



LokmanyaTilakJankalyanShikshanSanstha's

PRIYADARSHINI COLLEGE OF ENGINEERING



(Recognised by A.I.C.T.E., New Delhi & Govt. of Maharashtra, Affiliated to R.T.M.Nagpur University)

Near CRPF Campus, Hingna Road, Nagpur-440 019, Maharashtra (India)

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List of PhD Scholars Received PhD from PCE centers (Including PCE faculties)

(From starting of approved centre)

S. N	Year of PhD awarded	Department	Subject	Name of PhD scholar	Name of supervisor/s	Title of PhD thesis
1	2021	Mechanical	Mechanical	R.R. Askhedkar	Dr.J.P.Modak Dr. A.V. Vanalkar	Estimation and validation of insertion loss of an acoustic enclosure.
2	2020	Mechanical	Mechanical	R.P.Bachute	Dr. K.S.Zakiuddin	Field Data Based Modeling of Moulding of Cylinder Head
3	2019	Mechanical	Mechanical	Nilesh Alone	Dr. J. F.Agrawal Dr.G. D..Mehta	Design and Development of Dual System Lilliput Gin
4	2019	Mechanical	Mechanical	Sohail Pervez	Dr.K.S. Zakuiddin Dr.J.P.Modak	Design and Performance Analysis of Human Powered Rice Mill
5	2019	Mechanical	Mechanical	H.S.Bhatkulkar	Dr.J.P.Modak	Establishment of Empirical Relationship Simulating Phenomena of Nursery Fertilizer Mixture Energized By Human Powered Flywheel Motor.
6	2019	Mechanical	Mechanical	Md. Siraj Sheikh	Dr. K.S.Zakiuddin	Experimental data Based Model for Oil Expeller Powered by Human Powered Flywheel Motor
7	2018	Mechanical	Mechanical	M.S. Giripunje	Dr.J.P.Modak Dr. M.P. Singh	Formulation of the Approximate Generalized Experimental Data based Model For food Grain Crusher Using Human Powered Fly wheel Motor
8	2018	Mechanical	Mechanical	Aarti Lende	Dr.J.P.Modak	Modeling of flywheel motor of manually driven brick making machines through artificial neural network.

9	2018	Mechanical	Mechanical	Pawan Chandak	Dr.J.P.Modak	Modeling of process unit of manually driven brick making machines through artificial neural network.
10	2018	Mechanical	Mechanical	Vivek M. Sonde	Dr. P.N. Belkhode	Formulation of An Approximate Generalized Experimental Data Based Model for Wood Chipper 37Cutter Energized By Human Powered Flywheel Motor
11	2018	Mechanical	Mechanical	Hemant Warkad	Dr. P.M. Bapat	Formulation of generalized approximate mathematical model for cylindrical pressure vessel made of composite material (glass FRP)
12	2018	Mechanical	Mechanical	Rushikesh A. Kulkarni	Dr.J.P.Modak	Formulation of Generalized Field Database Model and Simulation for Some Operation of Manufacturing Enterprise.
13	2016	Mechanical	Mechanical	KanchanBorkar	Dr.P.N. Belkhode	Modeling and Simulation of Maintenance in Locoshed
14	2016	Mechanical	Mechanical	S.N. Waghmare	Dr.C.N. Sakhale	Formulation of Experimental Data Based Model for Human Energized Flywheel Motor For stirrup Making.
15	2016	Mechanical	Mechanical	N. P. Mungle	Dr. G.K. Awari Dr. M.P. Singh	Studies on availability and Effectiveness of agro waste briquettes as alternate suburban fuel source
16	2016	Mechanical	Mechanical	S. M. Mowade	Dr. G.K. Awari Dr. M.P. Singh	Studies on drying characteristics & evaluation of solar dryer of selected herbs of central India
17	2016	Mechanical	Mechanical	S.K. Undirwade	Dr. M.P. Singh Dr.J.P.Modak	Formulation of An Approximate Generalized Experimental Data Based Model for Silver Cutting from Bamboo Energized By Human Powered Flywheel Motor.
18	2016	Mechanical	Mechanical	S.R. Ikhar	Dr. A.V. Vanalkar Dr.J.P.Modak	Field data based Mathematical Modeling and simulation of Stirrups making activity.
19	2016	Mechanical	Mechanical	A.M. Andhare	Dr. V.M. Kriplani Dr. J.P. Modak	Experimental Investigation and Thermal Performance Analysis of A helical Coil Heat Exchanger.
20	2016	Mechanical	Mechanical	P.B. Khope	Dr.J.P.Modak	Establishment of Empirical Relationship Simulating Phenomena of Chaff Cutter Energized By Human Powered Flywheel Motor.

