

Sr. No.	Year	Student Name	Co-Guide	Degree	Title of Thesis
M.Tech.					
1	2003	Prakash Ganapatrao Jadhav	–	M.Tech.	Preliminary studies on the effects of agricultural practices on groundwater quality in the Nanded Area
2	2003	Ajay Kumar Chaudhary	–	M.Tech.	Modelling of Particulate Emissions from Engine Exhaust
3	2004	Srinivas Vadlamani L. N.	–	M.Tech.	Characterization of disinfection byproducts in drinking water
4	2005	Namjoshi Aditya Ashok	–	M.Tech.	Performance evaluation of particulate control devices in the submicrometer particle size range
5	2006	Vasudeva Madav	–	M.Tech.	Measurement of Tar and Particulate Matter for Clean-up of Producer Gas from Thermal Gasification of Biomass
6	2007	M. R. Vignesh Prabhu	–	M.Tech.	Application of spectrometry in remote sensing for air quality monitoring
7	2007	Shyam Rathod	–	M.Tech.	Development of Teaching Tools for Distance Learning in Air Pollution
8	2008	Amit Kumar Singh Parihar	Prof. P.P. Parikh	M.Tech.	Comparative Study of Characteristics of Particulate Emissions from C.I. Engines Operating on Diesel and Bio-Diesels
9	2009	Krishna Harishchandra Perekar	Prof. P.P. Parikh	M.Tech.	Development of strategy for control of indoor air environment in a municipal power laundry
10	2009	Rama Shankar Prasad	Prof. Rashmi S. Patil	M.Tech.	Receptor Modelling of size segregated particulates
11	2009	Vikrant Bhalerao, (DESE Student)	Prof. P.P. Parikh	M.Tech.	Study of Gasifier System Performance As Influenced by Characteristics of Biomass Feed Materials
12	2010	Bhosale Krutuja Bharat	Prof. P.P. Parikh	M.Tech.	Development of Producer Gas Clean up System for Downdraft Biomass Gasification
13	2010	Dillip Kumar Dash	Prof. Rashmi S. Patil	M.Tech.	Assessment of Fugitive Emissions from Primary Aluminium Production
14	2010	Shah Munna Kumar	–	M.Tech.	Synthesis, Characterization and Performance Evaluation of Nano-powders for Photo-degradation of Benzene and Methyl Orange

15	2011	Jinu Maria Varughese	Prof. Anand Patwardhan	M.Tech.	Techno-economic Evaluation Model for Electricity Generation from Biomass Gasification
16	2012	Nishit Aman	–	M.Tech.	Urban Dust Profiles for Source Apportionment
17	2012	Vartika Gokhale	–	M.Tech.	Measurement and Modeling of Air Pollution by satellite Remote Sensing: A Perspective for Maharashtra
18	2013	Deepti Panchratna	Prof. Suparna Mukherji	M.Tech.	Wastewater Treatment Options for Small Scale Gasifiers
19	2013	Indra Kant Jha	Prof. Rakesh Kumar	M.Tech.	Studies for nutrient (N and P) from domestic sewage by hybrid constructed wetland
20	2013	Debkumar Mandal	Prof. Anurag Garg	M.Tech.	Evaluation of Micro-Gasifier Cookstove Performance with Region Sprcific Fuels
21	2013	Ananya Dey	Prof. Anurag Garg	M.Tech.	Study of TiO ₂ and CeO ₂ /TiO ₂ Nanoparticles for Gas Sensing Properties
22	2014	Shaveta Gupta	–	M.Tech.	(RCF, Confidential)
23	2014	G. Gopinath	–	M.Tech.	(RCF, Confidential)
24	2014	Anand Utsav	Prof. Harish Gadhavi, PRL	M.Tech.	Assessment of AOD and Particulate Measurements in Mumbai Area
25	2015	Sonal Abhay Pande	Prof. Harish Gadhavi, PRL	M.Tech.	Satellite and Ground based Monitoring of Air Quality at Indian Antarctic Base 'Maitri' and Two Indian cities
26	2015	Rashmi Agrawal	Prof. Rakesh Kumar	M.Tech.	Meteorological Aspect of Air Quality Modelling
27	2016	Vivek Negi	Prof. Rashmi S. Patil	M.Tech.	Air Quality Modeling and Monitoring Data Analysis For Assessment Of Air Quality Managenent Strategies
28	2016	Salana Sudheer	Prof. Rakesh Kumar	M.Tech.	Design And Development Of A Human Waste Management System
29	2017	Phalke Sneha Balaso	–	M.Tech.	Air Quality in Maharashtra: Multi-sensor Assessment
30	2017	Prakash Chand Baliwal	Prof. Rakesh Kumar	M.Tech.	Ventilation and Thermal Comfort in Kitchen

