

Progress of PhD Scholars

year	Sr. no	Name of the Ph.D. research scholar	Broad Area of Research	Name of the Guide	Title of Ph.D. Research	Present status	No of research Publications by Ph.D. research scholar				
							International journal	National journal	International conference	National conference	Total research papers
2002-03	1	Dr. Prof Suhas H Patil	Computer	Dr. Prof R.K. Prasad	Extended Log Structured File System for Linux Operating System.	AWARDED	2	1	0	1	4
2002-03	2	Dr. Prof Janardan S Chitode	Computer	Dr. Prof R.K.Prasad	Text to Speech Synthesis for Hindi Language Using Hybrid Syllabic Approach.	AWARDED	0	2	1	1	4
2002-03	3	Dr. Prof Pradeep B Mane	Computer	Dr. Prof R.K.Prasad	Studies of Hardware and Communication Protocol of Blue Tooth Technology for LAN Security System.	AWARDED	1	1	1	1	4
2002-03	4	Prof S C Potnis	Civil	Dr. Prof I.D. Gupta	A Stochastic Approach for Torsional Dynamic Response Analysis of Building Subjected to Multi-Component Earthquake Excitation.	Cancelled					
2002-03	5	Prof Jagdale Balaso Nivruti	Electronics	Dr. Prof S.K Bodhe	Studies on Security Issue in Mobile Ad-Hoc Networks.	Cancelled					
2002-03	6	Prof Mrs Sucheta T. Khot	Electronics	Dr. Prof R.K.Prasad	Computer Based Blood Cell Analysis and its Application to Malarial Parasites Using Pattern Recognition (PR) Techniques.	II Presentation completed	1	1	0	0	2
2002-03	7	Dr. Prof Uttam Dnanu Kolekar	Electronics	Dr. Prof S.K Bodhe	Studies on Call Admission Control in Mobile Ad-Hoc Networks.	AWARDED	1	1	2	0	4

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2003-04	8	Dr. Prof Mrs. Surekha Dudhani	Electrical	Dr. Prof Ashok K Sinha	Development of Hydral Power generation Model for Sustainable Growth Using GIS and Image Analysis	AWARDED	2	2	0	0	4
2003-04	9	Dr. Prof Vikram Shreepati Patil	Electronics	Dr. Prof S.K Bodhe	A Studies on Channel Allocation and Sharing Strategies for 3G Mobile Communication System A special Reference to Mobile Agent	AWARDED	1	0	1	1	3
2003-04	10	Dr. Prof Suresh Babu Wadkar	Mechanical	Dr. Prof S.R. Kajale	Dynamic Analysis of Geared System.	AWARDED	2	1	1	0	4
2003-04	11	Prof Rajendra Kumar N Patil	Mechanical	Dr. Prof B.B Ahuja	Investigations, Analysis and Modeling on the Application of Solid Lubricants in Grinding.	II Presentation completed	1	0	1	2	4
2003-04	12	Prof V K Mittal		Dr. Prof N D Kaushik							
2003-04	13	Prof Mrs. Preeti Mulay	Computer	Dr. Prof Parag Kulkarni	Forecasting Software Development Life Cycle Using Expert System	II Presentation completed	2	1	1	0	4
2003-04	14	Dr. Prof Jagadish W. Bakal	Electronics	Dr. Prof V.T. Ingole	Reliability in Mobile Network.	AWARDED	1	1	1	1	4
2003-04	15	Dr. Prof Sarang Achut Joshi	Computer	Dr. Prof S.K Bodhe	Study of Multimedia/Hypermedia Standards to Meet the Emerging Challenges in Computer Visualization and Graphics - An Object Oriented Approach.	AWARDED					
2003 - 04	16	Prof Dhondiram D Pukale	Computer	Dr. Prof S.G. Bhirud	Content Based Image Retrieval.	II Presentation completed	1	0	2	0	3

