



GOVERNMENT COLLEGE OF ENGINEERING

Station Road, Osmanpura, AURANGABAD-431 005 (M.S.)

"In Pursuit of Global Competitiveness"

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No./GECA/Ph.D./ 2018/

Date: 1/10/2018

List of students admitted to Ph.D. in Government College of Engineering Aurangabad (Total=101)

Sr. No.	Name of Research Scholar	Full Time / part-time	Guide Allotted	Topic of Research	Date of Admission	Completed/ Notcompleted
CIVIL ENGINEERING						
1	NIKAM NEELKANTH GOPALKRISHNA	Part-Time	Dr. D.G.Regulwar	Conjunctive use of surface and ground water in fuzzy environment for sustainable irrigation planning	30/07/2008	Completed
2	PATIL SANTOSH KALYANRAO	Part-Time	Dr. S.S.Valunjkar	Rainfall-Runoff Analysis Using Soft Computing Techniques.	August-2009	Completed
3	SAPKAL RAMESH SHANKARRAO	Part-Time	Dr.S.S.Valunjkar	Water Quality Index For Evaluation of River Water Quality for Drinking Purpose.	Sept-2009	Ongoing
4	THETE AJIT RAMRAO	Part-Time	Dr. D.G.Regulwar	A Decision Support System for Sustainable Water Resources Management in River Basin under Fuzzy	August-2009	Ongoing

				Environment		
5	MOHAMMED SADEQUE MD. ISHAQUE	Part- Time	Dr.K.A.Patil	Experimental Evaluation of Bitumen and Bituminous Concrete by Using Different Additives.	July-2010	Completed
6	PATIL GANESH KESHAVARAO	Part- Time	Dr. P.A.Sadgir	Water Treatment With Biocoagulant And Bioadsorption.	19/07/2010	Completed
7	SARDA PURUSHOTTAM RADHESHAM	Part- Time	Dr. P.A.Sadgir	Reservoir Water Quality Modeling Using ANN And Multiple Linear Regression.	20/07/2010	Completed
8	KHARAT PALLAVI VISHNU	Full Time	Dr. R.V.Shetkar	Vaporation Modeling In Reservoir Using Data Driven Technique.	07/09/2013	Completed
9	VIKHE SUBHASH DHURAJI	Full Time	Dr.K.A.Patil	Integrated Remote Sensing and GIS in Erosion Evaluation for Land Use Planning in River Basin	03/10/2013	Completed
10	DABHADE PUSHPAK DILIP	Part- Time	Dr. D.G.Regulwar	Sustainable Multiobjective Multi Reservoir Operations	05/09/2013	Ongoing
11	GANDHARE KISHOR UDHAORAO	Part- Time	Dr. R.V.Shetkar	Hydropower Reservoir Simulation Studies After Lowering Power Mddl	05/09/2013	Ongoing
12	KANKAL SANDEEP BHIMRAO	Part- Time	Dr. P.A.Sadgir	Optimal Removal of Heavy Metal Pollutants From Aqueous Solutions Using Locally Available Low Cost Adsorbents	05/09/2013	Ongoing
13	PATIL RAJENDRA AMAGONDA	Part- Time	Dr. R.V.Shetkar	Prediction Of Sediment Deposition In Reservoir Using Data Driven Techniques	07/09/2013	Completed
14	SARAF VIDYA ROHIDAS	Part-	Dr. D.G.Regulwar	Evaluating Potential	05/09/2013	Completed