21	2016	Mechanical	Mechanical	AtulDhale	Dr. J.P. Modak	Formulation of Approximate Generalized Experimental Data Model for Oil seal Pressure using 26human Powered Flywheel Motor as an Energy Source.
22	2016	Mechanical	Mechanical	Anjali Joshi	Dr.J.P.Modak	Development of A Very Small Capacity Stone Crushing Mill
23	2016	Mechanical	Mechanical	V. D. Ghuge	Dr.J.P.Modak	Mechanical Design Fabrication And Performance Validation of a Novel Gear box Compatible for Process Machines Energized by Human Powered flywheel Motor.
24	2015	Mechanical	Mechanical	R.A. Kapgate	Dr. V.H.Tatwawadi Dr.J.P.Modak	Establishment of Experimental data base model for wire EDM machining for Al/sic MMC & its optimization
25	2015	Mechanical	Mechanical	Mangesh R. Phate	Dr.V.H. Tatwawadi Dr.J.P.Modak	Design optimization & simulation of Field Data Base Model (FDBM) For a Step turning Process
26	2015	Mechanical	Mechanical	I.A. Khan	Dr.G.K. Awari Dr. M.P. Singh	Effect of Uncertain Parameters on Vibrational Characteristics and Behavior of Structures
27	2015	Mechanical	Mechanical	R.S. Kadu	Dr. G.K. Awari Dr.J.P.Modak	Optimization of tool life for different cutting tools during Boring Machining Operation.
28	2015	Mechanical	Mechanical	Rajesh Thombre	Dr.G.K.Awari Dr. S.B.Thombre	Numerical Study of Buoyancy included Flow and Heat Transfer inside a pipe.
29	2015	Mechanical	Mechanical	ManojWakhare	Dr.R.R.Lakhe Dr. M.P. Singh	Performance improvement in the organization through an integrated model of lean, TQM and 6-sigma.
30	2014	Mechanical	Mechanical	D.M. Mate	Dr. G. K. Awari Dr.J.P.Modak	Experimental Investigation of Parametric Effects on the Surface Roughness of an Aluminum Alloy Produced by Burnished Spherical Surface Tool.
31	2013	Mechanical	Mechanical	Ashok Dhale	Dr.G.K.Awari Dr.M.P.Singh	Analysis and Design modification of the Process Medium combustion engines as a strategy for intelligent combustion system.
32	2013	Mechanical	Mechanical	M.K. Sonpimple	Dr. P. M. Bapat Dr.J.P.Modak	Development of hybrid simulated annealing for mechanism synthesis.
33	2013	Mechanical	Mechanical	V.N.Bhaiswar	Dr.J.P.Modak Dr.M.P.Singh	Generation of design data new type of flexible coupling.
34	2012	Mechanical	Mechanical	R. J.Patil	Dr.M.P.Singh Dr.G.K.Awari	Formulation of design producer of SCHEFFER reflector & design improvement.

