

List of Registered Ph.D. Students & Guide

Sr.No.	Enrollment No.	Name of Ph.D. Holder	Date of Regn. for Ph.D.	Topic of Ph.D.	Name of Guide	Remarks
CIVIL ENGINEERING & APPLIED MECHANICS : --						
1	0801CE07PD76	Ms. Kashfina Kapadia	10.120.2007	Real Time Water Management in Urban Water Supply System-A case Study	Dr. S.M.Narulkar	
2		Shri Mithlesh Nigote	02.04.12	Study of Bamboo reinforced concrete under slow cyclic loading	Dr .Uttamasha Gupta	
3	0801CE09PD83	Mr. Girish Parulkar	13.10.2009	Development of a Water Demand Management Model for an Urban Area A case study.	Dr. S.M.Narulkar	
4	0801CE09PD84	Ms. Raana Pathak	13.10.2009	Seismic Vulnerability of RC Shell and Spatial Structures	Dr. Rakesh Khare	
5	0801CE09PD79	Mr. Mukesh Kumar Chauhan	12.05.2009	Regional Water Resources Planning for Malwa Region - A Case Study	Dr. R.K.Shrivastava	
6	0801CE10PD13	Ms. Raksha Parolkar	07.06.2012	A Study on Structural Behavior of Fly Ash based Green Concrete under Cyclic Loading.	Dr. Uttamsha Gupta	
7	0801CE10PD14	Mr. Amit Melani	08.02.2012	Earthquake Risk Analysis of Reinforced Concrete Frame Structures.	Dr. Rakesh Khare	
8	0801CE10PD12	Mr. Vijay Kumar Baradia	18.02.2012	Seismic Mitigation of RC Structural Wall System	Dr. Rakesh Khare	
9	0801CE10PD19	Mr. Satish Kumar Jain	02.11.12	A Critical Study on Sedimentation useful life of Reservoir.	Dr.R.K.Shrivastava	
10	0801CE11PD07	Mr. Atul Bhatore	20.09.2012	Pavement Performance Modeling for Rural Roads.	Dr.(Mrs.Vandana Tare)	
11	0801CE11PD11	Ms. Usha Dwivedi	21.10.2012	Impact Assessment of a large Reservoir-A hydrologic Hydraulic perspective in Reference to Climate Change.	Dr. S.M.Narulkar	
12		Mr. Rajesh Chaturvedi	8.11.12	Seismic Mitigation of Existing Brick Masonry Building in Central India.	Dr.Uttamasha Gupta	
13	0801CE11PD08	Mr. Devendra Dohare	09.11.12	Investigation of Electrode fluoridation of drinking water using appropriate electrodes.	Dr. D.J.Killedar	
14	0801CE12PD03	Mr. Krishna Kumar Shrivastava	01.08.2013	Municipal Liquid Waste Management Pollution Abatement Strategies for River Khan and River Kshipra	Dr. R.K.Shrivastava	

15	0801CE12PD04	Mr. Ramkishore Shukla	13.08.2013	Urban Municipal Solid Waste Management- Development of a Strategic Plan for Gwalior City	Dr. R.K.Shrivastava	
16	0801CE12PD02	Ms.Priya Chauhan	25.07.2013	Optimization of a Multiple Reservoir System using Evolutionary Algorithm.	Dr. S.M.Narulkar	
17	0801CE12PD05	Mr.Hemant Babulal Vasaikar (QIP)		Elasto Plastic Analysis of Plates with Holes by Using Higher Order Shear Deformation Theory	Dr.Vijay Rode	
18	0801CE13PD07	Mr. Vivek Tiwari	16.03.2015	A Study on Flexural Behaviour of High Strength Reinforced Concrete Subjected to Slow Cyclic Loading.	Dr. Uttamsha Gupta Dr. U.B.Choubey	
19	0801CE16PD11	Ms. Rewa Bochare	4.8.2017	A rapid Modelling approach for development of storage Yield Reliability relationship for Indian rivers.	Dr. R.K.Shrivastava	
20	0801CE16PD10	Ms.Mugdha Trivedi	4.8.2017	Development of Optimal operating policies for reservoirs using evolutionary algorithms	Dr. R.K.Shrivastava	
21	0801CE16PD08	Mr.Lalitesh Sinha	4.8.2017	Optimal operation of a multi reservoir system under uncertainties	Dr. S.M.Narulkar	
22	0801CE16PD	Mr. Sudhanshu Dixit		Development of Hydrologic and Hydraulic Model For Flood Mitigation and Management.	Dr. R.K.Shrivastava	

