

Annexure-I



DEVI AHILYA VISHWAVIDYALAYA, INDORE
Institute of Engineering & Technology

Research/PhD Outcome/ in progress at IET in the past years.

Ph.D. Awarded

S.No.	Names of Researcher & Supervisor(s)	Gender	Category	Subject(s)	Research Area /Title	Number of Publications In Journals/ Conference Proceedings	Status of the Work
1.	Dr. Ashesh Tiwari under Dr. A. I. Khandwawala	M	Gen	Mechanical Engineering	Design & Maintenance <i>Investigation for fault diagnosis of reciprocating compressor using pressure pulsation</i>	Journal- 01 Conference -11	Awarded December 2004
2.	Dr. Sunil K. Somani under Dr. A. I. Khandwawala	M	Gen	Mechanical Engineering	Design <i>Transmission Error in Spur Gear</i>	Journal - 00 Conference - 07	Awarded Aug 2004
3.	Dr Govind Maheshwari Under Dr A. I. Khandwawala	M	Gen	Mechanical Engineering	Thermal Engineering <i>Finite Time Thermodynamic Analyses of Heat Engine Cycles at Low Temperatures</i>	Journal- 12 Conference- 05	Awarded August 2005
4.	Dr. C.P. Paul under Supervisor: Dr. J. Negi Co-Supervisor: A.K. Nath	M	Gen	Mechanical Engineering	AREA <i>Parametric Studies of Laser Metal Deposition for Fabricating Engineering Components</i>		Awarded Aug 2005
5.	Dr. Rajeev Vishwakarma under Prof. M. Chandwani	M	Gen	Computer Engineering	Software Engineering <i>Re-engineering Software Process in Aspect-Oriented Paradigm</i>	Journal- nil Conference-07	Awarded April 2007

6.	Dr Mrs Maya Ingle Under Prof. M Chandwani	F	Gen	Computer Science	Artificial Intelligence <i>Computing research investigations in Natural Language Understanding</i>	Journal- 01 Conference- 04	Awarded December 2002
7.	Dr Priyesh Kanungo under Prof. M Chandwani	M	Gen	Computer Engineering	Operating Systems <i>Contributions Dynamic Load Balancing in Distributed Operating Systems</i>	Journal-01 Conference-03	Awarded April 2007
8.	Mr Vishal Chourasia under Prof. M Chandwani Dr Mrs Maya Ingle	M	Gen	Computer Science	Speech Recognition <i>Hindi Speech Data Analysis and Automatic Recognition</i>	Journal- 01 Conference- 04	Awarded October 2008
9.	Dr. Suresh Jain under Dr N S Chaudhari	M	Gen	Computer Science	Machine Learning <i>Investigations of Language Learning Methods</i>	Journal-03 Conference-04	Awarded March 2007
10.	Dr. Mrs. Vrinda Tokekar under Dr. A. K. Ramani	F	Gen	Computer Engineering	Quality of service in Computer networks <i>Performance studies of multimedia based networks</i>	Journal-2 Conference-11	Awarded May 2007
11.	Dr. Sanjay Tanwani under Dr. A. K. Ramani	M	Gen	Computer Engineering	Databases <i>Quality of Service in Real Time Databases</i>	Journals- 4 Conference-2	Awarded March 2007
12.	Dr. Nitin Seth Under Prof. Prem Vrat and Prof. S.G. Deshmukh	M	Gen	Mechanical Engineering	Supply Chain Management <i>Service quality in supply chains: A study of Indian management Organizations</i>	Journals – 04 Conferences-03	Awarded at IIT Delhi April 2007
13.	Dr Anshul Gangele Under Dr Jayant Negi	M	Gen	Mechanical Engineering	Supply Chain Management & Logistics <i>Analysis and Evaluation of Manufacturing System Parameters through Logistics</i>	Journal- 05 Conference-03	Awarded September 2007