		Time		Impact of Climate Change on Hydrological Variables in Upper Godavari River Sub Basin, India using SWAT		
15	SHINDE SUNIL DATTATRAYA	Part- Time	Dr.K.A.Patil, Dr. P.A.Sadgir	Study of Impact of Polluted River Water on Ground Water and Its Suitability For Irrigation	06/09/2013	Completed
16	AGALE PRIYANAND KACHRU	Part- Time	Dr. P.A.Sadgir	Compact System of Open Channel for Polluted Water Purification .	22/09/2014	Ongoing
17	ANSARI AHMED IQBAL MOHAMMAD ABID	Part- Time	Dr.K.A.Patil	Evaluation of Thermal Performance Model for Assessment of Thermal Comfort in Building.	22/09/2014	Ongoing
18	KUMAWAT HASTIMAL SHIVAJI	Part- Time	Dr. D.G.Regulwar	Multiobjective Optimization of Multireservoir System for River Basin Management.	22/09/2014	Ongoing
19	LAMB PRASAD BALBHIM	Part- Time	Dr. P.A.Sadgir	Reduction of Fluoride Ion From Water by Utilization of Natural Bioadsorbent.	22/09/2014	Ongoing
20	NAGARGOJE SONALI RAMKRISHNA	Part- Time	Dr. D.G.Regulwar	Uncertainty Estimation In Hydrological Modeling of Watershed in Godavari River Basin in India	23/09/2014	Ongoing
21	RASHMITA SRINIVASAN	Part- Time	Dr. P.A.Sadgir	Lead Removal Efficiency by Using Bioadsorbent and an Alternative Material	22/09/2014	Ongoing

22	SURVASE SHILPA RAJGOPAL	Part- Time	Dr. D.G.Regulwar	Multiobjective Optimization for Optimal Reservoir Operation	22/09/2014	Ongoing
23	MOHD. NASEEM AHMED ABDUL KAREEM	Part- Time	Dr.K.A.Patil	Bearing Capacity Improvement of Soft Clays by Using Reinforcements.	22/09/2014	Ongoing
CIVIL STRUCTURE						
1	GANDHE GAJENDRA RAMAKANT	Part- Time	Dr. Y.M.Ghugal	Thermo-elastic stress analysis of beams and plates by integral transform technique	26/07/2010	Completed
2	JAIN INDRAJEET MULAMCHAND	Part- Time	Dr. R.S.Londhe	Parametric Studies of Tall Buildings Under Lateral Load	17/07/2010	Ongoing
3	MANGULKAR MADHURI NILESH	Part- Time	Dr. S.S.Jamkar	Study of particle packing theories for mix proportioning of concrete	26/07/2010	Completed
4	PECHE RAJESH TUKARAMJI	Part- Time	Dr. S.S.Jamkar	Study of use of grey water on properties of concrete.	17/07/2010	Ongoing
5	AWSARMAL PRASHANT RAMESH-PATIL	Part- Time	Dr. R.M.Damgir	Performance & Optimization of Steel Fiber Reinforced Metakaolin Concrete Subjected to Elevated Temperature.	09-02-2012	Ongoing
6	MOHAMMED ISHTIAQUE MD. ISHAQUE	Part- Time	Dr. M.G.Shaikh	Fracture Properties Of Concrete Reinforced With	08-02-2012	Completed

				Mixed Fibers		
7	SALUNKHE UMESH SURESHCHANDRA	Part- Time	Dr. M.G.Shaikh	Fracture Mechanics of Heavy Weight Concrete	08-02-2012	Ongoing
8	YEREKAR ASHOK WAMANRAO	Part- Time	Dr. R.S.Londhe	Experimental Investigations on Viability Study on Behaviour of Geopolymer Concrete Beams Reinforced with Geosynthetics Fibres (GPCGSF) under Shear	04-02-- 2012	Ongoing
9	HAKE SANDEEP LAXMAN	Full Time	Dr. R.M.Damgir	Investigation on mechanical properties of heat curried geopolymer concrete.	22/08/2012	Completed
10	SYED WASIM NAWAZ RAZVI MATEEN	Full Time	Dr. M.G.Shaikh	Ductile Behavior of RCC structure using ferromesh	22/08/2012	Completed
11	KARAD RESHMA MOHANRAO	Full Time	Dr. P.B.Murnal	Design guidelines for sliding base isolation systems	07/09/2013	Ongoing
12	CHOUDHARY POONAM BABURAO	Part- Time	Dr. M.G.Shaikh	Influence of size, shape and texture of aggregates on fracture parameters of concrete	07/09/2013	Ongoing
13	PAWAR SHRIKANT NANDLAL	Part- Time	Dr. P.B.Murnal	Behaviour of RC Beam- column joint under lateral loading	22/09/2014	Ongoing