ELECTRICAL ENGINEERING

1	0801EE05PD18	Ms. Asha Atul Gaikwad	08.11.2005	Intelligent algorithm for optimization of radial distribution network	Dr. L.D.Arya & Dr. Rakesh Saxena	
2		Shri Girish Kumar Anand	26.08.2008	Noise and Harmonics Suppression Technologies.	Dr. Rakesh Saxena	
3		Shri Ram bhau Gaikwad	3.12.07	Analysis and Control of voltage Source Converter for Renewable Energy Application.	Dr. R.K.Saxena	
4		Shri Praveen Kumar Gautam	22.09.2008	Reliable and Secure Communication in Adhoc Mobile Network.	Dr. Nirved Kumar Pandey	
5		Shri Sumit Jain	28.08.2008	Retrieval Analysis & Reformulation of Ontologies.	Dr. N.K. Pandey & Dr.L.D.Arya	
6		Shri Sanjay Bansal	11.03.2010	Improvement in existing distributed computing techniques using java and others similar means in	Dr. Rakesh Saxena	
7		Shri Amiyaraj Chouhan	29.03.2010	Performance enhancement of SRM & BLDC motor using switching technique.	Dr. Rakesh Saxena	

8	0801EE10PD03	Ms. Cheshta Jain	16.02.2012	Optimal Automatic Generation Control	Dr.L.D.Arya & Dr. H.K.Verma	
9		Shri Aditya Tiwary	15.3.2012	Reliability Evaluation of Distribution System with Random Repair Time Omission and Optimization	Dr. L.D Arya	
10	0801EE11PD12	Mr. Ashutosh Kashiv	8.11.2012	Optimised restructuring of power system with non conventional sources.	Dr.H.K.Verma	
11	0801EN11PD02	Mr. Ram Kishan Khatri	31.10.2012	Energy Management Control Resources Monitoring for their effective utilization and better performance.	Dr.Rakesh Saxena	
12	0801EE10PD16	Mr.Ravindra Singh Mandloi	10.09.2012	Design, Analysis Performance Comparison of Inverter Fed AC Motor Drive.	Dr. Rakesh Saxena	
13	0801EE11PD11	Mr. Animesh Kumar Masih	8.11.12	Optimal Operation of Power Systems Incorporating Distributed Energy Resources.	Dr. H.K.Verma	
14	0801EE12PD05	Ms. Shilpa Patel	11.9.2013	Power Quality Issues: Monitoring, Analysis, Management & Mitigation.	Dr. R.K.Saxena	
15	0801EE12PD06	Ms. Prachi Mafidar	17.12.2013	Optimal Operation of Smart Grid	Dr. H.K Verma	
16	0801EE14PD01	Ms. Menka Dubey	29.5.2015	Solar Photo Voltaic Energy System for Autonomous Application Employing AC Drive	Dr. R.K.Saxena & Dr.Shailendra Sharma	
17	0801EE14PD03	Mr.Shyam Sunder Sharma	4.6.2015	Power Quality Improvement in Energy Efficient Lighting System.	Dr.Rakesh Saxena & Dr. Shilendra Sharma	
18	0801EE14PD02	Mr. Sunil Vasantrao Patil (QIP)	20.5.2015	Performance evaluation & comparison of Switched reluctance motor, Permanent magnet Synchronous motor & Brushless DC Motor for Electric Vehicle Application.	Dr. Rakesh Saxena	
19		Mr. Vishwanth Tiwari (QIP)	25.10.2017		Dr. Shailendra Sharma	