35	2012	Mechanical	Mechanical	K.Dixit	Dr.J.P.Modak Dr.M.P.Singh	Formulation of approximate generalized field data base model of automobile service function.
36	2012	Mechanical	Mechanical	D.S. Deshmukh	Dr.J.P.Modak Dr.K.M.Nayak	Experimental investigation of the effect of base pressure on CI engine performance.
37	2012	Mechanical	Mechanical	M.S.Deshmukh	Dr.J.P.Modak Dr.K.M.Nayak	Development and experimental investigation of diesel particulate filter for stationary CI engine.
38	2012	Mechanical	Mechanical	P.V.Washimkar	Dr.V.S. Deshpande	Modeling of reliability and improvement of availability of drag line system.
39	2011	Mechanical	Mechanical	R.L.Himte	Dr.J.P.Modak	An approach to decide prioritization of mechanization of mining operation.
40	2011	Mechanical	Mechanical	S.S. Chaudhari	Dr.M.P.Singh Dr.G.K.Awari	Experimental investigation of the surface finish produced by super finishing process and comparison with honing process.
41	2011	Mechanical	Mechanical	C.N. Sakhale	Dr. P. M. Bapat Dr.M.P.Singh	Design and development of a comprehensive bamboo processing machine for optimal performance.
42	2011	Mechanical	Mechanical	G.D. Mehta	Dr.J.P.Modak	Formulation of approximate generalized field data based model for the vibration response of the dragline.
43	2011	Mechanical	Mechanical	A.P. Kedar	Dr.R.R.Lakhe Dr.V.S. Deshpande	A model for alternative organizational improvement practices and organization performance.
44	2010	Mechanical	Mechanical	S.K. Chaudhari	Dr.R.D.Ashkhed kar Dr.J.P.Modak	Experimental optimization of some sub system of stirling cycle refrigeration with non CFC Gases.
45	2010	Mechanical	Mechanical	C.C. Handa	Dr.R.D.Ashkhed kar Dr.M.P.Singh	Developing a model to co-relate success of enterprise with entrepreneurial qualities.
46	2010	Mechanical	Mechanical	P.N.Belkhode	Dr.J.P.Modak Dr.K.D.Kulat	Design and development of test ring for kinematics analysis of front suspension of automobile.
47	2010	Mechanical	Mechanical	R.H.Parikh	Dr.R.D.Ashkhed kar Dr.M.P.Singh	Study of accident phenomenon in the light of the concept of biorhythm and formulation of approximate shield data base model.
48	2010	Mechanical	Mechanical	A.A. Mankar	Dr.J.P. Modak Dr. M.P. Singh	Formulation of approximate generalized experimental model for fertilizer mixing unit

						energized by human power flywheel motor.
49	2010	Mechanical	Mechanical	Kazi Syed Zakiuddin	Dr.J.P.Modak	Formulation of approximate generalized experiment database model for agricultural implement.
50	2009	Mechanical	Mechanical	S.B. Deshpande	Dr.S.G.Tarnekar Dr.J.P.Modak	Application of manually energies flywheel motor to generation of Electricity
1	2021-2022	Electronics and communication	Electronics Engg	Mr. Rahul M. Pethe	Dr. G.M.Asutkar	Design Routing Protocol for Large data Transfer over wireless sensor Network
2	2021-2022	Electronics and communication	Electronics Engg	Mrs. VandanaBagde	Dr. C.G.Dethe	Performance improvement of Space diversity techniques STBC (Space time block coding) for time varying channel in wireless environment
3	2020	Electronics and communication	Electronics Engg	Smt. AnujaAmleshAs khedkar	Dr.G.H Agrawal	Performance Improvement of Sigma Delta DAC for Audio Application in CMOS Technology
4	2021	Electronics and communication	Electronics Engg	Mr.D Naga Ravi kiran	Dr.C.G.Dethe	Improvement in Routing Algorithm to Enhance Lifetime of wireless Sensor Networks
5	2021	Electronics and communication	Electronics Engg	Mr.D.N. Bhange	Dr.C.G.Dethe	Performance Analysis of 3D pilot Aided channel Estimation for Adaptive cognitive – OFDM System
6	2021	Electronics and communication	Electronics Engg	Mrs. Shanti Swami	Dr.S.M. Asutkar	Reduction and estimation of Hyper spectral Image by using an orthogonal subspace projection and complex wavelet filter bank
7	2021	Electronics and communication	Electronics Engg	Ms.Mrunal M. Khedakar	Dr.G.M. Asutkar	Performance Enhancement of Some parameter in wireless sensor network for video data transmission
8	2018	Electronics and communication	Electronics Engg	Mr.Gajanan Birajdar	Dr.V.H.Mankar	Design , Analysis and Implementation of algorithm for blind image forgery detection
9	2018	Electronics and communication	Electronics Engg	Ms. ZoonubiyaFarim Usman Khan	Dr.S.L.Badjate	Adaptive Energy management of Hybrid vehicles using Artificial Intelligence
10	2018	Electronics and communication	Electronics Engg	Mrs.RadhaShende	Dr.G.M. Asutkar	Design and Development of Multi sensor approach for Antifog Windshield by using can controller
11	2017	Electronics and communication	Electronics Engg	Mrs.Seema Ashish Taywade	Guide- Dr. RajeshreeRaut	Real Time EEG data compression and Transmission for remote patient monitoring system

