List of Ph.D.s awarded in last five years

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Harjot Kaur	Chemical Engineering	R.K. Gupta, V.K. Bulasara	Preparation and characterization of composite membranes for ultrafiltration applications	2011	2018
Nitin Goyal	Chemical Engineering	S. Barman, V.K. Bulasara	Studies on removal of emerging endocrine disruptor compounds from aqueous phase by synthesized nanozeolites	2015	2018
Mr. Sandeep Kumar	Chemical Engineering	Dr. H. Bhunia	Photocatalytic treatment of textile effluent	2006	2013
Mr. Surjit Sengupta	Chemical Engineering	Dr. H. Bhunia Dr. P.K. Bajpai Dr. Asit K. Das	Studies on CO_2 capture using adsorption from refinery flue gas	2009	2015
Mr. Gaurav Madhu	Chemical Engineering	Dr. H. Bhunia Dr. P.K. Bajpai	Studies on degradability of high density polyethylene and polylactide blends	2012	2015
Ms. Chitrakshi Goel	Chemical Engineering	Dr. H. Bhunia Dr. P.K. Bajpai	Development and characterization of nanostructured carbon adsorbents for carbon dioxide capture	2011	2016
Damandeep Singh	Chemical Engineering	Dr. Raj Kumar Gupta/Dr. Vineet Kumar	Experimental Investigation of Industrial Scale Finishing Reactive Distillation Column	2009	2016
Pooja Puri	School of Chemistry and Biochemistry	Dr. Rajeev Mehta/ Dr. Sunita Rattan (AMITY)	Synthesis and Characterization of Polyurethane Nanocomposites	2008	2016
Pankil Singla	School of Chemistry and Biochemistry	Dr. Rajeev Mehta/ Dr. S. N. Upadhyay	Microwave assisted polymerization of lactide and in-situ preparation of poly (lactic acid)- clay nanocomposites	2008	2014
Amit Jain	School of Chemistry and Biochemistry	Dr. Rajeev Mehta/ Dr. Susheel Mittal	Modeling and Simulation of insulation for solar PV and thermal based power plants in India	2009	2013
Shilpa Narang	School of Chemistry and Biochemistry	Dr. Rajeev Mehta/ Dr. S. N. Upadhyay, IIT-BHU	Synthesis of polycarbonates from carbon dioxide and propylene oxide	2011	2016
Ruchika Thakur	School of Chemistry and Biochemistry	Dr. Raj Kumar Gupta/Dr. S. Barman	Studies on Transalkylation over Modified Zeolite Catalysts	2012	2016
Deepak Bhandari	Mechanical Engineering	Dr. Rajeev Mehta/Dr. R. Chhibber, IIT Jodhpur	Design and development of SMAW for bimetallic welds	2009	2017
Hamendar K. Aggarwal	Mechanical Engineering	Dr. Rajeev Mehta/Dr. R. Chhibber, IIT Jodhpur	Designing a rig for investigating thermal fatigue of bimetallic welds	2009	2017
Mohit Garg	Mechanical Engineering	Dr. Rajeev Mehta/ Dr. Shruti Sharma, CED	Performance evaluation of carbon nanotubes modified fibre reinforced polymer composites	2012	2016
Manpreet Kaur	Deptt. of Physics, GNDU	Dr. Rajeev Mehta/Dr. Surinder Singh, GNDU	Radiation induced modifications in Poly(lactide-co-glycolide) polymer	2010	2015
Ms. Kimi Jain	Department of Biotechnolgy	Dr. M.S. reddy Dr. H. Bhunia	Development of polypropylene-polylactide blends and their degradation by bacterial isolates	2012	2017
Mr. Manjeet Singh	Mechanical Engineering	Dr. H. Bhunia Dr. J. S. Saini	Study of nanocomposite laminates and failure analysis of pin joints	2013	2018
Purandare Pramod Shripad	Mechanical Engg.	Dr. Raj Kumar Gupta/Dr. Mandar Lele	Investigation on Heat Transfer in Conical Coiled Heat Exchangers	2010	2016
Mr. Harvinder Singh	Civil Engineering	Dr. Maneek Kumar , Dr. Naveen Kwatra	Flexural Behaviour of Reinforced Concrete Slabs with Generalized Edge Conditions	2006	2012