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2004-05	17	Prof Sandip Tukaram Chavan	Mechanical	Dr. Prof B.B Ahuja	Analytical and Experimental Studies on the Static and Dynamic Behavior of Aerostatic Conical Bearing with Feed Slot.	1	0	1	1	0	3
2004-05	18	Prof Mrs. Arundhati A Shinde	Electronics	Dr. Prof R.K. Prasad	Fiber Optic Sensors in Biomedical Applications.	II Presentation completed	0	0	1	1	2
2004-05	19	Prof Mrs. Priya Nitin Gokhale	Electrical	Dr. Prof Sadashiv D Bhide	Development of an Integrated Framework for Intelligent Sensing and measurement and Use of Intelligent Hybrid Techniques for Adaptive Control of Power Distribution System.	AWARDED	0	0	2	1	3
2004-05	20	Prof Shashikant M Bakre	Electrical	Dr. Prof Sadashiv D Bhide	Object Oriented Web Enabled Approach for System Analysis of Electric Power System.	AWARDED	1	1	1	1	4
2004-05	21	Prof Mrs. Sangeeta Sakhadeo	Electrical	Dr. Prof Mrs. Y.S. Apte	Design of Controller for Optimization of Energy Management for Hybrid System Solar-Wind-Diesel/Grid with Battery Backup.	I Presentation completed	1	1	0	0	2
2004-05	22	Prof Mr. Balu V. Vibute	Electrical	Dr. Prof H P Inamdar	Some Aspects of Design and Simulation of Electric Power Ancillary Services in Deregulated Electricity Market.	Cancelled					
2004-05	23	Prof Mrs. Neelima R	Electrical	Dr. Prof Mrs. Y.S. Apte	Wind Generated Electric Supply System as	AWARDED	1	1	1	0	3

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		Kulkarni			Household Unit-Development and Design of Generator and System.						
2004-05	24	Prof Suresh Namdeo Mali	Electronics	Dr. Prof R. M. Jalnekar	Content Security Enhancement by Effective and Sealed Steganography.	AWARDED	1	1	1	1	4
2004-05	25	Prof Sopan Govind Kolte	Computer	Dr. Prof S.G. Bhirud	Binary Approach to Machine Translation (English to Hindi) Based on Binary Algorithm of Paninis Sanskrit Grammar.	Thesis Submitted	1	1	1	1	4
2004-05	26	Dr. Prof S T Patil	Computer	Dr. Prof D. S. Bormane	Fast Changing Dynamic and High Non-Stationary Electroencephalograph Signal Analysis Using Multi-resolution Time Frequency Domain.	AWARDED	2	1	1	0	4
2004-05	27	Prof Swapnil L Lahudkar	Electronics	Dr. Prof R.K.Prasad	Innovative Coding and Transmission Mechanisms for Wireless Video System.	III Presentation Completed	1	2	0	0	3
2004-05	28	Prof Salim Jamruddin Attar	Chemical	Dr. Prof D R Saini	Investigations, Analysis and Design for De-fluoridation of Drinking Water.	Thesis submitted	1	2	0	0	3
2005-06	29	Dr. Prof Faiz Ahmed	Computer	Dr. Prof R. M. Jalnekar	The Modern Credential Based Access Control in Information Security System.	AWARDED	1	1	1	0	3
2005-06	30	Dr .Prof Shriram D Markande	Electronics	Dr. Prof S.K Bodhe	Studies on Location management for Global Roaming in 3G Cellular Mobile Communication Systems.	AWARDED	1	2	1	0	4
2005-06	31	Dr. Prof Shashank D. Joshi	Computer	Dr. Prof R. M. Jalnekar	Process Based Generic Modeling for Real Time	AWARDED	1	1	0	0	2

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					Complex Systems with Special reference to Visual Modeling.						
2005-06	32	Dr. Prof Varsha Hemant Patil	Computer	Dr. Prof D. S. Bormane	Adaptive Techniques for Acquiring Super Resolution Image from Natural Low resolution Colour Image.	AWARDED	2	2	0	0	4
2005-06	33	Prof Nawras Zehrdeen	Computer	Dr. Prof B. S. Choudhari	Investigation on Securing Mobile Ad-Hoc Networks for Reliable Transmissions.	Cancelled					
2005-06	34	Prof Satish Subrao Kadam	Mechanical	Dr. Prof S.G. Joshi	Some Analytical and Experimental Studies on Dynamic Loosening of Thread Fasteners in MACHINE Structures with Special references to Soft Foot Condition.	II Presentation completed	2	1	0	0	3
2005-06	35	Prof Dinkar Manik Yadav	Electronics	Dr. Prof D. S. Bormane	Competitive Analysis of Still Image Coding and Merging Wavelet fractal Image Compression in Hybrid Nature.	AWARDED	2	2	0	0	4
2005-06	36	Prof Mrs. Suvarna S Patil	Computer	Dr. Prof B. S. Choudhari	Investigation and Analysis of Crosstalk and Interference Penalties in all Optical DWDM Systems.	II Presentation completed	1	0	1	0	2
2007-08	37	Prof S L Kurkute	Electronics	Dr. Prof P M Patil	Performance Evaluation of Power factor Correction Schemed for Single Phase and Three Phase Power Supply Analysis and Simulations.	II Presentation completed	1	1	0	0	2
2007-08	38	Prof Deepak Shikarpur	Electronics	Dr. Prof Anand .R.	Engineering Process Outsourcing in and Around	AWARDED	1	1	1	0	3