1	2021-2022	Electrical and Power	Electrical	Mr. C.S. Hiwarkar	Dr. P.G. Burade	Development of methodology for power system security using FACTS devices
2	2021-2022	Electrical and Power	Electrical	Mr. Yogesh.S. Bais	Dr.S.B. Deshpande	Design & implementation of Three Phase nine level cascaded H bridge PWM Inverter with low harmonic values using phase shifted carrier PWM technique
3	2021-2022	Electrical and Power	Electrical	Mrs.Sumitra N. Agrawal	Dr.S.P.Muley	Robustness analysis of speed sensorless vector controlled induction motor drive using MRAS
4	2021-2022	Electrical and Power	Electrical	Mrs.Pritee S. Gotekar	Dr.S.P.Muley	Reactive Power Control for single phase Photovoltaic system considering grid requirements
5	2020-21	Electrical and Power	Electrical	Mr.Umesh E. Hiwase	Dr.S.P.Muley	Mitigation of Harmonics using multilevel Inverter for AC Motor Drive.
6	2019-20	Electrical and Power	Electrical	Mr. Virendra G. Umale	Dr.S.B. Warkad	Development of new technique for Modeling location of marginal based transmission pricing in a restructured electricity market.
7	2018-19	Electrical and Power	Electrical	Mr R.V. Adle	Dr.M.M.Renge	Development of PV based Z - source inverter fed drive for water pumping system
8	2018-19	Electrical and Power	Electrical	Mrs. Sonali Nandanwar	Dr.S.B .Warkad	Development of new technique of voltage security assessment in a restructured electricity market using various techniques
1	2020-21	Electronics Engineering	Electronics Engineering	Mr.U.P. Akare	Dr.Narendra Bawane	Compression of old Marathi Manuscript Images Using Recent Technique.
2	2020-21	Electronics Engineering	Electronics Engineering	Mr.T.P. Guha	Dr. R.V. Kshirsagar	Design and development of physical layer model in Wi MAX using OFDM
3	2019-20	Electronics Engineering	Electronics Engineering	Mrs. A.S. Khobragade	DR.R.D.Raut	Experimental Studies for Optimized Spectrum Sensing Techniques in Cognitive Radio
4	2019-20	Electronics Engineering	Electronics Engineering	Mr. Aniruddha C. Kailuke	Dr.Pankaj Agrawal	Design of Low Power , Low Jitter PLL For WiMAX Application using CMOS

						Technology
5	2019-20	Electronics Engineering	Electronics Engineering	Mrs.S.P. Washimkar	Dr.S.D.Chede	Design and Implementation of effective AM-FM demodulation and image reconstruction techniques in Biomedical Applications
6	2019-20	Electronics Engineering	Electronics Engineering	Mrs.J.B. Bhattad	Dr.S.D.Chede	Analysis ,Comparison and Development of Advanced Protocol for Energy Efficient Wireless Sensor Network
7		Electronics Engineering	Electronics Engineering	Ms.Kancha Wagh	Dr.S.S.Shriramar	Design Analysis of Array Antenna RADAR system
8	2019-20	Electronics Engineering	Electronics Engineering	Ms. PradnyaP.Harade	Dr. A.C. Bhagali/ Dr. R. V. Kshirsagar	Implementation of Memory Management System and Parallel Processing By Reconfigurable In FPGA.
9	2019-20	Electronics Engineering	Electronics Engineering	Mr.Nitin Jain	Dr.S.S. Salankar	Some studies on performance enhancement of content Based image retrieval
10	2019-20	Electronics Engineering	Electronics Engineering	Mr. Rajendra Babar	Dr. M.S. Gaikwad Dr. R. V. Kshirsagar (Co-Guide)	Design of a FPGA Based Power Efficient Wireless Communication System Using Multirate Sapling in Software Defined radio.
11	2019-20	Electronics Engineering	Electronics Engineering	Mr. S.B. Gholap	Dr.Y.V.Chavan Dr. R.V.Kshirsagar (Co-Guide)	Implementation of Cognitive Radio Test Bed. for Efficient Utilization of ISM Band & Spectrum Sensing Application in Wireless Communication.
12	2018-19	Electronics Engineering	Electronics Engineering	Mr. Ketan J. Raut	Dr. A.C. Bhagali/ Dr.R.V. Kshirsagar	Design Of Ultra Low Voltage Analog Integrated Circuits For Portable Appliances
13	2018-19	Electronics Engineering	Electronics Engineering	Mr V.G. Giripunje	Dr.S.D.Chede	Design & analysis of low power Telemetric system: an advanced patient diagnosis approach
14	2018-19	Electronics Engineering	Electronics Engineering	Mr Nitin Ambatkar	Dr.S.D.Chede	Design and development of low power, low cost embedded system for Bio-medical application (A case study of Asthmatic Disorders)

