

S. No.	Scholar No.	Name of the Candidate	Name of Supervisors	Title of the Thesis	Date of Award of Ph.D.
1	63113201	<b>Pragya Nema</b>	Dr. Saroj Rangnekar, Dr. R.K.Nema	Optimization and development of controller for hybrid energy system	08-05-2010
2	73113204	<b>Amrita Mahor</b>	Dr. Saroj Rangnekar	Optimal generation scheduling of cascaded hydroelectric system: A case study at Narmada river	28-12-2010
3	113213203	<b>Trilok Singh Bisoniya</b>	Dr. Anil Kumar, Dr Prashant Baredar	Parametric thermal performance and energy analysis of earth-air heat exchanger	11-11-2014
4	113213202	<b>Uzma Qureshi</b>	Dr Prashant Baredar, Dr. Anil Kumar	Experimental investigation and soft computing modeling of Hybrid PVT Solar collector	16-02-2015
5	83113201	<b>Anula Khare</b>	Dr. Saroj Rangnekar	Optimal design of solar Photovoltaic systems for railway station	20-03-2015
6	113213204	<b>Vipin Shrivastava</b>	Dr. Anil Kumar, Dr Prashant Baredar	Drying Kinetics and Heat Transfer Analysis of Fenugreek using modified Indirect Solar Dryer	06-04-2015
7	73213202	<b>Prashant. V. Thakre</b>	Dr. Saroj Rangnekar	Design, Modeling and Performance study of digital controller for solar Photovoltaic system	28-04-2015
8	123113202	<b>Om Prakash</b>	Dr. Anil Kumar	Design and performance analysis of modified green house dryer	06-05-2015
9	93113201	<b>Satish Kr. Yawle</b>	Dr. Manmohan Kapshhe, Dr. Aashish Deshpande	Technology options for Mitigation of Energy Emission from Indian Residential and Transport Sector	20-05-2015
10	123113201	<b>Arisutha A.</b>	Dr Prashant Baredar, Dr.D.M. Deshpande	Performance Analysis and Parametric evaluation of different substrate for Biogas production	29-05-2015
11	83213202	<b>Archana Soni</b>	Dr. Arvind Mittal, Dr. Manmohan Kapshhe	Energy intensity of Indian manufacturing industries: A Panel Data Analysis	29-06-2015
12	93213201	<b>S. R. Awasthi</b>	Dr. Saroj Rangnekar	Optimal operation of a multi unit hydroelectric power plant	10-07-2015
13	73213208	<b>A.H. Saifee</b>	Dr. Vishnu Prasad, Dr. Arvind Mittal	Design and Development of a novel constant voltage axial flux permanent magnet generator for wind energy system	24-07-2015
14	73213207	<b>K.N. Shukla</b>	Dr. Saroj Rangnekar	Modeling and Performance Evaluation of Horizontal and tilted PV modules	29-09-2015
15	83213201	<b>Manish Khemariya</b>	Dr. Arvind Mittal, Dr. Vishnu Prasad	Modeling Simulation Optimization of Standalone Solar PV and Fuel Cell based Integrated Energy System	08-10-2015
16	93113202	<b>Vishal Gupta</b>	Dr. Arvind Mittal	A numerical Study on Hydrodynamic parameter of Pelton turbine.	27-01-2016
17	83213203	<b>Meena Agrawal</b>	Dr. Arvind Mittal	Multi-agent system for optimal operation and control of micro grids	31-01-2016
18	83113202	<b>Payal Suhane</b>	Dr. Saroj Rangnekar, Dr. Arvind Mittal	Modeling and sizing of Wind-PV based standalone hybrid energy system using Ant Colony Optimization Technique	08-02-2016
19	123213203	<b>Vikas Khare</b>	Dr Prashant Baredar, Dr. Savita Nema	Performance Prediction and Investigation of HRES using different Optimization Technique	16-08-2016
20	133118001	<b>Prashant Singh Chauhan</b>	Dr Anil Kumar	Thermal modeling of north wall insulated green house dryer	05-03-2017
21	123213201	<b>Ashish Javed Siddiqi</b>	Dr. S.K.Bhardwaj, Dr D P Kothari	Design and Development of Self-Sustainable and Reliable Hybrid Energy System Model for Rural Villages	29-04-2017
22	123213202	<b>Rahul Agrawal</b>	Dr. S.K.Bhardwaj	Optimal Location of Multi-Type Flexible AC Transmission System using Evolutionary Optimization Techniques	31-07-2017
23	143118001	<b>Akash Kumar Shukla</b>	Dr. K. Sudhakar, Dr. Prashant Baredar	Techno-economic analysis of building integrated photovoltaic system	23-04-2018
