

List Of Candidates Pursuing /Awarded Ph. D. or M.Tech.

DEPARTMENT OF CIVIL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1	Ms Suza George	Dr. Prabhat Pandit Prof. A.B. Gupta	Thermodynamic studies for analysis of Alumino-fluoro complexes in drinking water	Preparing pre synopsis
2	Ms Nivedita Kaul	Prof. A.B. Gupta Dr. Jyotirmay Mathur	Indoor air pollution- domestic environs	Registered during session (2005-2006)
3	Sh. Vineet Gupta	Prof. A.B. Gupta Dr. Jyotirmay Mathur	Indoor air pollution- domestic environs	Registered during session (2005-2006)
4	Sh. Lalit Joshi	Prof. A.B. Gupta Dr. Jyotirmay Mathur	Indoor air pollution- domestic environs	Registered during session (2005-2006)
5	Sh. Rajneesh Jain	Prof. A.B. Gupta Dr. Jyotirmay Mathur	Indoor air pollution- domestic environs	Registered during session (2005-2006)
6	Sh. D.R. Jangid	Prof. A.B. Gupta Dr. R.K. Vyas	Optimization of sewage treatment in the presence of dyes	Registered during session (2006-2007)
7	Mr. Dipak N. Kongre	Prof. Rohit Goyal	Water Resource Management Study of Proposed Parbati–Kalisindh–Chambal Link Project	Continuing
8	Mr. Vijay Kumar Singhal	Prof. Rohit Goyal	Use of GIS for Pollution Control Planning/Monitoring in the Rajasthan State	Continuing
9	Mr. SB Patil	Prof. A K Vyas	Application of Solidification /Stabilization technique using ISF slag as a construction material	Continuing
10	Mr SMS Shashidhar	Prof. A K Vyas	A Study on characterization of ISF Slag	Continuing
11	Mr. Santosh Pingle	Dr. Mahesh Kumar Jat & Prof. Deepak Khare	Urban Water Management	Going on
12	Mr. Rohitas Singh	Dr. Mahesh Kumar Jat & Dr.	Modelling of Moisture uptake by	Going on

		Vijay Shankar	plants	
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List of Candidates Awarded M. Tech. Degree

S. NO.	Investigator	Supervisor	Title of thesis	Status
1	Amit Lunia	Prof. A.B. Gupta	Comparative analysis of grain based distillery with molasses based distillery	Awarded
2	Mr. Ashok Kadaverugu	Prof. Rohit Goyal	Urban Heat Island Studies of Rajasthan Cities using Remote Sensing and GIS	Completed
3	Sunil Jain	Dr. Sanjay Mathur	Study of treatability of textile wastewater with elctro-chemical treatment	submitted

DEPARTMENT OF COMPUTER ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1	Sh. Girdhari Singh	Prof. M.C. Govil	Real Time Modelling	Continuing
2	Smt. Neeta Nain	Dr. Vijay Laxmi	Image Processing	Continuing
3	Smt. Namita Mittal	Prof. M.C. Govil	Data Mining	Continuing
4	Sh. Dinesh Gopalani	Prof. M.C. Govil	Aspect Oriented Language	Continuing
5	Sh. Mushtaq Ahmed	Dr. Vijay Laxmi	VLSI – High Level Synthesis	Continuing
6	Sh. Ved Prakash Shringi	Prof. M.S.Gaur Dr. Vijay Laxmi	Smart Cards	Continuing
7	Sh. Anukram Mishra	Prof. M.S.Gaur	Metering for	Continuing
8	Capt. K.K.Palliwal	Prof. M.S.Gaur	NoC Issues and Challenges	Continuing
9	Sh. Naveen Choudhary	Prof. M.S.Gaur	NoC Routing	Continuing
10	Mrs. Meenakshi Tripathi	Prof. M.S.Gaur Dr. Vijay Laxmi	Wireless Sensor Networks	Continuing
11	Sh. Mukesh Agarwal	Prof. M.C. Govil	Multi-Core Architectures	Continuing