15	2018-19	Electronics Engineering	Electronics Engineering	Mr. N.T. Deotale	Dr. U.D. Kolekar	Performance Evaluation of Antenna Subset Selection in MIMO System.
16	2017-18	Electronics Engineering	Electronics Engineering	Mr. Anupam Choudhary	Dr. R.V. Kshirsagar	Design and development of multiprotocol label based network model using single stacked for reduction of label space in networking
17	2017-18	Electronics Engineering	Electronics Engineering	Mr. A.B. Jirapure	Dr. R.V. Kshirsagar	A novel approach for fault detection and fault management in wireless sensor network
18	2017-18	Electronics Engineering	Electronics Engineering	Mr. A.D. Bijwe	Dr. C.G. Dethé	Identification and performance evaluation of vertical handoff metrics using decision Algorithm
19	2017-18	Electronics Engineering	Electronics Engineering	Mr. Narendra G. Narole	Dr. G.M. Asutkar	A novel Approach for Structural Design Of Wireless Communication sensor Network Using Virtual Networks Platforms
20	2017-18	Electronics Engineering	Electronics Engineering	Mr. Jitesh Shinde	Dr. S.S. Salankar	Design and of study of Multi-objective Optimization Techniques for VLSI Circuits
21	2017-18	Electronics Engineering	Electronics Engineering	Ms. Kanchan Dhote	Dr. G.M. Asutkar	Study and Analysis of Different Routing Techniques in Wireless Sensor Network
22	2016-17	Electronics Engineering	Electronics Engineering	Mr. P.R. Rothe	Dr. R.V. Kshirsagar	Intelligent Pattern Recognition System with Application to Crop Disease Identification
23	2016-17	Electronics Engineering	Electronics Engineering	Mrs. M.V. Vyawahare	Dr. R.V. Kshirsagar	Design and Implementation of High speed VLSI architecture For AES algorithm to minimize area and delay for better performance and efficiency
24	2016-17	Electronics Engineering	Electronics Engineering	Mr. S.S. Sharma	Dr. R.V. Kshirsagar	Analysis of fault tolerant FPGAs by shifting the configuration data
25	2016-17	Electronics Engineering	Electronics Engineering	Mrs. A.R. Kondalwar	Dr. K.D. Kulat	Wi-MAX System Performance Studies

26	2016-17	Electronics Engineering	Electronics Engineering	Mrs. Mina Mishra	Dr. V.H .Mankar	Design And Cryptanalysis of Cryptosystem based on Families of Chaotic Sequences
27	2016-17	Electronics Engineering	Electronics Engineering	Mrs. A.S.Patil	Dr.A.R.Panat	Study of Brain Images in the domain of emotions and its applications for diagnosis of Psychosomatic disorders.
28	2016-17	Electronics Engineering	Electronics Engineering	Ms. BhagyashriA.Sathe	Dr.A.R.Panat	Recognition of emotions in Speech and its transformation for effective voice Culture Training System
29	2016-17	Electronics Engineering	Electronics Engineering	Mr. V.J. Dongre	Dr. V.H .Mankar	Some Studies on Offline Devnagari Handwritten Character Reorganization
30	2015-16	Electronics Engineering	Electronics Engineering	Mrs. SonaliBhandoria	Dr.C.G.Dethe	Performance Evaluation and comparison of image Retrieval Technique for medical Images
31	2015-16	Electronics Engineering	Electronics Engineering	Mr. Pranav Lapsiwala	Dr. R.V. Kshirsagar	Study and analysis of dynamic and distributed wireless sensors network for layout
32	2015-16	Electronics Engineering	Electronics Engineering	Mrs. U.S. Ghodeshwar	Dr.G.G.Sarate	Design of optimized Reed – Solomon encoder, decoder chip for communication applications
33	2015-16	Electronics Engineering	Electronics Engineering	Mr. V.K. Taksande	Dr. K.D.Kulat	Design Implementation & Evaluation of a new MAC protocol for long distance 802.11 Networks
34	2014-15	Electronics Engineering	Electronics Engineering	Mr.P.H. Patil	Dr. D.D.Shah	Modelling of Non directed wireless infrared communication in indoor environment using intensity modulation with direct detection (IM/DD)
35	2014-15	Electronics Engineering	Electronics Engineering	Mr.P.S. Astankar	Dr.C.G.Dethe	Development and Design of small size UWB antenna desirable for the WPAN application
36	2014-15	Electronics Engineering	Electronics Engineering	Mr.R.D. Thakre	Dr. K.D.Kulat	Coexistence Issues of ultra wideband System with existing wireless communication system

