

Dr. Nisha Radhakrishnan

PG Dissertation Details

Sl. No.	Title of Thesis	Name of Student	Year of Completion
1.	Assessment of First and Last Mile Trip Characteristics for Delhi Metro Users	Tarun Thapa	2021
2.	Development of Car-Following Models under Mixed Traffic Conditions in Urban Areas	Himanshu Verma	2021
3.	Practical Approach to study the impact on Time and Cost due to Project Delays	Rajnish Kumar	2021
4.	Mode Shift Analysis of Tiruchirappalli Suburban	Akshai	2020
5.	Land Value Analysis based on Accessibility to urban facilities using GIS	Anirudh C	2020
6.	Accessibility analysis of Hospitals in Tiruchirappalli City	Dileepan K	2020
7.	Accessibility analysis of Recreational Places in Tiruchirappalli City using Geospatial Techniques	Sangeeth Suvarnan	2020
8.	Understanding Surveying Techniques in Transmission Lines and improving the accuracy of Field survey data	Ayush Gupta	2020
9.	Study of Impact of Various Influencing Factors on Bicycle Commuting	Vignesh K	2019
10.	Assessment of Level of Safety of Bus Stops in Tiruchirappalli City	Shudhir Nath V G	2019
11.	Evaluation of Bus Stop Accessibility by Walk : A case study of Tiruchirappalli City	Ninad Vivek Ratnaparkhi	2018
12.	Impact Analysis of Built Environment on Pedestrian Accidents using GIS	Ashish Bhikan Patil	2018
13.	Accessibility Analysis of Educational Centres using Geospatial Techniques	Sanchayan Das	2018
14.	Consolidation of Bus stops and development of Transit Travel Time Model for Public Transport	Muvvala Baburao	2017
15.	Mobility of Paratransit System in Tiruchirappalli City	Banavath Babunaik	2017
16.	Residential Site Suitability Analysis using GIS	Shifa Begum R	2017
17.	Accessibility Analysis of Health Care Facility within Tiruchirappalli City using Geospatial Techniques	Shayesta Wajid	2017
18.	Accessibility and site suitability analysis of Healthcare facilities using GIS	Inturi Sai Krishna	2016
19.	Para transit system in Tiruchirappalli city	Ankit Singh Raghuwanshi	2016
20.	Identification of Risk factors for Vulnerable road users and their relation with road infrastructure	Gaurav Singh	2016
21.	Evaluation of Bus Route Network in	Hussain Haveliwala	2016

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	Tiruchirappalli City		
22.	Land Use Based Travel Demand Modelling for Tiruchirappalli City	Anu B Chand	2015
23.	Speed Detection and Management In Tiruchirappalli Using ITS	Rohith Ch	2015
24.	A Study on Residential Location Choice of households in Tiruchirappalli City	Navyatha Metta	2015
25.	GIS-GPS Based Pavement Management System for Tiruchirappalli city	Deepthi K	2015
26.	Modelling of Water Supply and Sewage Pipeline distribution for NIT Trichy using Remote Sensing and GIS Techniques	B. Subhash	2014
27.	Measuring Urban Sprawl and its impact – A case study of Trichy City	Ravindra Kumar	2014
28.	Speed Management For Urban Roads In Tiruchirappalli Using ITS	Nithin A	2014
29.	Accident Analysis Using GIS	Saleel K	2014
30.	Site Suitability Analysis For Urban Residential Development	Sunny Dhruva	2014
31.	Estimation of Origin – Destination Matrix using Bi-Level Programming	Subha Nair	2013
32.	Geospatial Based Travel Time and Delay Analysis along Tiruchirappalli Road Network	Ankit Pachouri	2013
33.	Speed Detection and Management – An ITS Application	Arif Ashraf	2013
34.	Trip Generation analysis in the Devathanam Ward of Tiruchirappalli city	Siva Prakash G.	2013
35.	Impact of Built Environment on Pedestrian-Vehicle Collision along Tiruchirappalli city road network	K R Vinod Kumar	2012
36.	GIS based Safe Bus stop location in Trichy city	Sandhiya K	2012
37.	Analysing the relation between Landuse and Travel Demand using 3S Technology	Aswathy R	2012
38.	A study in variation of Ozone concentration in atmosphere using Ozone Monitoring Instrument data	D Svega	2011
39.	Estimation of Orgin-Destination Matrix from Link Volume counts	Maneesha M	2011
40.	Quantifying the Urban Sprawl in Tiruchirappalli city	Satheesh Kumar Eerni	2011
41.	GIS – GPS based Pavement Management System	Mohammad Shinas S	2010

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UG Dissertation Details

Sl. No.	Title of Thesis	Name	Year of Completion
1.	Comprehensive study of Bangalore Metro	Abhishek Dadhich Ayush Kishore Mahendra Rathore Nilesh Gope	2021
2.	Structural Deformation Monitoring using Sensors	Hariharan R Saran Badresh I S Aakash Raja U Kumaran G	2021
3.	Trend Based Land Cover Modelling using Image Recognition and Cellular Automata	Tadavarthy Avinash Tanvi Kumar	2020
4.	BICYCLE INTERSECTION SAFETY INDEX IN A MID-SIZED CITY	S Lalit Kumar Jagan Kumar Varun Akash Mohammed Arshad	2019
5.	Accessibility Analysis Of Primary Schools Using Geospatial Techniques	Abishek Kumar Ranjan Abishek Sharma Ravi Ranjan Sandeep Toppo	2018
6.	Accessibility analysis of Emergency Service Centres	Ashwini P Mahalakshmi S Vignesh Veena Dharshini	2017
7.	A Study of Para-Transit Systems in Trichy	Hisham Ali Ahmed Farhan Cholamugath Koya Prasiddhi R Umar Faruq	2016
8.	Urban Pavement Management System Using ArcGIS	Adithya Athreya Chella SK Kalieshwar Srinivasan V Vishnu Vimalraj	2015
9.	Monitoring Urban Sprawl of Trichy City	Arvish Dhanvick Kauhal Kishore	2013
10.	Geospatial Based Map Preparation of NIT-Trichy Campus	Chinimilli Naga Poorna Ch Rao Dasari Lakshmi Sandeep Reddy Gujjula Shiva Shankar Reddy Lakshmana Aravind G	2013
11.	Intelligent Speed Detection System for Traffic Studies and Management	K.Arunkumar VigneshAditya Muralidharan Akshay Manajapura Krishnan	2012

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12.	Estimation of Origin-Destination Matrix using 3S Technology	R.Rhaul Bharatwaj Vidushun Vijalingam Badrinarayanan.R Mohammed Zakir Ahmed	2012
13.	Application of GPS, GIS and Total Station for Generating Map of NIT Trichy Campus	Aman Agrawal Rakesh Kumar Vikash Kedia	2011
14.	Design and Implementation of Web-Based GIS of the Road Network for the Trichy Region	Arpan Kusari Ronald Regan Maria Benziger Harhara Subramanian R	2010