DEPARTMENT OF ELECTRICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1	M.R.Farooqi	Dr. K.R.Niazi	Restructuring of Electrical Power Distribution system Network.	Submitted
2	Sanjay Bansal	Dr. K.R.Niazi	Dynamic performance improvement using FACTS Controller	In progress
3	Mr. Rajkumar	Prof. R. A. Gupta	Performance analysis of Static Slip Power Recovery Drive	Awarded
4	Mr. Manoj Gupta	Prof. R. A. Gupta & Dr. Rajesh Kumar	Analysis of Power Quality disturbance using AI techniques	Continuing
5	Mr. Shree Krishna Bishnoi	Prof. R. A. Gupta & Dr. Rajesh Kumar	"AI Based Control and Estimation of SRM Drive	Continuing
6	Mr. S. V. Bhangle	Prof. R. A. Gupta & Dr. Rajesh Kumar	High performance Direct Torque Control for induction motor drive	Continuing
7	Mr. Ajay Kumar Bansal	Prof. R. A. Gupta & Dr. Rajesh Kumar	Neuro Fuzzy Based Control of PMLDC Drive	Continuing
8	Mr. Virendra Swroop Sangtani	Prof. R. A. Gupta & Dr. Rajesh Kumar	Matrix converter fed Induction motor drive	Continuing
9	Mr. Rajkumar	Prof. R. A. Gupta	Performance analysis of Static Slip Power Recovery Drive	Awarded
10	Mr. Manoj Gupta	Prof. R. A. Gupta & Dr. Rajesh Kumar	Analysis of Power Quality disturbance using AI techniques	Continuing
11	Mr. Shree Krishna Bishnoi	Prof. R. A. Gupta & Dr. Rajesh Kumar	"AI Based Control and Estimation of SRM Drive	Continuing
12	Mr. Rajesh S. Surjuse	Prof. R. A. Gupta & Dr. Rajesh Kumar	Neural Network Based Estimators for IM Drive	Continuing

13	Mr.Ramesh Pachar	H.P. Tiwari	Course work In Progress	II Sem
14	Mr. Sunil Kumar Gupta	H.P. Tiwari	-do-	II Sem

List of Candidates Awarded M. Tech. Degree

S. NO.	Investigator	Supervisor	Title of thesis	Status
1.	Naveen Manda	M.K.Shah	Non Technical losses in Electrical power systems	Continue
2.	Sitanshu Beharia	Dr. Manoj Fozdar	A method to damp oscillations in power system.	Awarded
3.	Kamlesh Khedar	Dr. Manoj Fozdar	Improvement of transient stability using FACTS devices.	Continue
4.	V. Kiran Babu	Dr. K.R.Niazi	Reconfiguration of Distribution Systems Using ANN	Awarded
5.	Roshan Ali	Dr. K.R.Niazi	Restructuring of transmission systems	Continue
6.	Sudhanshu Gupta	Purna Jain	Use of Hopfield Neural network to accomplish Economic load dispatch of Power system with Piecewise Quadratic Cost function of generation.	Continuing
7	Mr. Ajay Kumar Bansal	Prof. R. A. Gupta & Dr. Rajesh Kumar	Direct torque control of Permanent Magnet Synchronous Motor	Completed
8	Mr. Virendra Swaroop Sangtani	Prof. R. A. Gupta & Dr. Rajesh Kumar	Simulation and analysis of matrix converter fed Induction Motor	Completed
9	Mr. Bharat Bhushan Jain	Prof. R. A. Gupta & Dr. Rajesh Kumar	Multi-pulse controlled Induction Motor Drive	Continuing
10	Mrs. Swati Singh	H.P. Tiwari & Rajesh Kumar	Modeling & Simulation Of Linear Induction Motor Based On MATLAB/SIMULINK	In Progress
11	Mr. Rajendra Prasad Neel	H.P. Tiwari	Loss Reduction In Distribution System With Genetic Algorithm	In Progress
12	Devendra Kumar Mittal	Anil Swarnkar	Modeling and Analysis of Harmonic Sources in Electric Power System	Completed
13	Manoj Kumar	Praveen K. Agarwal	Hopfield Neural Network for State Estimation of Power System	Completed
14.	Mr. M.K .Dayma	Rajesh Kumar	Single phase to three phase cyclo-converter	Continuing