14.	Dr. Dheeraj Mandloi under Dr. Sheela Joshi	M	Gen	Applied Chemistry	QSAR and drug design <i>QSAR studies on antibacterial activity of mannich bases</i>	Journal- 08 Conference-03	Awarded 2006
15.	Ms.Manju K. Chattopadhyay under Prof. S. V. Tokekar	F	Gen	Electronics Engineering	Micro-electronics Analytical Modeling and Characterization of AlGaIn/GaN High Electron Mobility Transistor.	Journal- 02 Conference-01	Awarded July 2008
16.	Mr Durgesh Mishra Under Prof. M Chandwani	M	Gen	Computer Engineering	Computer Security <i>Study of Secure Multiparty Computation Algorithms for Preserving Private Data</i>	Journal- 01 Conference- 05	Awarded May 2008
17.	Mr. Anil Rawat under Dr. A. K. Ramani Dr P D Vyavahare	M	Gen	Electronics Engineering	Mobile Networks <i>Performance Analysis of Mobile Adhoc Networks Routing Protocols</i>		Awarded July 2008
18.	Mr. Neetesh Purohit Under Prof. S. V. Tokekar	M	Gen	Electronics Engineering	Mobile Communication <i>Performance Analysis of Cellular Network with the Efficient use of Free Channels after Occurrence of a Cell Failure.</i>	Conference 5	Awarded November 2008
19.	Mr. Nagendra Sohani under Dr Nitin Seth Dr Ashesh Tiwari	M	Gen	Mechanical Engineering	Supply Chain Management (Information Management) <i>Strategic Modeling of Supply chain Information Management: an integrated approach</i>	Journal 4 Conferences-06	Awarded November 2008
20.	Mr Gendlal Prajapati under Dr N S Chaudhari Prof. M Chandwani	M	SC	Computer Engineering	Computer Theory <i>Learning of Context-free Grammars And Automata</i>	Conference-01	Thesis awarded

21.	Mrs Nidhi Nagar under Dr Mrs Maya Ingle Prof. M Chandwani	F	Gen	Computer Science	Web Technology <i>Investigations of Web Mining Algorithms</i>	Journal-01 Conference-02	Awarded September 2008
22.	Mr. Milind Dandekar under Dr. A. K. Chitale	M	Gen	Mechanical Engineering	<i>Investigating in the mechanics of Grinding Process</i>		Awarded November 2008
23.	Mr. Chandrakant Khairnar Under Prof. S. V. Tokekar	M	Gen	Electronics Engineering	Software defined radio <i>Code and Energy Efficiencies for Software Defined Radios For Mobile Applications.</i>	Journals 1 Conference 3	Awarded March 2009
24.	Mrs. Anita Seth Under Prof. H. M. Gupta Prof. Momaya	F	Gen	Electronics Engineering	Cellular Mobile Communication <i>QoS in Cellular Mobile Communication</i>	Journal- 04	Awarded at IIT New Delhi
25.	Ms. Sumitra Singh under Prof Shashi Prakash	F	Gen	Instrumentation	Photonics Instrumentation <i>Investigations on Scientific and Engineering applications of Lau interferometry</i>	Journals -03 Conference-05	Thesis Submitted
26.	Ms. Suwarna Torgal under Dr. A. Tiwari Dr. A. G. Ambekar	F	Gen	Mechanical Engineering	Design <i>Identification and Enumeration of Kinematics Chains using Identification Code</i>	Conference -05	Awarded 2010
27.	Mr. Girish Thakar under Dr. A. K. Chitale	M	Gen	Mechanical Engineering	<i>Certain Investigations in Product Design For Environment with Reference to Indian Automobile Industry</i>		Awarded2010
28.	Mr. S. S. Khinchi Under Dr. Kane	M	Gen	Science (Physics)	Structural and Magnetic Investigation of Fe-Co Based Nano crystalline Alloy	Journal-4 Conference-5	Awarded 2010