14	MOHSIN SYED	Part-Time	Dr. M.G.Shaikh	Durability of concrete structures	2017	Ongoing
15	H. A. ADMANE	Part-Time	Dr. P.B.Murnal	Variable Frequency Pendulum Isolator	2018	Ongoing
16	S. C. DHARMADHIKARI	Part-Time	Dr. S.S.Jamkar	Experimental Investigation on Mix Proportioning of Concrete Using Recycled Concrete Aggregates	2018-19	Ongoing
17	J.P. BHANDARI	Part-Time	Dr. S.S.Jamkar	Study of Flexural Parameters of High Strength Reinforced Concrete	2018	Ongoing
18	RAM CHATORIKAR	Part-Time	Dr. S.S.Jamkar	Study of Durability Aspects Geopolymer High Performance Concrete	2018	Ongoing
MECHANICAL ENGINEERING						
1	BHALKIKAR NITIN SADASHIVRAO	Part time	Dr. Akarte Milind M.	Evaluating and Benchmarking Collaborative practices: In SMES	Sep 20, 2007	Completed
2	GHONGADE NILESH PANDHARINATH	Part time	Dr. R.M.Warkhedkar	Analysis and evaluation of limb alignment in total knee replacement	July 16, 2010	Completed
3	KHAN SUBIM NABILAL	Part time	Dr. R.M.Warkhedkar	Correlation between BMD and radio intensity of human bones for strength	July 16, 2010	Completed

				evaluation		
4	PATIL NITIN YASHWANT	Part time	Dr. R.M.Warkhedkar	Evaluation and assessment of productivity in manufacturing industries using knowledge management.	July 16, 2010	Completed
5	RATHORE MAHESH MATHURAPRASAD	Part time	Dr. R.M.Warkhedkar	Development of Test protocol for performance characterisation of direct steam generating solar concentrators	July 16, 2010	Completed
6	SARANGE SHREEPAD MAROTRAO	Part time	Dr. R.M.Warkhedkar	Modeling and fabrication of porous structure components for bio medical applications by rapid prototyping manufacturing	July 16, 2010	Completed
7	WAGHOLE DNYANESHWAR RAMCHANDRA	Part time	Dr. R.M.Warkhedkar	Heat transfer analysis and characterization of receiver / absorber of parabolic trough collector	July 16, 2010	Completed
8	BACHAL ATUL SURESH	Part time	Dr. R.K.Shrivastava	Improvising Flow Measuring techniques	Feb 06, 2012	Completed
9	HAMBARDE MANOJKUMAR DEORAO	Part time	Dr. R.K.Shrivastava	Heat transfer enhancement in evaporation using turbulent promoters	Feb 06, 2012	Completed

10	KSHIRSAGAR JAGDEEP MADANRAO	Part time	Dr. R.K.Shrivastava	Enhancement of critical heat flux using nanofluides	Feb 06, 2012	Completed
11	SHINDE KRISHNA DATTRAO	Part time	Dr. R.K.Shrivastava	Prevention of corrosion Cathodic protection of steel bar in concrete by sacrificial anodes	Feb 06, 2012	Ongoing
12	HARNE MADHAVI SWASHIKUMAR	Part time	Dr. R.K.Shrivastava	Experimental investigations on blended fuel in internal combustion engine	Sep 5, 2013	Ongoing
13	KOKATE YOGESH SHRIRAM	Part time	Dr. R.K.Shrivastava	Improvising Flow Measurement	Sep 5, 2013	Ongoing
14	AMRATWAR GANAGADHAR V.	Part-Time	Dr. U.V. Hambire	Modeling of Solar Power & Refrigeration System	03/11/2018	Ongoing
15	WANKHEDE SACHIN	Part-Time	Dr. S.B. Chikalthankar	Thermal Analysis Fins Structure and Evaluation of Thermal Balance of Transformer and Furnaces	03/11/2018	Ongoing
ELECTRICAL ENGINEERING						
1	SHINDE SANJAY MADANRAO	Part time	Dr. W.Z.Gandhare	Power quality issues in co-generation systems	30/07/2008	Completed
2	REVANKAR PRAVEEN SHRIDHAR	Part time	Dr. W.Z.Gandhare	Maximum Power Point Tracking Controller for Photovoltaic Stand alone and Grid Connected	31/08/2009	Ongoing
3	DEOLANKAR VINAYAK SHANKARRAO	Part time	Dr. W.Z.Gandhare	Partial Discharge Analysis in Oil Filled Current Transformer 145 kV upto	31/08/2009	Completed