24	133118002	<b>Anand Singh</b>	Dr Prashant Baredar	Simulation and Optimization of solar PV biomass and fuel cell hybrid energy system	04-06-2018
25	143218004	<b>Geetam Richhariya</b>	Dr. Anil Kumar	Fabrication and Characterization of Dye sensitized solar cell using natural and synthetic organic dyes	05-09-2019
26	143118003	<b>Amit Kumar Rohit</b>	Dr. Saroj Rangnekar	Modelling simulation and performance evaluation of lithium polymer battery as energy storage for Solar PV Module	24-10-2019
27	143218002	<b>Sanjay Chalotre</b>	Dr Prashant Baredar, Dr Sanjay Soni	Performance enhancement of MPSEFI-ST Engine by controlling intake air temperature	23-06-2020
28	143218005	<b>Ruma Arora Soni</b>	Dr. K. Sudhakar	Experimental analysis of spirulina cultivation in open pond and photobioreactor	24-07-2020
29	143218003	<b>Arpita De</b>	Dr.R.S.Rana, Dr. Arvind Mittal	Optimal sizing and positioning of grid integrated distributed generator	24-08-2020
30	133218002	<b>Arun Kumar Sharma</b>	Dr Prashant Baredar	Mechanical properties enhancement of fly ash roof tiles prepared using waste additives	21-10-2020
31	143218007	<b>Alok Kumar Sahu</b>	Dr. K. Sudhakar, Dr RM Sarviya	Design and Development of polymer based floating structure for PV system	19-11-2020
32	133218001	<b>Anand Jain</b>	Dr. Anil Kumar, Dr Atul Sharma	Numerical characterization and energy analysis of solar drying systems	21-01-2021
33	163118004	<b>Kavali Janardhan</b>	Dr. Arvind Mittal, Dr Amit Ojha	Design Development and Performance evaluation of micro Multi level Inverter for solar PV system	26-05-2021
34	143218001	<b>Shivkumar Sonkar</b>	Dr. P. M. Mishra, Dr. Ajay Verma	Performance analysis and evaluation of combustion characteristics of non edible bio fuel	10-06-2021
35	143118002	<b>Mary Debbarma</b>	Dr. K. Sudhakar, Dr Prashant Baredar	Experimental Studies on Building integrated photovoltaic Thermal Systems	02-05-2022
36	153218001	<b>Chandra Bhushan Tripathi</b>	Dr Prashant Baredar	Exploration of invasive weeds and agriculture residue to generate electricity through gasification in MANIT, Bhopal	30-03-2023
37	163118003	<b>Sanjeev kumar Bhukesh</b>	Dr. Anil Kumar, Dr Suresh Kumar Gawre	Simulation Modelling and Experimental Validation of Semi-Conductor based Thermoelectric Generator	08-09-2023
38	163118002	<b>Lovebrat Saxena</b>	Dr Archana Soni, Dr Anil Kumar	Design and Modelling of Parabolic Trough Collector Solar Field	05-07-2024
39	193118001	<b>Arun Kumar Dwivedi</b>	Dr Archana Soni	Impact Assessment of Energy and Climate Policies on Energy Use and Environment in India: Production vs Consumption Approach	26-07-2024
40	163118005	<b>Pushpendu Dwivedi</b>	Dr Archana Soni, Dr K Sudhakar	Design Development and Performance Evaluation of Cooling Technologies for Solar PV System	16-08-2024
41	193118002	<b>Raj Kumar Malviya</b>	Dr Prashant Baredar, Dr Anil Kumar	Design Development and Performance Evaluation of Modified Solar Thermal Water Pumping System	04-12-2024
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43	173118001	<b>Lokesh Udhvani</b>	Dr Archana Soni	Design & Performance Analysis of Active daylight System using Optical fibre for composite Climate in India	
44	203118001	<b>Harsh Patidar</b>	Dr Prashant Baredar	Wind power prediction and designing of offshore windfarm at Gulf of Khambhat using Numerical and Metaheuristic optimization method	
45	203118002	<b>Akash Patel</b>	Dr Archana Soni	Numerical and Analytical investigation of cross linear concentrated Solar Power System with Rectangular Cavity Receiver	
46	203118003	<b>Aditya Sirsa</b>	Dr Arvind Mittal	Performance investigation of standalone solar pv system with fault tolerant multilevel inverter	