Ph.D. under process and registered							
S.No.	Names of Researcher & Supervisor(s)	Gender	Category	Subject(s)	Research Area /Title	Number of Publications In Journals/ Conference Proceedings	Status of the Work
29.	Mr Pratosh Bansal under Prof. M Chandwani	M	Gen	Computer Engineering	Knowledge Management <i>Investigations on Computational Frameworks of Knowledge Management in Academic Excellence</i>	Journal- 01	Submitted
30.	Ms Meena Sharma under Prof. M Chandwani	F	Gen	Computer Engineering	Software Engineering <i>Business Modeling with Software Engineering Approach</i>	Conference-02	Submitted
31.	Mr. Pradeep Yadav under Dr. A. Tiwari	M	OBC	Mechanical Engineering	Condition monitoring and Thermal Engg Condition Monitoring of Fluid Flow Systems using Artificial Neural Network	Conference -04 Journal- 01	Registered
32.	Mr. Prabhat Gupta under Dr. A. Tiwari	M	Gen	Mechanical Engineering	Thermal Engg <i>Performance Investigation of Heat Exchanger for Cryogenic Applications</i>	Journal- 02 Conference -01	Awarded
33.	Mr. S. C. Sharma under Dr. A. Tiwari	M	Gen	Mechanical Engineering	Thermal Engg <i>Performance Enhancement of a Solar pond by Parametric control and system modification</i>	Journal 1 Conference 2	Submitted
34.	Mr. Ravi Sindal under Prof. S. V. Tokekar			Electronics Engineering	Cellular Networks <i>Simulation and Analysis of adaptive Soft handoff scheme for Call admission control of multiclass calls in Code Division Multiple Access (CDMA) network using Soft Computing Techniques.</i>		Submitted

35.	Mr. A. Mehta under Dr. S. K. Somani	M	Gen	Mechanical Engineering	Thermal <i>Finite Time Thermodynamic Analysis of Energy Conversion Systems/ Thermal Engineering</i>	Journal-04 Conference-04	Registered
36.	Mr. Sharad Chaudhary Under Dr S.K.Somani	M	Gen	Mechanical Engineering	Thermal Engineering <i>Exergy Analyses of Resource Conversion Systems</i>	Journal- 04 Conferences 04	Submitted
37.	Mr. Dev Vrat Singh under Dr. J. Negi	M	Gen	Mechanical Engineering	Optimization of Design parameters Optimization of Design Parameters for <i>Tractor Power Take Off Operated Weeding Tool</i>		Summary submitted
38.	Mr. P.C. Sethia under Dr. S. K. Somani	M	Gen	Mechanical Engineering	Industrial Engineering <i>New Hybrid Approach in CPS /CMS for All Round Optimization</i>	Journal-0 Conference-2	Registered
39.	Mr. Rahul Vasudev Patil under Dr. S. K. Somani	M	Gen	Mechanical Engineering	Design Engineering Optimal Design and Development of a <i>Five BAR Mechanism with Dynamic Consideration</i>	Conference-1	Registered
40.	Mr. Vivek Kapoor Under Dr. A.P. Khurana Dr. S. Dey	M	Gen	Computer Science	Optimization & forecasting techniques, genetic algorithms <i>Market Interaction Modeling using Genetic and Evolutionary Algorithms</i>	Nil	Registered
41.	Mr Hemant Mehta Under Dr P Kanungo Prof M Chandwani	M	Gen	Computer Science		Conf-01	Registered
42.	Mr. A. Chandak under Dr. S. K. Somani	M	Gen	Mechanical Engineering	Solar Energy <i>Design, development, testing and standardization of solar thermal gadgets for industrial applications</i>	Conference-5	Registered