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				Bhalerao	Pune.						
2007-08	39	Prof Mrs. V. Queen F Mary	Mechanical	Dr. Prof V. Venkat Raj	Investigation on Heat Transfer in an Annulus with Heated Inner Wall.	cancelled					
2007-08	40	Prof Mrs. Reena Pant	Mechanical	Dr. Prof V. Venkat Raj	Principles of Product Design and Ergonomics in Total Quality Management.	II Presentation completed	1	0	2	1	4
2007-08	41	Prof Pradip V. Jadhav	Production	Dr. Prof D.S. Bilgi	An Investigation Into Enhancement of Surface Finish of Electrochemically Machined (ECM) Surface.	II Presentation completed	1	1	0	0	2
2007-08	42	Prof Vijaykumar R. Thombare	Civil	Dr. Prof Anand .R. Bhalerao	Aeration methods for Spillway.	I Presentation completed	0	0	0	0	0
2007-08	43	Prof Mrs. Vidula S. Sohoni	Civil	Dr. Prof Anand .R. Bhalerao	Behavior of Concrete Encased Steel Composite members of Framed Structure.	II Presentation completed	0	0	2	1	3
2007-08	44	Prof Dhananjay Patil	Civil	Dr. Prof Anand .R. Bhalerao	Building Maintenance and Repairs Database for Life Cycle Cost Analysis.	I Presentation completed	1	1	0	0	2
2007-08	45	Prof Milind R Gidde	Civil	Dr. Prof Anand .R. Bhalerao	Optimization of the Coagulation and Flocculation Treatment by Moringa Oleifera Seed Extract-Influence of Physical Parameters.	I Presentation completed	2	2	0	0	4
2008-09	46	Prof Devendra Singh Thakore	Computer	Dr. Prof Parag Kulkarni	Multi-Perspective Decision Making and Data Mining	I Presentation completed	2	1	0	0	3
2008-09	47	Prof Godse Deepali Atul	Computer	Dr. Prof D. S. Bormane	Auto-Detection and Monitoring of Diabetic Retinopathy using Super-Resolution Techniques on	I Presentation completed	1	0	0	0	1

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					Retinal Images.						
2008-09	48	Prof Mrs. Madhuri R Mulay	Civil	Dr. Prof Anand .R. Bhalerao	Disaster Management - Interlinking of Water Supply Systems in Metropolitan Cities.	Cancelled					
2008-09	49	Prof Mrs Sharada Kore L	Electronics	Dr. Prof Shaila Dinkar Apte	A Generalized Model Based Approach for Writer Verification	I Presentation completed	0	0	0	0	0
2008-09	50	Datta S Chavan	Electrical	Dr. Prof Sadashiv D Bhide	Dynamic Modeling of Wind Turbine and its Dynamic Influence on Electrical Power System.	I Presentation completed	1	1	1	1	4
2008-09	51	Prof Kadam Savita Shivajirao	Computer	Dr. Prof Shashank D. Joshi	Optimal Solutions for Software Security.	I Presentation completed					
2008-09	52	Prof Kadam Sonali Popatrao	Computer	Dr. Prof Shashank D. Joshi	Measuring Effect of Software Design Process on Software Security.	I Presentation completed	1	1	1	1	4
2009-10	53	Prof. Sushil Kumar Mahadeo Rajbhoj	Electronics	Dr. P.B. Mane	An Approach of Combining Fingerprint and Iris Biometric for Personal Recognition.	I Presentation completed	0	0	0	2	2
2009-10	54	Prof. Mrs. Viddhulata Mohite	Electronics	Dr. P.B. Mane	Radio Resource Management for Heterogeneous Wireless Networks.	I Presentation completed	0	0	4	0	4
2009-10	55	Prof. Mrs. Vijaya Rahul Pawar	Electronics	Dr. A.N. Gaikwad	Artificial Neural Network Based Hand Written Script Recognition by Using Vector Quantization Method	I Presentation completed	0	0	1	1	2
2010-	56	Prof. Sandeep	Computer	Dr. P.B. Mane	A Comprehensive and	I	1	1	1	1	4