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic (Area)	Status
1.	Dr. Sunil Joshi	Prof. S. Sancheti	Studies on Millimeter Wave Propagation	Completed
2.	M. Salim (faculty)	Prof. R.P. Yadav	Turbo Codes for Wireless Applications	Part Time Completed course and comprehensive written exam. work
3.	M. M. Sharma (faculty)	Prof. R.P. Yadav	Broadband Microstrip Antennas	Part Time Completed course and comprehensive written exam. work
4.	D. Boolchandani (faculty)	Dr. V. Sahula	VLSI Design	Continuing
5.	Ghanshyam Singh (faculty)	Prof. R.P. Yadav, Dr. V. Janyani	Optical Switching	Part Time Completed Course Work
6.	Ritu Sharma (faculty)	Dr. S.K. Bhatnagar, Dr. V. Janyani	Nano-Photonics	Continuing
7.	Dhirendra Mathur	Dr. S.K. Bhatnagar, Dr. V. Sahula	Microstrip Antennas	Continuing
8.	Om Prakash Sharma	Dr. V. Janyani	Channel Coding	Continuing
9.	Garima Mathur	Prof. R.P. Yadav	Error Control Codes	Continuing
10.	Ulhas Deshmukh	Dr. V. Sahula	VLSI Design	Continuing
11.	Narendra Yadav	Prof. R.P. Yadav	Mobile Adhoc Networks	Full Time Submitted Synopsis
12.	Parul (Pathak) Rawat	Dr. V. Janyani	Photonic Crystals	Continuing
13.	Lokesh Tharani	Prof. R.P. Yadav	Multi User Detection	Part Time Completed course and

				comprehensive written exam. work
14.	Manish Tiwari	Dr. V. Janyani	Photonics	Continuing
15.	Deosarkar Bhaskar Rao Pindlikrao	Prof. R.P. Yadav	Wireless Networks	Continuing

List of Candidates Awarded M. Tech. Degree

S. NO.	Investigator	Supervisor	Title of thesis	Status
1	Ms Anshu Chittora	Dr R.P.Yadav	Performance Evaluation of Various Space Time Codes	Completed
2	Mr Ankit Bhargava	Dr R.P.Yadav	Modified Decision Feedback Scheme for Efficient Behind Detection of improper DS-CDMA signal	Completed
3	Ms Sweta Bansal	Dr R.P.Yadav	Multiuser Diversity	Completed
4	Dalpat Borana	Ghanshyam Singh	Optical imaging and reconstruction algorithm for spatially multiplexed spectral domain coherence tomography	Submitted
5	Vishwajeet Mishra	Vijay Janyani	Design of FBGs for Optical Fiber Sensors	Completed
6	Girdhari Chaudhary	Vijay Janyani	Characterisation of Sampled fiber Bragg gratings	Completed

DEPARTMENT OF MANAGEMENT STUDIES

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic / Area	Status
1	Mr. Sanjay Gaur	Dr. A. Bhardwaj	Quality in HR	Continuing
2	Mr. Ajeet Poonia	Dr. G.S. Dangayach Dr. A. Bhardwaj	Technology Management	Continuing
3.	Mr. Sanjay Rajpal	Dr. A. Bhardwaj	Information Management in	Continuing

			distance education	
4.	Ms. Pooja	Dr. G.S. Dangayach	Information Management	Continuing
5.	Mr. Brij Kishore Sharma	Prof. Ashok Sharma Dr. M.L. Mittal	Quality Management	Continuing
6.	Kailash Gupta	Dr. G.S. Dangayach Dr. A. Bhardwaj	Disaster Management	Continuing
7	Anupam Krishna	Dr. G.S. Dangayach Dr. Rakesh Jain	Uncertainty in Service management	Continuing
8	Piyush Mishra	Dr. G.S. Dangayach Dr. M.L.Mittal	Project Management	Continuing