43.	Devendra Singh Verma Under Dr. Ashesh Tiwari Dr. Jayant Negi	M	SC	Mechanical Engineering	Industrial Engg. & Mgmt. <i>Evolution of Logical Framework for Product Development employing synthesis of Quality Function Deployment and appropriate analytical tools”</i>	Journal -02 Conference-01	Submitted
44.	Ms. Richa Gupta under Prof. S. V. Tokekar	F	Gen	Computer Engineering	Computer architecture <i>Performance Evaluation by using Different Replacement Algorithms in L1 and L2 Cache</i>	Nil	Submitted
45.	Mr. Sunil Kushwaha Under Prof. S. V. Tokekar	M	OBC	Computer Engineering	Computer Networks <i>Design And Performance Evaluation of TCP/IP Differentiated Service using Neuro-Fuzzy Approach.</i>	One	Registered
46.	Ms Pragya Shukla under Prof. M Chandwani	F	Gen	Computer Engineering	Artificial Intelligence <i>Study of Optimization Algorithms Using Fuzzy Logic & Their Applications</i>	Nil	Registered
47.	Mr Ramesh Thakur under Dr Suresh Jain	M	Gen	Computer Engineering	Information Extraction <i>Information Extraction of Semi- structured and Unstructured Data using Grammatical Inference</i>	Nil	Registered
48.	Ms. Sunita Varma under Dr. Vrinda Tokekar	F	Gen	Computer Engineering	Quality of service in multihop wireless networks	Nil	Registered
49.	Mr. Ajay Verma under Dr. Nitin Seth	M	Gen	Mechanical Engineering	Supply Chain Competitiveness	Nil	Registered
50.	Mr. Vaibhav Jain* (under QIP Scheme IIT Delhi)	M	Gen	Computer Engineering	Databases	Nil	Registered at IIT Delhi under QIP

51.	Mr. Naresh Patel under Dr. C. L. Parihar	M	OBC	Applied Sciences (Mathematics)	Number theory <i>Study of Pell and Pell-Lucas Sequences with Extension to Related Polynomials</i>	Journal-2 Conference-6	Awarded
52.	Mr. Punit Shrivastava under Dr. C. L. Parihar	M	Gen	Applied Sciences (Mathematics)	Number theory <i>Study of Lucas and Related Sequences and Related Polynomials</i>	Journal-2 Conference-6	Awarded
53.	Mr Jitendra Singh under Dr. Pratibha Sharma	M	Gen	Applied Sciences (Chemistry)	Synthesis, QSAR, Electrochemistry, Computational Chemistry		Registered
54.	Mr. Dheeraj Nitnavare under Dr. A.Verma	M	Gen	Electronics	Energy Efficient Protocols in Networks with adoptive Topology	Nil	Submitted
55.	Mr PD Ashok	M	SC	Elect and Telec			Registered in QIP at IIT Khadagpur
56.	Mr.Amit Gupta Under Dr.A Tiwari		Gen	Mechanical	Study of noise reduction of acoustic reactive mufflers		Registered
57.	J.K Sharma Under Dr. A Tiwari	M		Mechanical	Design		Registered
58.	Mr.Yash Dave Under Dr. N. Sohani	M	Gen	Mechanical	Integrated model improving production efficiency through Lean manufacturing	Journal 2	Registered
59.	Mr.Hemant Marmat Under Dr. N Sohani	M	SC	Mechanical	Analyzing and prioritizing issues in Inbound supply chain	Conf 2	Registered
60.	Mr. Ramjanm Singh Under Dr. N Sohani	M		Mechanical	Supply chain integration	Journal 2 Conf 1	Registered

61.	Mrs Juhi Kamakotty Under Dr. N Sohani	F	Gen	Mechanical	Development of Measure of Service quality in supply chain		Registered
62.	Mohit Maheshwarkar Under Dr. N Sohani	M	Gen	Mechanical	Evaluation of Knowledge management level based on MCDM	Confere 2	Registered
63.	Mr. Sanjay Purkar Under Dr. G. Maheshwari	M	Gen	Mechanical	Zero defect acceptance sampling		Registered
64.	Mr. Sanjay Khatwani Under Dr. G. Maheshwari	M	Gen	Mechanical	Finite time exergoeconomic analysis of VAR		Registered
65.	Mr. Dheerendra Singh Under Dr. G. Maheshwari	M	Gen	Mechanical	Energy exergy analysis of VAR		Registered