37	2013-14	Electronics Engineering	Electronics Engineering	Mrs.S.W. Varade	Dr.Mr.K.D. Kulat	An approach towards improved resolution and interference rejection capabilities by beam forming techniques in antennas
38	2013-14	Electronics Engineering	Electronics Engineering	Mr.S.S. Shriramwar	Dr.N.K. Choudhari	Improvement in Reconfigurable architecture for better Performance of Mobile Navigation System
39	2013-14	Electronics Engineering	Electronics Engineering	Mr.A.S. Khobragade	Dr.C.G. Dethe	Development of dynamic models for region tracking using texture & motion
	First Year PIET					
1	2019	Applied Physics	Physics	Mr. Naresh Sarkar	Dr. V. M. Nanoti Dr. K. G. Rewatkar	Synthesis and Electric Magnetic Study on Superparamagnetic Iron oxide Nanoparticle
2	2022	Applied Physics	Physics	Ms. Priti Nagpure	Dr. V. M. Nanoti Dr. K. G. Rewatkar	Design and Development of Nano-Size Ferrites for Mmicroelectronic Devices

1	2019	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Shri. Mahesh N. Lokhande	Dr. Mohammad Atique	Real- time scheduling for general parallel task model on multi-core processors
2	2018	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Ms.Sangita H. Vhatkar	Dr. Mohammad Atique	Design development and performance evaluation of a novel adaptive routing protocol for wireless sensor network
3	2018	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Ms.Archana V Potnurwar	Dr. Mohammad Atique	Development of adaptive video annotation framework using soft computing
4	2019	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Ms.Pradnya S Borkar	Dr. A. R. Mahajan	Parallelism of complex bioinformatics algorithm using evolutionary method
5	2017	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Shri. Sachin Solanki	Dr. A. R. Mahajan	Development of an optimized approach by hybridization of tabu search and genetic algorithm for job scheduling in cloud computing environment
6	Submitted	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Ms. Shubhada Deshmukh	Dr. M.S. Patwardhan Dr. A.R. Mahajan	Performance improvement in facial expression recognition in real time environment
7	2019	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Ms. Anjusha Pimpalshende	Dr. A.R.Mahajan	Design of multi-document extractive text summarizer for HINDI document using swarm intelligence hybrid approach
8	2020	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Shri. Madhav Bokare	Dr. V. M. Thakre	Recognition of outlier using partitioning of dataset and distance based method for large scale database
9	2022	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Shri. Nischal Puri	Dr. A. J. Agarwal	A machine learning approach for effectively enhancing the prediction of stock market analysis
10	2022	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Ms. Ujjwala Ahir (Mandekar)	Dr. S.P. Khandait	Computational optimization and analysis of function bioinformatics structures using parallel algorithm
11	2019	Comp. Sci. and Engg.	Comp. Sci. and Engg.	Shri. Ashish Sharma	Dr. S. P. Khandait	Development of software tool for effective design of online shopping websites using soft computing technique and quality function deployment
1	2017	Chemical Engineering	Chemical	Dr. G.P. Lakhawat	Dr. R. P. Ugwekar	Synthesis of Nanofluids for heat and mass transfer