MECHANICAL ENGINEERING :-

1	0801ME08PD53	Mr. Satish Purohit	08.02.2008	Product Development - Suspension System	Dr. S.R. Lapalikar	
2	0801ME11PD06	Mohd. Irfhan Khan	29.11.2012	Analysis of Solidification and Filling of Metal in Sand Casting Process for Defect Prevention	Dr.Durgesh Joshi	
3		Mr. Deepak Tripathi	02.01.13	Tribology of Simply Supported Bearings.	Dr.Kartikeya Tripathi	

4	0801ME11PD09	Shri Sanjay Jathar	07.11.2012	Analyzing the Eco-performance of Sand Castings using Life Cycle Assessment and Multi-variate Tools	Dr. Milind Dandekar	
5	0801ME12PD03	Mr. Rajeev Namdeo	09.07.2013	Tribological Study of Maleic Anhydride Grafted Polyethylene Modified Ethylene-Co-Vinyl Acetate/High	Dr. Smita Manepatil & Dr. Sudhir Tiwari	
6	0801ME11PD08	Mr. Ramnendra Mandloi	29.11.12	Critical Study of Multivariate Techniques in Wire Coating Process Optimization	Dr. R.C. Gupta	
7	0801ME16PD03	Shri Gautam Yadav	15.7.2017	Design, Analysis and Investigation of Composite Material for Bio-Medical Device Development	Dr. M.L.Jain	
8	0801ME14PD01	Vijay Gehlot	27.7.2016	Modelling Prototyping and Analysis of Dynamic Ankle Foot Orthosis for Clubfoot Deformity Correction in Baby using Reverse Engineering & Biomechanics	Dr. M.L.Jain	
9		Mr. Abhay Agrawal (QIP)	12.7.2013	Modelings, Simulation and Experimentation of direct injection of fuels in internal Combustion Engine.	Dr. Kartikey Tripathi	
10		Mr. Vinod Parashar		Design and investigation of transient behavior of small sized parabolic trough through CFD		

COMPUTER SCIENCE & ENGINEERING

1	0801CS16PD06	Mr. Yunus Khan	13.9.2017	Development & Implementation of Evidence Collection strategy for Cloud Forensic.	Dr. Sunita Verma	
2	0801CS10PD01	Mr. Khitij Pathak		Investigations in Privacy Preservation and Performance Enhancement for Data Mining Process	Dr.N.S.Choudhari Dr. Aruna Tiwari	
3		Ms.Veena Trivedi		Measurement of Similarity Measures in XML Scheme Matching with Application to Clustering	Dr.Aruna Tiwari	
4	0101CS14PD05	Mr. Deepika Jain	3.6.2017	Development of Comprehensive Optimization Strategy for Wireless Sensor Network using Metaheuristic approaches	Dr.Piyush Shukla, Dr. Sunita Verma	

ELECTRONICS & TELECOMMUNICATION ENGINEERING: --

1	0801EC11PD15	Ms. Rekha Jain	8.11.12	Performance Analysis of Routing Protocols in Wireless Sensor Network.	Dr. P.D.Vyavahare	
2	0801EC11PD21	Mr. Manish Sahajwani	24.12.12	FPGA Implementation of AMBA Bus.	Dr. P.P.Bansod	
3	0801EC13PD01	Mr.Pradeepkumar Moraribhia Shah	22.8.2015	Performance Evaluation of Modern Channel Codes in Wireless Communication System.	Dr. P.D.Vyavahare Dr. Anjana Jain	

