

CIVIL ENGINEERING DEPARTMENT


Ph. D. Awarded (As on 01/09/2017)

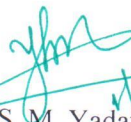
Sr. No.	Student's Name	Roll No.	Date of completion	Title of the Ph.D. Research Topic	Name of the research Supervisor(s)
1)	S. M. Yadav	D04CE108	07/03/2009	Study of Ripple Factor for Tapi river	Dr. B. K. Samtani
2)	Ravindra Lad	D04CE103	28/06/2010	A fuzzy framework for environmental pollution potential and acceptability of industries in a region	Dr. R. A. Christian
3)	P V Timbadiya	D07CE105	21/08/2012	Development of 1D-2D integrated hydrodynamic model for river flood prediction in coastal urban flood plain	Dr. P L Patel Dr. P D Porey
4)	Rajiv Bhatt	D08CE101	10/09/2012	Fuzzy comprehensive sustainability rating model for Indian commercial buildings	Dr J.E.M. Macwan
5)	Prasit G. Agnihotri	D05CE108	12/01/2013	Flood Mitigation Plan For Surat City Using Geospatial Technology	Dr. J N Patel
6)	Ms. Namrata D. Jariwala	D05CE105	13/01/2013	Respiratory disease risk assessment among solid waste workers using fuzzy rule based system approach	Dr. R. A. Christian
7)	Neerajkumar D. Sharma	D05CE103	14/03/2013	Improving Groundwater Quality through Artificial Recharging	Dr. J N Patel
8)	Ms. Suvarna D. Shah	D05CE106	22/03/2013	Development of an integrated model for flood management at Vadodara city	Dr. J N Patel
9)	Shailesh B Patel	DS08CE106	10/06/2013	Incipient motion and bed load transport characteristics of unimodal and bimodal sediments	Dr. P L Patel Dr. P D Porey
10)	Ms. Hema R. Dudhwala	D06CE102	28/10/2013	Slum improvement: Planning strategies and policy using analytical methods	Dr. N J Mistry
11)	Ms. Ashwini B Mirajkar	DS09CE103	21/03/2014	Multi-objective fuzzy optimization approach in integrated management of water resources	Dr. P L Patel
12)	Ms. A. K. Khambete	DS07CE102	27/03/2014	Integrated efficiency based performance evaluation of a waste water treatment plant using fuzzy logic approach	Dr. R. A. Christian

Sr. No.	Student's Name	Roll No.	Date of completion	Title of the Ph.D. Research Topic	Name of the research Supervisor(s)
13)*	D. M. Parikh	DS07CE111	27/06/2014	Study on dispute occurrence behaviour under influence of multiple claim causes in highway projects in India	Dr. Gaurang Joshi
14)	Ms. Hiral K. Desai	DS07CE113	05/01/2015	Modelling tritium concentration in lake environment under uncertainty	Dr. R. A. Christian
15)	Bhaven N. Tandel	D07CE101	11/04/2015	Urban road traffic noise: Prediction optimization model using genetic algorithm and audiometric assessment	Dr J.E.M. Macwan
16)	U C Roman	DS07CE110	14/05/2015	Estimation of missing rainfall and prediction of runoff in upper catchment of Tapi basin	Dr. P L Patel Dr. P D Porey
17)	Ashok Varne	D07CE101	11/06/2015	Fuzzy optimization and neuro-fuzzy modelling of distillery waste	Dr J.E.M. Macwan
18)	Amol B. Saner	DS09CE101	28/06/2015	Treatment of distillery wastewater by UASB and its post treatment by MFC	Dr. N J Mistry Dr A K Mungray
19)	Ms. Dipi A. Patel	DS07CE107	29/09/2015	Fuzzy knowledge based modelling in prediction of ambient atmospheric parameters	Dr. R. A. Christian
20)	Abhilash T Nair	DS11CE005	30/10/2015	Use of water treatment sludge for the post-treatment of UASB reactor effluent	Dr M. Mansoor Ahammed
21)	Devanshu K. Pandit	DS09CE105	24/11/2015	Evaluation of an index to measure the project development efficiency.	Dr. S. M. Yadav
22)	Rajesh Gurjar	D09CE106	11/01/2016	Evaluation and modelling of micro surfacing mix design and its effect on test responses for utilization of alternative filters.	Dr. K. A. Chauhan
23)	Chetan R. Patel	D09CE101	09/03/2016	Mixed Traffic characterization and Speed – Flow Behaviour under Influence of Road Side Friction and Non-Motorized Vehicles: A Study of Arterial Roads in metropolitan cities.	Dr. Gaurang Joshi