Mr. Gurpreet Singh	Civil Engineering	Dr. Rafat Siddique	Strength And Durability Studies of Concrete Containing Waste Foundry Sand	2008	2013
Ms. Neelam Sharma	Civil Engineering	Dr. Rafat Siddique	self compacting concrete;Fly ash;foundry sand;elevated tempratures	2007	2013
Mr.Kunal	Civil Engineering	Dr. Rafat Siddique	Microbial treatment of Cement Kiln Dust for Utilization in Concrete	2009	2014
Mr. Sharma, Sandeep Kumar	Civil Engineering	Dr Abhijit Mukherjee	Health Monitoring of Submerged Plates Using Ultrasonic Guided Waves	2006	2014
Mr. Varinder Singh	Civil Engineering	Dr. Prem Pal Bansal, Dr. Maneek Kumar, Dr. S. K. Kaushik	Retrofitting of Reinforced Concrete Beam-Column Joints Using Bonded Laminates	2009	2015

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Ms. Rachna Aggarwal,	SOM	Dr. Maneek Kumar Dr. R. K. Sharma, Dr. Mahesh Sharma	Reliability based Single and Multi-Objective Optimization of Concrete Mix Design Parameters	2009	2015
Mr. Malkit Singh	Civil Engineering	Dr. Rafat Siddique	Effect of Coal Bottom Ash on Strength and Durability Properties of Concrete	2010	2015
Ms. ShardulJoshi	Civil Engineering	Dr. Naveen Kwatra,and S.N. Londhe	Data Driven Tools for Dynamic Analysis of Building Frames	2009	2015
Ms. Shilpa Patil	Civil Engineering	Dr. Shwete Goyal and Dr. Bilavari Karkare	Acoustic emission vis-à-vis electrochemical techniques for corrosion assessment in RC elements	2009	2015
Mr. Gurbinder Singh	SHSS	Dr. Maneek Kumar	Service Quality Management in Selected universities of Punjab: Student's Perspective	2009	2016
Mr. Mohit Gard	MED	Dr. Shruti Sharma and Dr. Rajeev Mehta	Performance Evaluation of Carbon Nanotubes Modified Fibre Reinforced Polymer Composites	2012	2016
Ms. Palika Chopra	CSED	Dr. Maneek Kumar ,Dr. R. K. Sharma	Neuro-Computing Techniques for Prediction of Compressive Strength of Concrete	2009	2017
Mr. Birinderjit Singh	Civil Engineering	Dr. Maneek Kumar , Dr. Sanjai Saxena	Evaluation of Microbial Bio herbicides for Eichhornia Crassipes to Rejuvenate Water Bodies of Punjab	2016	2017
Mr. Gurpreet Singh	Civil Engineering	Dr. Rafat Siddique	Performance Characteristics of Self-Compacting Concrete Containing Iron Slag	2012	2017
Mr. Ankur Mehta	Civil Engineering	Dr. Rafat Siddique	Strength and Durability Properties of Low-Calcium Fly Ash Based Geopolymer Concrete	2012	2017
Mr. Manoj	Civil Engineering	Dr. Maneek Kumar , Dr. Sanjay Sharma, NITTTR	Design and Development of Concrete using Municipal Solid waste Ash	2012	2017
Mr. Mani Kanwar Singh	Civil Engineering	Dr. Dwarikanath Ratha and Dr. Satish Kumar	Analysis of Flow Characteristics of Slurry Transportation System	2012	2017
Mr. Tanuj Chopra	Civil Engineering	Dr. Naveen Kwatra, Dr. Manoranjan Parida	Development of Pavement Maintenance Management System (PMMS) for Urban Roads	2010	2018
Ms. Reema Goyal	Civil Engineering	Dr. Shwete Goyal and Dr Abhijit Mukherjee	FRP Structural Stay-In-Place Formwork for Concrete Slabs	2010	2018
ShaliniBatra	CSED	Prof SeemaBawa	A framework for semantic web services discovery	2007	2012
Shashi	CSED	Prof SeemaBawa	Interoperability and Trust Management Solutions for establishing Secure Grids	2007	2012
Prateek Bhatia	CSED	Prof R K Sharma	UNL Based Machine Translation System For Punjabi Language	2007	2012
Shivani Goel	CSED	Prof Ravi Kiran	Designing a framework for an efficient ERP implementation in technical education institutes	2008	2012