DEPARTMENT OF MECHANICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	CP Cigar	SL Soni	Comparative Investigation on combustion and performance of a Dual Fuel engine using LPG and Bio-diesel	Completed
2.	Kamal Khatri	S.L.Soni	Studies on Straight Vegetable Oil-Diesel Opertaed Trigeration System	Continuing
3.	Col. Jitendra jain	S.L. Soni	Development of Software Simulator for Predicting Design Parameter of Gas Gun	Continuing
4.	Ugandhar Puli	Prof. A. K. Rajvanshi	Investigation of subcooled flow boiling heat trasfer	Continuing
5.	Sanjay Rajurkar	Prof. Rakesh Jain	Food Supply Chain modelling	Continuing
6.	Manu Augustine	Prof. Rakesh Jain and Prof. APS Rathore	Product concept development framework	Continuing

7.	Mahendra Singh Khedia	A. Bhardwaj	Ergonomics in Agriculture	Continuing
8.	Manish Bhargava	A. Bhardwaj	Six Sigma	Continuing
9.	A. D. Sharma	Dr. G. S. Dangayach Prof. S. C. Pathak	Advanced Manufacturing Technologies: A Multi Sector Study of Indian Manufacturing Companies	Awarded
10.	R. P. Rajoria	Dr. G. S. Dangayach Prof. S. K. Gupta	Failure Analysis of Antifriction Bearings	Awarded
11.	Jinesh Jain	Dr. G. S. Dangayach Prof. G. Agarwal	Supply Chain Management	In-process
12.	Kamal Kishore Khatri	Dr. Dilip Sharma & Dr. S.L. Soni	Studies on Straight Vegetable Oil Diesel Blend Operated Trigenration System	Continuing
13.	Ram Kumar Agarwal	Dr. Dilip Sharma & Dr. D.K. Jain	Energy Audit	Continuing
14.	Bhupendra Sharma	Dr. Dilip Sharma	Internal Combustion Engines	Continuing
15.	Sadanand S Deshpande	Prof G. Agarwal	Pneumatic muscle actuator	Continuing
16.	Puyush Singal	Prof G. Agarwal & Dr. M.L. Mittal	Supply Chain Management	Continuing
17.	Sunil S Bhamare	Prof. A.P.S. Rathore	Reliability	Continuing
18.	Mr.R.R.Saraf	Prof.P.K.Saxena	I.C.Engines	Pursuing

List of Candidates Awarded M. Tech. Degree

S. NO.	Investigator	Supervisor	Title of thesis	Status
1.	Anita Agarwal	Dr. S.L.Soni	Energy Assessment in Steel Re-Rolling Mills	Continuing

2.	Pradeep Kumar	Prof. A. K. Rajvanshi	Pool Boiling Heat Trasfer	Continuing
3.	Moti Lal	Prof. A. K. Rajvanshi	Pool Boiling Heat Trasfer	Continuing
4.	Mr. Avinash Panwar	Prof. A.PS Rathore	Implementation of Benchmarking concepts in Indian Automobile industry: An empirical study -	Completed
5.	Mr. Manu Augustine	Prof. Rakesh jain	A methodology for product concept selection with the application of fuzzy logic	Completed
6.	Mr sushil	Prof. Rakesh jain	Development of a framework for severity rating augumentation in system level FMEA	Completed
7.	Naresh Agrawal	Dr. A. Bhardwaj	Reverse Logistics	Complete
8.	Manoj Yadav	Dr. A. Bhardwaj	Work Study	Complete
9.	Anurag	Dr.A. Bhardwaj	Six Sigma	Cotinuing
10.	M. L. Meena	Dr. G. S. Dangayach	Measurement of Customer Satisfaction in Banking Sector	Completed
11.	Yogesh Sharma	Dr. G. S. Dangayach	Total Quality Management in Hospitals	Completed
12.	Satish Kumar	Dr. Dilip Sharma	Experimental Investigation of optimum fuel injection timing and injection pressure for Stationary C. I. Engine operated on Karanj- Diesel blend	Continuing
13.	Neeraj Kumar	Dr. M.N. Mittal	Multiproject Scheduling	Continuing
14.	Amit Kumar	Dr. M.N. Mittal	MADM Apllication in Industry	Continuing
15.	Pawan Babar	Dr. M.N. Mittal	Metaheuristic for project scheduling	Continuing