Sr. No.	Student's Name	Roll No.	Date of completion	Title of the Ph.D. Research Topic	Name of the research Supervisor(s)
24)	Harshulkumar J Parekh	DS09CE104	12/03/2016	Performance Evaluation and Ranking of Municipal Solid Waste Management System	Dr. S. M. Yadav Dr K D Yadav
25)	Jiten H. Shah	DS11CE001	14/03/2016	Study On Pedestrian Flow Behaviour On Stairways At Rail Transit Stations In India	Dr. Gaurang Joshi
26)	Prabhat Chandra	DS08CE105	11/05/2016	Prediction of sediment yield and identification of erosion prone areas for soil conservation measures in upper Tapi basin, India	Dr. P L Patel Dr. P. D. Porey
27)	Dilip Machindra	DS11CE007	13/05/2016	Greywater Treatment Options for its Reuse: A Comparative Study.	Dr K. D. Yadav
28)	Rajesh J. Pandya	DS07CE112	30/06/2016	Sustainable Mass Transit Potential Analysis with reference to urban form and accessibility on GIS platform for a metropolitan city: A case study	Dr B. K. Katti
29)	Atul Ramdas Kolhe	D09CE109	10/12/2016	Development of location based repetitive scheduling method for Indian housing industry	Dr J.E.M. Macwan
30)	Ms. Bhoomi Andharia		15/12/2016	Numerical modelling of aggradation / degradation in mobile boundary channels	Dr. V L Manekar Dr. P L Patel Dr. P D Porey
31)	Ravin M. Tailor	D09CE108	15/12/2016	Performance improvement of flexible pavement over expansive subgrade using innovative materials	Dr. N. C. Shah Dr. M. D. Desai
32)	Jiweshwar Sinha	D09CE111	21/12/2016	Two layer numerical model for hydrodynamic and solute transport in compound open channels	Dr. P L Patel Dr. B K Samtani Dr. S K Das, CWPRS Pune
33)	Batliwala Bipinchandra J.	DS08CE104	17/03/2017	Economical analysis for modernization of Kakrapar right bank main canal (India)	Dr J. N. Patel

Sr. No.	Student's Name	Roll No.	Date of completion	Title of the Ph.D. Research Topic	Name of the research Supervisor(s)
34)	Ms Garg Leena	D07CE103	17/03/2017	Modelling residential settlement pattern in newly expanded fringe area of a fast growing metropolitan city on spatial and temporal basis	Dr B. K. Katti
35)	Ms Abhipsa R Makwana	DS11CE006	05/04/2017	Electrocoagulation for post-treatment of UASB reactor-treated municipal wastewater	Dr M. Mansoor Ahammed
36)	Thorvat Akshay Ranjan	D12CE005	28/04/2017	Development of synthetic unit hydrographs for ungauged basins of Maharashtra, India	Dr J. N. Patel
37)	Nipa A. Desai	DS10CE001	28/08/2017	Travel mode shift behaviour study with respect to mass transit in a metropolitan context	Dr. Gaurang Joshi


 (Dr. Bhaven N. Tandel)
 Assistant Professor
 CED: SVNIT: Surat


 (Dr. S. M. Yadav)
 Professor & Head,
 CED: SVNIT: Surat