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11		Bharatkumar Vanjale			Analytical Study of Rogue Access Point Detection Methodologies in IEEE 802.11 with Special Emphasis on Use of Mobile Agent and Artificial Intelligence for Detection.	Presentation completed					
2010-11	57	Prof. Maheshkumar Sahebrao Deshmukh	Mechanical	Dr. Bimlesh Kumar	Dynamic Response Analysis of Adaptive Composite Materials		0	0	0	0	0
2010-11	58	Prof. Sandhya Dillp Jadhav	Mechanical	Dr. V. Venkat Raj.	Modeling and Simulation of Central Receiver Solar Thermal Power Plants	I Presentation completed	0	0	1	1	2
2010-11	59	Prof. Vijay Dadasaheb Katkar	Computer	Dr. S.G. Bhirud	Intrusion Detection and Prevention System		2	0	2	0	4
2010-11	60	Prof. Prakash Raghvendra Devale	Computer	Dr. S.H. Patil	Comparative Study with Design and Implementation of English -to-Sanskrit Machine Translation Using Rule Based Statistical Phrase Based Approach and Simultaneous Speech Synthesis for the Translated Text.		2	1	1	0	4
2010-11	61	Prof Bankar Deepak	Electrical	Dr. Talange	Energy Reliability Optimization and Grid Compatibility of Viable Speed Wind Turbines	I Presentation completed	0	0	2	2	2
2010-11	62	Prof. Sangram Zunzar Gawali	Computer	Dr. Parag Kulkarni	Plagiasil: A Content Based Plagiarism Detection System		1	1	1	1	4

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2010-11	63	Prof. Dnyaneshwar Ganapatrao Kumbhar	Mechanical	Dr. N.K. Sane	Numerical Modeling and Experimental Study for Heat Transfer Enhancement of a Tube in Tube Heat Exchanger Using Compound Dimpled Tube and Regularly Spaced Twisted Tape Swirl Generators.	I Presentation completed	0	1	2	1	4
2010-11	64	Prof. Mukundrao Anandrao Kadam	Mechanical	Dr. S.B.L. Garg	Heat Transfer and Geometrical Consideration in Solar Parabolic Trough Receiver Design	I Presentation completed	0	0	2	1	3
2010-11	65	Prof. Mrs. Lata Jaywant Sankpal.	Computer	Dr. S.H. Patil	A semantic Based Bilingual Search Engine in Marathi and English for Agriculture Domain.		0	0	1	0	1
2010-11	66	Prof. Sachin Shankarrao Chavan	Production	Dr. S.M. Shendokar	Multi Scale Effect of Micro Nano Fiber Properties On Advanced Composites.		0	0	1	2	3
2010-11	67	Prof. Wasudev Gajanan Kharache	Production	Dr. D.S. Bilgi	Electrochemical Machining Analysis of Current Distribution.		0	0	2	1	3
2010-11	68	Prof. Pramod Vilas Londhe	Production	Dr. S.M. Shendokar	Development of Multifunctional Nano fiber Composites.		0	0	1	2	3
2010-11	69	Prof. Abhijeet Rajeshwarrao Deshpande	Mechanical	Dr. Vikram G. Nabar	Investigation of Tesla Turbine As A Futuristic Source of Cheap Power.		2	0	1	0	3
2010-11	70	Prof. Mahesh Janardan Patil	Mechanical	Dr. B.B. Ahuja	Load Distribution Analysis Of Hybrid (Butted & Bonded) Joints.		0	0	2	1	3
2010-11	71	Prof. Mrs. Vidula Sanjay Jape	Electrical	Dr. D.G. Bharadwaj	Remote Power Quality Monitoring and Analysis		0	1	1	2	4

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					With Harmonic Consideration.						
2010-11	72	Prof. Mrs. HariPriya Hrushikesh Kulkarni	Electrical	Dr. D.G. Bharadwaj	A Smart Power Measuring Approach Considering Non-Linear Discharges.		0	1	0	1	2
2010-11	73	Prof. Uday Shankar Patil	Civil	Dr. Prof. AnandR. Bhalerao	Critical Shear Stress Near Bridge Pear For Non Uniform Sediments.		0	0	0	2	2
2010-11	74	Prof. Padmakar Tukaram Nimbalkar	Civil	Dr. Prof. AnandR. Bhalerao	Critical Shear Stress At Non Uniform Sediments.		0	1	0	0	1
2010-11	75	Prof. Mrs. Mrunal Subodh Bewwor	Computer	Dr. S.H. Patil	Analysis and Design of Various Cluster Based Summarization Techniques to Design and Development of Cluster Based Query Specific Text Summarization Methodology(Technique)		1	0	0	0	1
2010-11	76	Prof. Mrs. Sunita Sachin Dhotre	Computer	Dr. S.H. Patil	Development and Evaluation of Scheduling Algorithms to Customize the Scheduler With Its Application To Mobile Operating Systems.		0	2	1	0	3
2010-11	77	Prof. Mrs. Mangal Vedant Patil	Electronics	Dr. J.S. Chitode	Improvement of Robustness of Digital Audio Watermarking Algorithm Based On Sub-Band Coding In Transform Domain.		0	0	2	2	4
2010-11	78	Prof. Mrs. Smita Prasad Kawachale	Electronics	Dr. J.S. Chitode	Some Investigations For Segmentation In Speech Synthesis By Concatenation		1	0	0	0	1