MeetaVenkataPadmavati	CSED	Prof Deepak Garg, Prof Kamala Krithivasan	Modeling and Simulation of SNP Systems using Petri nets	2008	2012
Sushma Jain	CSED	Prof JD Sharma	Multicast Routing Algorithm for Computer Networks	2005	2012
Rajni	CSED	DrInderveerChana	Qos Based Resource Provisioning and Scheduling in Grids	2009	2013
SarbantiMaji	CSED	Prof Deepak Garg	Design of Algorithms for Gene Production	2009	2013
BhawnaMallick	CSED	Prof Deepak Garg, Prof SP Grover	Developing Efficient Algorithms for Incremental Mining of Sequential Patterns	2009	2013
Ajay Kumar	CSED	Dr. Anil Kumar Verma	Design & development of algorithms for converting parallel regular expressions to deterministic finite automata.	2008	2013
Tulika	CSED	Prof Deepak Garg, Prof MM Gore	Developing event based middleware for information dissemination in vehicular ad-hoc networks	2008	2014

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Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Gaurav Sharma	CSED	Dr. Anil Kumar Verma	Design and Development of an efficient cryptographic algorithm for wireless sensor networks	2009	2014
Krishan Kumar	CSED	Dr. VP Singh	Neural network based power control algorithms for mobile ad-hoc networks	2010	2014
Kamal kumar	CSED	Dr.Anil Kumar Verma , Dr.R.B. Patel	Secure information dissemination in heterogeneous wireless sensor networks	2008	2014
Pankaj Deep Kaur	CSED	Dr. InderveerChanna	QoS based scheduling in cloud computing	2009	2014
NeerajRathore	CSED	Dr. InderveerChanna	An Efficient Dynamic and Decentralised Load Balancing Technique for Grid	2010	2014
SumanBala	CSED	Dr. Anil Kumar Verma	An Efficient Key Management Scheme for Wireless Sensor Network	2010	2014
Sudhanshu Gupta	CSED	Prof Deepak Garg	Query estimation in data streams using micro-clustering	2008	2014
Rattan pal Singh	CSED	Prof Deepak Garg	Design and simulation of algorithm for the K-centre problem	2008	2014
ManojManuja	CSED	Prof Deepak Garg	Sematic web mining of unstructured data	2009	2014
Gurpreet Singh	CSED	Dr. Anil Kumar Verma & Dr. Neeraj Kumar	Design and Development of ACO Routing Protocol for Manets	2011	2014
Inderpreet Chopra	CSED	Dr. Maninder Singh	Autonomic model for self-healing and self-protection in grid computing using multi-agents	2007	2015
SanmeetKaur	CSED	Dr. Maninder Singh	A network security model for attack signature generation, tracking and analysis	2008	2015
Amit Kumar	CSED	Dr. Maninder Singh	Integrated network traffic visualization for threat detection, analysis and reporting	2008	2015
SeemaVerma	CSED	Prof Deepak Garg	Improvement in performance of RSA cryptosystem	2009	2015
AnjuBAla	CSED	Dr. InderveerChana	Autonomic Fault Tolerant Scheduling for Multiple WorkFlows in Clous Environment	2010	2015
KaramjitKaur	CSED	Dr. RinkleAggarwal	A Novel Framework for Querying Multiparadigm Database	2011	2015
Ravinder Kumar	CSED	Dr. R.K.Sharma & Dr. Anuj Sharma	Efficient preprocessing feature extraction and postprocessing algorithms for recognition of online handwritten gurmukhi script	2010	2015
Ravi Narayan	CSED	Dr. V.P. Singh & Dr. S. Chakraverty	Design of Machine Translator based on QNN	2009	2015
Mamta Mittal	CSED	Dr. R.K. Sharma & Dr. V. P. Singh	Efficient Detection and Interpretation of clusters in High Dimensional Databases	2009	2015