		First year (PCE)				
1	2018	Applied Physics	Physics	Ms.Ekta Chaturvedi	Dr.V.M.Nanoti (Supervisor) Dr.K.G.rewatkar (Co-Supervisor)	Synthesis of Ni-Ir substituted Strontium Nano hexaferrites and Compositional dependence of their Electric-Magnetic Behaviour
2	2017	Applied Physics	Physics	Mr.Tushar R. Shelke	Dr.V.M.Nanoti (Co-Supervisor) Dr. S.J.Dhoble (Supervisor)	Development of Fluoride and Vanadate based Phosphor for Thermoluminescence dosimetry
3	2017	Applied Physics	Physics	Mr.Vijay Raghorte	Dr.Kishor G Rewatkar	Effect of Amino acid doping on growth and characterization of non linear optical crystal of ADP
4	2017	Applied Physics	Physics	Ms.Shruti Patle	Dr.Kishor G Rewatkar	Growth and characterization of semiorganic nonlinear optical single crystal of ADP doped with L-Lysine and L-Histidine
5	2017	Applied Physics	Physics	Ms.Arsala Sheikh	Dr.Kishor G Rewatkar	Effect of Glycine dopant on growth and Characterization of Ammonium Dihydrogen Phosphate (ADP) A nonlinear optical crystal
6	2017	Applied Physics	Physics	Mr.Uddal B.Hatwar	Dr.V.M.Nanoti (Supervisor) Dr.K.G.rewatkar (Co-Supervisor)	A study of Co-Zr Substituted Nanosized Strontium Aluminium Hexaferrite Prepared by Sol-Gel Synthesis
7	2016	Applied Physics	Physics	Mrs.Valishali V.Soman	Dr.V.M.Nanoti (Supervisor) Dr.D.K.Kulkarni (Co-Supervisor)	Structural Electrical and Magnetic Investigation of Mixed Barium Hexaferrites
8	2015	Applied Physics	Physics	Mr.Nandakishor Meshram	Dr.V.M.Nanoti (Co-Supervisor) Dr.K.G.rewatkar (Supervisor)	Influence of Gallium ions on growth and Characterization of potassium Di-hydrogen Phosphate Non linear Optical single Crystal
9	2015	Applied Physics	Physics	Ms.Asmita D.Deshpande	Dr.V.M.Nanoti (Supervisor) Dr.K.G.rewatkar (Co-Supervisor)	Synthesis of Substituted calcium Nano Hexaferrite by Sol-Gel Method and Compositional Dependence of their Electric-Magnetic Properties
10	2014	Applied Physics	Physics	Mrs. Arti Golhar	Dr.P.S.Sawadh (Supervisor) Dr.N.K.Choudhary (Co-Supervisor)	Evaluation of Characteristics of Al metal using Ultrasonic non destructive techniques
11	2014	Applied Physics	Physics	Mr.Pandurang R.Moharkar	Dr.K.G.rewatkar (Supervisor)	Electric and Magnetic studies of Nano size substituted calcium Hexaferrites synthesized by

						Autocombution technique
12	2014	Applied Physics	Physics	Mrs. Vandana D.Badwaik	Dr. V.M.Nanoti (Supervisor) Dr.K.G.rewatkar (Co-Supervisor)	Magnetic and electric studies on Cu and Zn Substituted Sn-Co Ferrites
13	2013	Applied Physics	Physics	Mrs.Sheela A.Pawade	Dr. V.M.Nanoti (Co-Supervisor) Dr.K.G.rewatkar (Supervisor)	Synthesis and characterization of Substituted Stronsium Hexaferrites Nano-particles
14	2013	Applied Physics	Physics	Rajmohammed R.Kherani	Dr. V.M.Nanoti (Co-Supervisor) Dr.K.G.rewatkar (Supervisor)	Study of Magnetolectric effect in Zinc Ferrite-Lead Titanate Composite Materials
15	2013	Applied Physics	Physics	Mr.Sanjay R.Gawali	Dr. V.M.Nanoti (Co-Supervisor) Dr.K.G.rewatkar (Supervisor)	Properties of Al substituted calcium Hexaferrite Nano-particles prepared by Sol-Gel Combustion Process
16	2012	Applied Physics	Physics	Mr. Sharad.N.Sable	Dr. V.M.Nanoti (Supervisor) Dr.K.G.rewatkar (Co-Supervisor)	Synthesis amd Electric-Magnetic behavior of Noncrystalline Co-Sn substituted Calcium Hexaferrites
17	2019	Applied Chemistry	Chemistry	Poonam Vijay Yeul	Dr. Seema Shrivastava	Synthesis & characterization of halo-chitosan for its application in water treatment
18	2019	Applied Chemistry	Chemistry	Mr. Mukesh U Bambole	Dr. B. B. Gogte/Dr. Bharti Phate,	Synthesis & Characterization of polymer based on sorbitol starch and sugar
19	2019	Applied Chemistry	Chemistry	Mr. Rajesh D. Chivane	Dr. Seema Shrivastava	Soil's trace elements stabilization by means of fly ash
20	2019	Applied Chemistry	Chemistry	Ms. Manjiri Nagmote	Dr. Jeevan Dontulwar	Study of Semiconducting nature and thermal stabilities of 1-Naphthao 4-Sulfonic acid and hexametheleye diamine with Methanol polymer resin
21	2019	Applied Chemistry	Chemistry	Ms. Devlata Dhanorkar	Dr. K. Gour/Dr. P. K. Rahangdale	Synthesis of Nanomaterials by Soft Chemical Methods & its application.