4	0801EC09PD25	Ms. Anju Lata Yadav		Performance Evaluation of QOS in Mpls and Wimax Networks	Dr. P.D.Vyavahre	
5	0801EC10PD06	Mr. Yudhishthir Raut	16.02.2012	Lossless 4D FMRI Image Compression using High Efficiency Video Coding (HEVC/H.265)	Dr. R.S.Gamad	
6	0801EC11PD23	Ms. Alpana Amit Deshmukh	01.08.2013	An Optimum Way to Implement and Test Analog and Mixed Singal Circuits.	Dr. D.K.Mishra	
7	0801EC14PD07	Mr.Shivram Mansore (QIP)		Improvement in Design Techniques for Stable and Reliable Sram for Low Power Applications	Dr.R.S.Gamad Dr. D.K.Mishra	
ELECTRONICS & INSTRUMENTATION ENGINEERING: --						
1	0801EI10PD04	Ms. Vaishali Naik	08.5.12	Determination of IMI in ultrasound images of carotid artcoy using adaptive segmentation.	Dr. R. S. Gamad	
2	0801EI11PD02	Ms. Awanee Killedar Subhedar	9.11.12	Modeling and Simulation of System-on-Chip (SOC) for wireless Biomedical Signa Inteface for Body Sensor	Dr.D.K.Mishra	
3	0801EI11PD03	Mr. Ram Chandra Gurjar	08.11.12	Study of various Techniques of Frequency Tuning & Phase Noise Reduction of DCO using Simulation & Modeling.	Dr.D.K.Mishra	
4	0801EI10PD08	Ms. Bhawana Garg	21.02.2012	Dynamic Testing of ADC using Noise as Stimuli.	Dr. D.K. Mishra	
5	0801EI14PD03	Ms. Gauri Gupta	11.7.2013	Analysis of Foot Pressure Profiles for Staging of a disease Sports Medicin.	Dr. P.P.Bansod	
6	0801EI10PD07	Mr. Rajesh Khatri	16.02.2012	Design and Performance Optimization of Ultra wide Band CMOS RF Receiver Front End.	Dr. D.K. Mishra	
7	0801EI10PD09	Mr. Virendra Kumar Verma	16.02.2012	Study of Phase Noise and Jitter in Fractional N Phase Locked Loop through Modeling and Simulation.	Dr. D.K. Mishra	
8	0801EC10PD05	Ms.Rajani Gupta	16.02.2012	Qos Consideration in Medical Data Transmission	Dr. R. S. Gamad	
9	0801EI10PD05	Mr. Manish Barve	16.02.2012	Estimation of Spectrum of Multifrequency Singnal using FFT based Dynamic Testing of ADC.	Dr. D.K. Mishra	

10	0801EI10PD03	Mr. Preet Jain	27.02.2012	Built in Self Test (BIST) for Biomedical System on Chip (Bio-SoC)	Dr. D.K. Mishra	
11	0801EI17PD01	Mr.Nitesh Kumar Soni	28.08.2018	Design of Fractional Order Controller for Non Liner Control System,		
INFORMATION TECHNOLOGY:						
1		Ms. Varshali Jaiswal	15.03.12		Dr. Rajeev G.Vishwakarma & Dr. Aruna Tiwari	
INDUSTRIAL & PRODUCTION ENGINEERING						
1	0801ME09PD82	Ms. Pallavi Sharma	23.05.2009	Comparative Analysis of Assembly Line Balancing Techniques using MCDM Approaches	Dr.R.C.Gupta	
2	0801ME16PD05	Mr. Sudhir Chaurey	15.7.2017	Investigation of Total Productive Maintenance of Organi	Dr. R.C. Gupta & Dr. S.D. Kalpande	
BIO-MEDICAL ENGINEERING						
1	0801BM14PD01	Mr. Aniket Kulkarni	29.5.2015	Development of Segmentation algorithm for Medical Image Processing.	Dr. P.P.Bansod	
2	0801BM14PD02	Ms. Vibha Bhatnagar	29.5.2015	Human Tongue Image Analysis for Diseases Diagnosis.	Dr. P.P.Bansod	
3	0801BM16PD01	Mr. Vinay Manurkar	8.9.2017	Non Invasive Technique for Determination of Body Fluid	Dr. P.P.Bansod	
PHARMACY:						
1	0801PY10PD04	Mr. Saurabh Maru	20.04.12	Studies on designing and development of drug delivery system for effective management of chloroquine resistant malaria.	Dr. T.R.Saini	
2	0801PY10PD06	Mr. Vijay Kumar Shrivastava	20.4.12	HIV integrase inhibitors: Molecular modeling synthesis & erologicoevale.	Dr.(Mrs.)Meena Tiwari	
3		Ms Anshu Joshi	20.04.12	Design development & evaluation of hydrotrope assisted drug delivery system.	Dr.R.K.Maheshwari	