Dhavleesh Rattan	CSED	Dr. Maninder Singh & Dr. Rajesh Bhatia	Design and Development of an Efficient Software Clone Detection Technique	2009	2015
Gurpreet Singh Bhamra	CSED	Dr. Anil Kumar Verma & Dr. R.B. Patel	A Framework for Association Rule Mining of Distributed Data	2008	2015
RatinderKaur	CSED	Dr. Maninder Singh	Efficient zero day attack detection technique	2010	2016
Jyotsna Sharma	CSED	Dr. Maninder Singh	DPI based forensic analysis of network traffic using Grid infrastructure	2008	2016
AvleenKaurMalhi	CSED	Dr. ShaliniBatra	A Framework for Secure Vehicular Communication Systems	2012	2016
KaryakarteManderSubhash	CSED	Dr. Rajesh Khanna & Dr. Anil S. Tavildar	Energy Efficient Routing Strategy for Dynamic Wireless Sensor Networks	2010	2016

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Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Jahangir Alam	CSED	Dr. Rajesh Kumar	Efficient load balancing algorithms for parallel and distributed systems	2008	2016
Vishal Sharma	CSED	Dr. Rajesh Kumar	Network Framework for Multi UAV Guided Ground Ad hoc Networks	2012	2016
Seemu Sharma	CSED	Dr. SeemaBawa & Dr. HitashiLomash	Designing cultural archives and its effective dissemination using social computing	2010	2016
Vandana Jindal	CSED	Dr. SeemaBawa	A Framework for Efficient Query Processing in Wireless Sensor Networks	2009	2016
SudhirGoyal	CSED	Dr. SeemaBawa & Dr. Bhupinder Singh	Energy Efficient Resource Scheduling Algorithms for Cloud Computing	2011	2016
Vikasjindal	CSED	Dr. SeemaBawa & Dr. ShaliniBatra	Efficient Framework for Semantic Search on Web	2010	2016
Priyanka	CSED	Dr. InderveerChana & Dr. Ajay Rana	A Framework for Testing As a Service over Cloud	2011	2016
Rajeev Tiwari	CSED	Dr. Neeraj Kumar	Dynamic Cache Invalidation in Wireless Environments	2012	2016
AnjuBhandari	CSED	Dr. V. P. Singh	Design and Performance Evaluation of Intelligent LSPs in Multiprotocol Label Switching Networks	2010	2016
Rasmeet Singh Bali	CSED	Dr. Neeraj Kumar	Efficient Secure Data Clustering in Vehicular Ad Hoc Networks	2013	2016
Amit Dua	CSED	Dr. SeemaBawa & Dr. Neeraj Kumar	Efficient Data Dissemination in Vehicular Ad Hoc Network	2012	2016
Vinod Kumar	CSED	Dr. Neeraj Kumar	Design and Implementation of an Efficient Framework for Web Page Classification	2012	2016
GeetaKasana	CSED	Dr. S.S. Bhatia & Dr. Kulbir Singh	Design and Analysis of Wavelet Based Steganography Algorithms for JPEG2000 Images	2010	2016
Sukhpal Singh	CSED	Dr. InderveerChanna	QoS Aware Automatic Resource Provisioning and Scheduling for Cloud Computing	2012	2016
Kuldeep Sharma	CSED	Dr. Deepak Garg	Efficient Randomized Algorithm for Graph Theoretic Applications	2010	2016
Lohit Kapoor	CSED	Dr. SeemaBawa & Dr. Ankur Gupta	An Efficient and Secure InterCloud framework	2012	2016
Nidhi Jain	CSED	Dr. InderveerChana	Energy-aware Load Balancing Techniques for Cloud Computing	2011	2017
Thokchom Tangkeshwar Singh	CSED	Dr. SeemaBawa, Dr. RenuVig , Dr. P.K. Bansal	Off-line hand written character recognition of manipuri script	2012	2017
NidhiKalra	CSED	Dr. Ajay Kumar	On Variant of Regulated Grammar and Regulated Automaton	2014	2017
Karun Verma	CSED	Dr. R.K. Sharma	Efficient hidden markov models for online handwritten gurmukhi script recognition	2010	2017
AsmitaPandey	CSED	Dr. Amit Kumar & Dr.Ruppa.K.Thulasiram	Methods for Solving Multi-criteria Decision Making Problems with Imprecise Data	2014	2017
