very Good	Very Good	Very Good	Very Good	Good	Nice sir
T. Tejananda reddy	21695A0134	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	
K.Balaji	21695A0105	Civil	Good	Good	Very Good	Very Good	Good	
Challa Yesrun	19691A0153	Civil	Good	Good	Good	Good	Good	
B. Asif	21695A0103	Civil	Good	Good	Good	Good	Average	
M.mahendra	20691A0109	Civil	Very Good	Good	Good	Very Good	Very Good	No
M kiran	21695A0113	Civil	Good	Average	Good	Average	Good	
B. Sai vani	21695A0129	Civil	Very Good	Very Good	Good	Very Good	Very Good	No
B Yaswanth Krishna	21695A0126@mits	Civil	Good	Good	Good	Good	Good	
Kishore	21695A0114	Civil	Good	Good	Very Good	Good	Good	Good
K DHARMATEJA	21695A0109	Civil	Good	Very Good	Good	Very Good	Good	Lucky to listen such a type of classes
Sukesh kumar	20691A0118	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	No
B.vijayalakshmi	20691A0121	Civil	Good	Good	Good	Good	Good	
Nandivardhan Reddy	21691A0119	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	No
Bestha Purushotham	21695A0123	Civil	Very Good	Very Good	Very Good	Good	Very Good	
G Hema Latha	21691A0114	Civil	Very Good	Very Good	Very Good	Good	Good	No
Saikiran	20691A0112	Civil	Very Good	Good	Good	Good	Good	
C.Amrutha Varshini	21691a0104	Civil	Good	Good	Very Good	Good	Good	
K TEJA VARDHAN REDDY	21691A0137	Civil	Good	Good	Good	Good	Good	No
Uday Kiran	21691a0140	Civil	Very Good	Very Good	Very Good	Very Good	Very Good	