22	2018	Applied Chemistry	Chemistry	Manish M. Yeole	Dr. W.B. Gurnule/Dr. Seema Shrivastava	Polymeric resins for removal Fe(III), CU(II), Cd(II) and Ni(II) Ions from aqueous solution
23	2017	Applied Chemistry	Chemistry	Mrs. Megha S. Sawangika	Dr. Chandrakant S. Burande / Dr. Bharti Phate,	Critical Study of Theories of Irreversible Thermodynamics.
24	2017	Applied Chemistry	Chemistry	Mrs. N. J. Gawande	Dr. R. U. Khope/ Dr. A. R. Chaudhari	Multicomponent Sorptive Removal of Metal from aqueous solution by GAC.
25	2017	Applied Chemistry	Chemistry	Ms. Charulata S. Makde	Dr. W. B. Gurnule / Dr.(Mrs.) Murika I. Ahmed	Eco-Friendly Synthesis, Characterization, Morphology, Thermal, Electrical and Chelation Ion-Exchange Properties of copolymer Resins
26	2016	Applied Chemistry	Chemistry	Ms. Jyotsna V. Khobragade	Dr. W. B. Gurnule / Dr.(Mrs.) Murika I. Ahmed	Terpolymer Ligands and Their Metals Complexes:Synthesis, Characterization, Thermal Properties and Applications
27	2016	Applied Chemistry	Chemistry	Miss. Pragati D. Dethé	Dr. Chandrakant S. Burande / Dr. Bharti Phate,	Nonequilibrium Process & the Stability in Chemical & Biological System.
28	2016	Applied Chemistry	Chemistry	Mrs. Naqui Jahan M. Siddiqui.	Dr. M. G. Dhonde/ Dr. N.T. Khati	Utility of Ethyl/Methyl -3-(Substituted Benzo (b) Furan -2-YL Carbonyl.) Pyruvate in Heterocyclic Synthesis : :synthesis of some new Azoles bearing benzofuran Moeity & their 11Biological Evaluation.
29	2016	Applied Chemistry	Chemistry	Mrs. Yogita K. Meshram	Dr. R. U. Khope/ Dr. N. T. Khati,	Adsorption behavior of Organic complexing agent on granular activated Carbon in scavenging metal content from aqueous phase.
30	2016	Applied Chemistry	Chemistry	Mrs. Rupali Nandanwar	Dr. A. R. Chaudhari / Dr.	Isolation and Characterization of value added products from

					J. D. Ekhe	Industrial Waste Lignin.
31	2016	Applied Chemistry	Chemistry	Gayatri S. Gaikwad	Dr. S. R. Thakare/Dr.N.T. Khati	Synthesis & Characterization of mixed Zirconium Oxides as a photocatalyst for degradation of organic pollutants.
32	2015	Applied Chemistry	Chemistry	Mr. Manish Jachak	Dr. D. K. Borikar / Dr. S. G. Vishwanath	Preparation of Cu, Cd, Ni, Co in sulphuric acid glycerol medium and its characterization - Morphology
33	2015	Applied Chemistry	Chemistry	Atul V. Wankhede	Dr. M. G. Dhonde / Dr. N.T. Khati	Synthesis & Characterization of different photocatalytic material & its Environmental application.
34	2015	Applied Chemistry	Chemistry	Mr. Shailesh K Mandavgade	Dr. W. B. Gurnule / Dr. J. R. Dontulwar	Synthesis of New Phenolic Tercopolymer Resins and their Application in the Removal of heavy metals
35	2014	Applied Chemistry	Chemistry	Mr. Kamalakar A. Nandekar	Dr. W. B. Gurnule / Dr. J. R. Dontulwar	Synthesis and Characterization of New Organic Copolymers and its Biological Applications
36	2013	Applied Chemistry	Chemistry	Mr. Nikhil V. Suramwar	Dr. S. R. Thakare / Dr. N. T. Khati	Preparation & application of Nanomaterial as a catalyst in Organic Synthesis
37	2013	Applied Chemistry	Chemistry	Mr. Pravin Dhakite	Dr. B. B. Gogte /Dr. Bharti Phate	Synthesis, Characterization and Application of Natural Polymer
38	2013	Applied Chemistry	Chemistry	Mr. Anand D. Deshpande	Dr. B. B. Gogte / Dr. Bharti Phate	Synthesis, Characterization and Application of Coconut oil Rosin based Polymer


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