				3000Amp		
4	BHASME SWATI RAMESH	Part time	Dr. Archana Thosar	Modelling and Analysis of Solar Collector	16/07/2010	Ongoing
5	BHOLE ANITA ARUN	Part time	Dr. W.Z.Gandhare	Effects of Dynamic properties of circuit breaker on short circuit capacity	17/07/2010	Completed
6	DHAMSE SANJAY SADASHIVRAO	Part time	Dr. W.Z.Gandhare	Power Quality in Distributed generation	17/07/2010	Ongoing
7	JADHAV KRISHNAT UTTAM	Part time	Dr. Archana Thosar	Maximum Power Point System for Wind Energy	16/07/2010	Ongoing
8	KULKARNI GIRISH ASHOK	Part time	Dr. W.Z.Gandhare	Proximity Effects of High Voltage Transmission Lines on Humans	17/7/2010	Completed
9	KULKARNI SANDHYA SUDHAKAR	Part time	Dr. Archana Thosar	Fault Tolerant Control of Permanent Magnet Synchronous machine	16/07/2010	Ongoing
10	MARKAD SATISH ASHOKRAO	Part time	Dr. Archana Thosar	Upgradation of Conventional Grid to Smart grid with an optimal location and size	16/07/2010	Ongoing
11	PATIL ASHWINI KHEMCHAND	Part time	Dr. Archana Thosar	Fault Tolerant Control Wind Energy System	16/07/2010	Completed
12	PATIL LAXMIKANT SITARAM	Part time	Dr. Archana Thosar	Fault tolerant control development and design of three phase induction motor	20/07/2010	Ongoing
13	PATWARDHAN MAMTA SAMIR	Part time	Dr. W.Z.Gandhare	Analysis and Improvement of Electrostatic Field Effects on Germination of Tomato Seeds	17/7/2010	Completed
14	SWAMI PANCHAYYA SHANKARAYYA	Part time	Dr. Archana Thosar	Residual life assessment of	16/07/2010	Ongoing

				power transformer		
15	DESHPANDE ANJALI VASANTRAO	Part time	Dr. V.A.Kulkarni	Performance Analysis of Wind integrated Power System	Feb 2012	Ongoing
16	KULKARNI VIKAS VITTHAL	Part time	Dr. V.A.Kulkarni	Performance Analysis of Flexible Photovoltaic(PV) Based System	Feb 2012	Ongoing
17	SHRIKANT S MOPARI	Part-Time	Dr. V. A. Kulkarni	Performance analysis of fault in transformer	July -2018	Ongoing
18	MANESH POTDAR	Part-Time	Dr. A. G. Thosar	Multi Port Inverter	July -2016	Ongoing
19	JYOTI ROKDE	Part-Time	Dr. A. G. Thosar	Electrical Spring	July -2017	Ongoing
ELECTRONICS ENGINEERING						
1	ANIL R KARWANKAR	Part - Time	Dr. Mrs. Anjali S. Bhalchandra	Hand written Character Recognition using Neural Network	June2012	Completed
2	Ms. SANGEETA JADHAV	Part-Time	Dr. Mrs. Anjali S. Bhalchandra	Digital Image Watermarking	July 2012	Completed
3	Ms ASHWAINI BAPAT	Part-Time	Dr. Mrs. Anjali S. Bhalchandra	Satellite Image Segmentation	August 2012	Completed
4	RAUTMARE SUHAS SHIVAJIRAO	Part-Time	Dr. Mrs. Anjali S. Bhalchandra	Content Based Image Retrieval (using fractals)	26/07/2007	Completed
5	BHALERAO VIDYUT KAMLAKAR (KHAPLI VIDYA RAJESH)	Part -Time	Dr. Mrs. Anjali S. Bhalchandra	Content Based Image Retrieval (using vector Quantization)	06/06/2007	Completed
6	BADAVE SUNEETA MUKUND	Part-Time	Dr. Mrs. Anjali S. Bhalchandra	Reconfigurable	31/07/2008	Completed