DEPARTMENT OF MATHEMATICS

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1	Amit Srivastava	Prof. K.C. Jain	Information Theory	Submitted Thesis
2	Ruchi Mathur	-do-	-do-	Continuing
3	Rajani Agrawal	Prof. Rashmi Jain	Special Function	Awarded
4	Ranjeeta Nahar	-do-	-do-	Continuing
5	Vandana Agrawal	Prof.Kantesh Gupta	Special Function	Continuing
6	Vishwas Joshi	Dr. Nilama Gupta	Operation Research	Continuing
7	Ekta Singh	-do-	-do-	Continuing
8	Monika Wiseman	Dr. R. C. Soni	Special Function	Continuing
9	Shalini Shekhawat	Dr. Sanjay Bhattar & Prof. Rashmi Jain	Special Function	Continuing

DEPARTMENT OF PHYSICS

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Mr. Daulat kumar Sharma	Prof. S.K. Sharma	Study of Environmental effects on surface of some Atmosphere alloys	Completed Comprehensive exam. in Sept 2007
2.	Ms. Shubhra Mathur	Dr. K. Sachdev	Study of Thermo-Chemical Behaviour of some Metallic Glasses	continuing
3.	Mr. Abhishekh Sharma	Prof. K.C. Swami	Study of Plasmas and materials with plasma processing	continuing
4.	Ms. Ambica Marwal	Prof. K.R. Soni	Compton Scattering	continuing

DEPARTMENT OF STRUCTURAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1	Mr. Vinay Agrawal	Prof. Ravindra Nagar	Prediction of Slab Deflection at Conceptual Design Stage using Artificial Neural Network.	Completed
2	Mr. Raj Kishore Prajapati	Prof. Ravindra Nagar	Application of Artificial Neural Network	In Progress
3	Mr. Rohit Ramteke	Prof. Anurag Misra	Durability studies on high volume fly ash concrete	In progress
4	Mr. Pawan Kalla	Prof. Anurag Misra	Durability of concrete containing wollastonite and its suitability for construction of rigid pavement	In Progress
5	Mr. Rajesh Gupta	Prof. Anurag Misra	Durability of self compacting concrete containing marble powder	In progress

List of Candidates Awarded M. Tech. Degree

S. NO.	Name of student	Supervisor	Title of thesis	Status
1	Mr. Gaurav Sancheti	Prof. Anurag Misra & Mr. Pawan Kalla	Cover Zone permeability of concrete containing Wollastonite	In Progress
2	Mr. Govind Sahai Meena	Prof. Anurag Misra & Mr. Pawan Kalla	Strength and absorption studies on concrete containing wollastonite	Awarded
3	Mr Madan Lal Bairwa	Prof. Anurag Misra	Study of strength and absorption characteristics of high volume fly ash concrete	Awarded
4	Mr. Sachin Patil	Prof. R. Nagar	Study of Concept of Beam In Elastic Foundation for Tall Building Design	Awarded
5	Mr. Hemant Kachhawa	Mr. Vinay Agrawal with Prof. Nagar	Torsion in Buildings	In Progress