31	2019	Prerit Tak	Satish B. Agnihotri	M.Tech.	Experimental Studies to Evaluate Emissions from Cookstoves using Solid Fuels with a Focus on Reduction of Air Pollution
32	2020	Pratik Pradhan	Prof. Subhankar Karmakar	M.Tech.	Studies With Chemical Transport Model for Regional Air Quality Management
33	2020	Ved Prakash Vishwakarma	Prof. Harish C. Phuleria	M.Tech.	Performance Evaluation of Commercially Available Indoor Air Purifiers
34	2021	Saurabh Meena	Prof. Manaswita Bose DESE	M.Tech.	Study of Control of Emissions from High Ash Indian Coals in The Power Sector
35	2022	Peyyala Ram Kumar	Prof. Surya Durbha, CSRE	M.Tech.	Data Management of Air Pollution Source Inventory
M.S. By Research					
1	2019	Swetha Pendyala	Prof. Rakesh Kumar	M.S. By Research	Study of Particulate Matter in Indian Cities: Measurements, Modelling and Mitigation
2	2021	Birendra Kumar Rajan	Prof. Upendra Bhandarkar	M.S. By Research	Studies for Development of Biomass-Based Low Emission Fuels for Cookstoves
M.Sc. / M.Phil.					
1	2014	Vikas Dohare	–	M.Sc.	Development of Briquette Based Clean Cookstove for Rural India
2	2017	Ashish Khandelwal	–	M.Sc. + M.Phil.	Air Quality Monitoring Through Satellite Remote Sensing
Ph.D.					
1	2005	Rajesh Shaligram Keoti	Prof. P.P. Parikh	Ph.D.	Injection Process and Spray Characteristic as Influenced by Fuel Rates and Fuel Viscosities
2	2005	Suresh K. Varghese	–	Ph.D.	Absorbing Aerosols: Radiative Properties and Influences on Boundary Layer Processes
3	2008	Nitin Goyal	–	Ph.D.	Characterisation and Source Apportionment of Ambient PM2.5 and PM10 in Mumbai and Pune
4	2010	Selvakumar Narayanasamy	–	Ph.D.	Tar and Particulate matter assessment and control in Biomass Thermo-chemical Gasification Systems
5	2010	Tiwari Vinay Deviprasad	–	Ph.D.	Aerosol Synthesis of Nanocomposites materials for catalytic and Biomedical Applications
6	2014	Ratish M.	Prof. Rudolf B. Husar	Ph.D.	Multisensory Analysis of Aerosol Proportions and Patterns over India

7	2016	Siddappa S. Bhusnoor	1. Prof. Upendra Bhandarkar 2. Prof. P.P. Parikh	Ph.D.	Modelling and Experimental Studies for Particle Transport by Thermophoresis
8	2017	Vasudeva Madav	–	Ph.D.	Studies on Development of Producer Gas Clean-Up Systems for Small Scale Biomass Gasification
9	2017	Nitin M. Deodhar	Prof. Rashmi Patil	Ph.D.	Framework for Modelling of Probabilistic Peak Cooling Loads for Sizing of Air Conditioning Systems in Commercial Buildings
10	2017	Bojjagani Sreekanth	Prof. Rakesh Kumar	Ph.D.	Investigations Towards a Pragmatic approach for Air Quality Assessment in an Industrial Region: Chandrapur- A Case Study
11	2019	Darpan Das	Prof. Upendra Bhandarkar	Ph.D.	Studies for Emission Factors, Mitigation, and Ventilation of Pollutants from Coal Cookstoves
12	2022	Rasma K	Prof. Harish Gadhavi, PRL	Ph.D.	Air Quality Assessment Approaches Using Multi-sensory Data at Local and Regional Scales

Present Students

Sr. No.	Student Name	Co-Guide	Programme
1	Rujuta Chaudhari	Prof. Harish Gadhavi, PRL	Ph.D.
2	Mehta Umangi Hemant	Prof. Vamsi Botlaguduru	Ph.D.
3	Robin Singh	Prof. Tabish Nawaz	MS by Research
4	C M Sharath Barvathan	Prof. Swatantra Pratap Singh	B.Tech.+ M.Tech.