				Architectures for DSP		
7	BARBIND ANAND ACHYUTRAO	Part-Time	Dr. Mrs. Anjali S. Bhalchandra	Speech Recognition Under Stress	19/07/2010	Ongoing
8	GULVE AVINASH KHUSHAL	Part-Time	Dr. Mrs.M.S.Joshi	Improvement in the Performance of Image Steganography using five pixel pair differencing approach	19/07/2010	Completed
9	JAWALE JITENDRA BHASKAR	Part-Time	Dr. Mrs.Anjali S. Bhalchandra	Ear Biometrics based on Geometric Feature Extraction	19/07/2010	Ongoing
10	KSHIRSAGAR VIVEK PRABHAKAR	Part-Time	Dr. Mrs. M.S.Joshi	Effective Data Mining Techniques for Performance Improvement of Intrusion Detection	19/07/2010	Completed
11	KULKARNI SAVITA GAJANAN	Part-Time	Dr. Mrs.M.S.Joshi	Investigation Techniques for Electrical Characterization of Petroleum Products using Microwave Resonators	19/07/2010	Completed
12	KULKARNI VIJAYA MADHVRAO	Part-Time	Dr. Mrs.Anjali S. Bhalchandra	PAPR Reduction for Multicarrier Transmission System	19/07/2010	Ongoing
13	KUYARE SMITA SURESH	Part-Time	Dr. Mrs.M.S.Joshi	Hybrid Model for the detection of Heart Diseases from Electrocardiogram	19/07/2010	Completed

				Signal		
14	MOHANPURKAR ARTI ARUN	Part-Time	Dr. Mrs. M.S.Joshi	Copyright Protection Techniques for Databases	19/07/2010	Completed
15	NAGORI MEGHANA BRIJLAL	Part-Time	Dr. Mrs. M.S.Joshi	Developing Models and Procedures in the effective analysis of fMRI data of brain diseases	19/07/2010	Completed
16	UMBARKAR ANANTKUMAR JANARDAN	Part-Time	Dr. Mrs. M.S.Joshi	Design and Analysis of Multi-Population Genetic Algorithm (MPGA) on Multicore System for Function Optimization	19/07/2010	Completed
17	KOLHARE NEELIMA RAMLAL	Part-Time	Dr. Mrs. R.V. Sarvadney	MEMS based Antennae Design	10/02/2012	Ongoing
18	VARGANTWAR MANASI RAJESH	Part-Time	Dr. Mrs.Anjali S. Bhalchandra	Digital Beam Formation	09/02/2012	Ongoing
19	AGRAWAL SUSHMA SUBODH	Part-Time	Dr. Mrs.Anjali S. Bhalchandra	Digital Image Watermarking	07/09/2013	Ongoing
20	EKBOTE ARCHANA PRAMOD	Full -Time	Dr. V.R.Ratnaparkhe	Syndrome Identification Using Image Processing Method.	01/08/2014	Ongoing
21	MULEY JAYANT ARUN	Full-Time	Dr. V.R.Ratnaparkhe	Analytical Study of Immunofluorescence Imaging.	22/08/2014	Ongoing
22	BORDE SUMEDHA SANDEEP	Part-Time	Dr. V.R.Ratnaparkhe	EEG Signal Analysis	22/08/2014	Ongoing

23	PRAJKTA P SADGIR	Part-Time	Dr. V.R.Ratnaparkhe	Medicinal Plant Analysis	22/08/2014	Ongoing
24	PRACHI HARDAS BHAGAT	Part-Time	Dr. A. S. Bhalchandra	Gesture Analysis using Image Processing	22/08/2018	Ongoing
25	NIGAM ANURAG	Part-Time	Dr. A.R. Karawankar	High Integrated Low Power RADAR System using Sub-Chip Sampling Method	22/08/2018	Ongoing
26	SHEETAL GUNDRE	Part-Time	Dr. V.R.Ratnaparkhe	Design and Analysis of Molopole Antenna	22/08/2018	Ongoing