4	0801PY16PD04	Mohammad Farooq Mansuri	15.9.2017	Synthesis of chemically Modified Chitosan for Development	Dr. T.R.Saini & Dr. V.K.Mourya	
5	0801PY09PD40	Mr. Mehul Zaveri		Design Synthesis and Biological Evaluation of Some Anti-Malarial Agents Effective Against Plasmodium Falciparum.	Dr. Neha Kawthekar	
6	0801PY08PD31	Mr. Prakash Kumar Soni	08.10.2008	Design and Development of Nano Carrier Based Ocular Drug Delivery Systems for Glaucoma.	Dr. T.R. Saini	
7	0801PY07PD33	Mr. Suresh Kumar Paswan	24.08.2007	Design and Development of Drug Delivery System for Breast Cancer.	Dr.T.R.Saini	
8	0801PY10PD07	Mr.Vineet Dubey	15.02.2012	Development of Long Acting Depot systems of Antipsychotic Drugs.	Dr.T.R.Saini	
9	0801PY10PD03	Mr. Priyanka Kamaria	15.02.2012	Computer assisted design, synthesis and biological Evaluation of antimalarial agents.	Dr.Neha Kawthekar	
10	0801PY09PD35	Mr.Pradeep Chouhan	14.07.2009	Development of Drug Delivey System for Nail Fungal Infection.	Dr.T.R.Saini	

APPLIED CHEMISTRY (DAVV Indore)

1	DS/00/012776	Ms. Urmila Raghuvanshi	18.05.2010	Development of Drug Delivey System for Nail Fungal Infection.	Dr. Nitin Sapre	
2	DS/004/00146	Ms. Tarang Bhati	18.05.2014	In-silice profiling of lead candidaes : Computational Modeling Studies on anti-HIV-a analogues.	Dr. Nitin Sapre	
3	DS/00/5746	Ms.Vandana Rajopadhyay	18.05.2010	Protein Interatin Mechanism for HIV-I : A Computational Modelling Approach.	Dr. Nitin Sapre	
4		Mr. Balchand Dangi	28.11.2017		Dr. Nitish Gupta	

APPLIED MATHEMATICS (DAVV Indore)

1	DS/00/13930	Ms. Ranu Sharma	14.11.2013	Generalizations of Topological Spaces	Dr.Smita Verma	
2		Ms. Aarti Sharma	16.11.2010	Mathematical Study of some Aspects of Wavekets & Applications.	Dr.Smita Verma	

3		Ms. Bhagyashri Deole	01.03.2011	Some Generalization of Connectivity and its Related Concepts in Fuzzy Topology.	Dr. Smita Verma	
4		Ms. Megha Jain	15.03.2011	Some Topics if B-Spline & Bezier curves and surfaces related to CAGD.	Dr. Ashok Ganguly	
5		Ms. Aditi Garg			Dr. Smita Verma	
6		Ms Purva Rajwade	27.11.2017		Dr. Rachna Navlakhe	
7		Ms. Nidhi Bhandari	27.11.2017		Dr. Rachna Navlakhe	

APPLIED PHYSICS (DAVV Indore)

1	DS/00/05412	Mr. Omprakash Choudhary	29.11.2013	Design Fabrication and Characterization of Optical Coherence Tomography on a Chip.	Dr. J.T. Andrews	
2	IER/XI/App. Physics/11/161	Mr. Vipin Kumar Kaushik	09.02.2010	Fabrication and characterization of some oxide based semiconductor thin films using indigenously developed aerosol assisted chemical vapor deposition (AA-CVD) system.	Dr. P.K. Sen	
3	IER/XI/App. Physics/14/649	Mr. Vishal Jain	18.11.2013	Linear and Nonlinear Optical Properties of Long Period Grating for Optical Communication and Sensors.	Dr. Shubhada Kumbhaj	
4	IER/XI/App. Physics/14/650	Mr. Lokesh Jain	29.11.2013	Optical Phase Conjugation by Stimulated Brillouin Scattering in Piezoelectric semiconductor quantum wire and dots.	Dr. P.K. Sen	^^