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					For More Naturalness With Application To Text To Speech (IIS) For Marathi Language.						
2010-11	79	Prof. Chopade Mahesh Ramchandra	Mechanical	Dr. A.P. Valavade	Experimental Analysis and Investigation for Thermal Behavior of Ventilated Disk Brake Rotor Using CFD.		1	0	0	0	1
2010-11	80	Prof. Vishwas Sampatrao Jadhav	Mechanical	Dr. Y.S. Bhalerao	Grinding Machines Spindle System Vibration Analysis For Enhancement Of Grinding Wheel Life.		0	1	0	1	2
2010-11	81	Prof. Somshekhar Chandrashekhar Shilwant	Mechanical	Dr. A.P. Valavade	Quick Method For Evaluation of Surface Roughness By Optical Technique using Ruby Laser Beam.		0	0	1	2	3
2010-11	82	Prof. Mrs. Vrushali Vidyesh Khataavkar	Electrical	Dr. Mrs. Anajli A. Dharme	A Study Of Transmission Congestion Management.		0	0	3	1	4
2010-11	83	Prof. Mrs. Swati Shirish More	Electrical	Dr. Mrs. Anajli A. Dharme	Development of Decision Support System For Load Management In Electrical Power System.		0	0	2	2	4
2010-11	84	Prof. Rajashekhar Shiramayya Hiremath	Chemical	Dr. V.M. Bhandari	Studies In Physico Chemical Methods of Separation.		0	0	0	0	0
2010-11	85	Prof. Rajesh Hindurao Jadhav	Civil	Dr.I.D.Gupta	Ordered Peak Response Amplitude of Elastic Multi-Degree of Freedom Structures and Its Correlation with Non-Linear Response.		0	0	0	0	0
2010-	86	Prof. Mrs. Sunita	Computer	Dr. Parag	Reinforcement Learning		0	0	0	0	0

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11		Shivprakash Barve		Kulkarni	Based Spectrum Aware Optimal Routing in Multi-Hop Cognitive Radio Network.						
2010-11	87	Prof. Sanjesh Sadanand Pawale	Computer	Dr. Prof. S.J. Wagh	Performance Improvement of TCP By Applying Adaptive Window Size Over AIMD Approach.		0	0	2	0	2
2010-11	88	Prof. Mrs. BelaJayesh Joglekar	Information Technology	Dr. Parag Kulkarni	Context Determination Based On Sequence Of Images For external Feedback.		0	0	1	3	4
2010-11	89	Prof. Jayamala Kumar Patil	Electronics	Dr. Prof. Rajkumar	Content Based Image Retrieval For Plant Disease / Trait Analysis.		2	0	1	1	4
2010-11	90	Prof. Mrs. Dipti Yashodhan Sakhare	Electronics	Dr. Prof. Rajkumar	Toward Development An Efficient and Hybrid System For Automatic Text Summarization Using Sentence Features and Syntactic Structure.		2	1	0	1	4
2010-11	91	Prof. Mrs. Pallavi S. Deshpande	Electronics	Dr. Prof. J.S. Chitode	Emotion Classification and Mathematical Modeling of Time and Frequency Domain Parameters of Speech Signal For the Expression of Prosody In Synthetic Speech.		1	0	0	2	3
2010-11	92	Prof. Dhananjay Eknath Upasani	Electronics	Dr. Prof. R.D. Kharadkar	Development of A System For Monitoring & Automated Diagnosis of ECG Signal.		1	2	1	0	4
2010-11	93	Prof. Mrs. Sampada Abhijit	Electronics	Dr. Prof. Mrs. Varsha H.	Multimodal Biometric Identification System Using		1	0	1	2	4

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		Dhole		Patil	Fusion of Random Subset of Biometrics.						

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