SunitaGarhwal	CSED	Dr. Ram Jiwari	Some improvements in the construction of fuzzy automata	2014	2017
Ashok Kumar	CSED	Dr. Rajesh Kumar & Dr. Anjusharma	Energy-efficient resource allocation in green clouds"	2012	2017
DivyaPandove	CSED	Dr.Shivanigoel & Dr. Rinkle rani	Big data clustering based recommendation system model through coorelations	2013	2017
Harisingh	CSED	Dr. Seemabawa	Efficient-grid gis framework for spatial data"	2011	2017

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Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
NeenuGarg	CSED	Dr. Seemabawa	A framework for data integrity checking in cloud computing	2012	2017
Vinayarora	CSED	Dr. Rajesh Bhatia & Dr. Maninder Singh	Slicing technique for test path generation in concurrent programs	2010	2017
Palika Chopra	CSED	Dr. Rajesh Kumar, Dr. P.S Grover	NEURO - COMPUTING TECHNIQUES FOR PREDICTION OF COMPRESSIVE STRENGTH OF CONCRETE	2011	2017
Megha	CSED	Dr. Shivani Goel & Dr. Ajay Kumar	A GENERIC FRAMEWORK FOR IMPROVING SOFTWARE PRODUCT LINE USING AN ONTOLOGICAL RULE BASED APPROACH	2013	2018
Sukchandhan Randhawa	CSED	Dr. Sushma Jain	AGGREGATION FOR MULTIPATH ROUTING IN WIRELESS SENSOR NETWORKS	2013	2018
Ranjeeta	CSED	Dr. Sanjay Sharma	An efficient algorithm for embedding digital watermark in curvelet domain	2010	2018
Mr. Jadhav Tushar Ramhari	ECED	Dr. Kulbir Singh & Dr. Aditya S Abhyankar	Design and Synthesis of Multiple View Volumetric 2D to 3D Reconstruction Technique and Its Application	2009	2018
Ms. Geetanjali	ECED	Dr. Rajesh Khanna	Implementation of Multi-Frequency Antenna with Broadband Designs for Wireless Applications	2011	2018
Mr. Ajeet Pratap Singh	ECED	Dr. Hardeep Singh & Dr. Rajesh Khanna	Design and Implementation of Ultra Wideband Antenna with Multiple Notched Bands	2009	2018
Ms. Sabhyata Uppal	ECED	Dr. Sanjay Sharma & Dr. Hardeep Singh	Design of Improved Coding Schemes with LoW Peak to Average Power Ratio for OFDM System	2009	2017
Mr. Balveer Painam	ECED	Dr. R. S. Kaler & Dr. Mukesh Kumar	Design and Performance Analysis of Photonic Crystal Waveguide for Bio-Chemical Sensing Applications	2013	2017
Mr. Ajay Sharma	ECED	Dr. R. S. Kaler	Performance Analysis of Atmospheric Turbulence Mitigation Techniques for Free Space Optical Communication	2008	2017
Mr. Garg Harish Kumar	ECED	Dr. Amit Kumar Kohli	Improved EEG Signal Analysis Techniques for Epileptic Spike Detection and Artifact Excision	2010	2017
Ms. Shivani Pasricha	ECED	Dr. Sanjay Sharma	Efficient Design of Iterative Decoding Algorithm and Architecture for Channel Coding	2008	2017
Mr. Ramnik Singh Randhawa	ECED	Dr. A. K. Verma	Design and Development of Optimized Cross Layer Framework for Wireless Sensor Networks	2009	2017
Ms. Sakshi Aneja	ECED	Dr. Sanjay Sharma	Design and Analysis of Multilevel Coding Scheme with Cooperative Diversity for Improved System Performance	2014	2017
Ms. Amanpreet Kaur	ECED	Dr. Ravinder Agarwal & Dr. Amod Kumar	Study and Analysis of SEMG Signal for Enhancement of Above Shoulder Myoelectric Arm Functionality	2009	2017
Mr. Supreet Singh	ECED	Dr. Surbhi Sharma	Performance Evaluation of Spectrum Sensing and RF Energy Harvesting for Congnitive Radios Based on SDR	2012	2017
Ruchi	ECED	Dr. Banani Basu	Synthesis and Optimization of Time Modulated Antenna Array	2011	2017
Ms. Harpreet Vohra	ECED	Dr. Indranil Sen Gupta & Dr. Amandeep Singh	Efficient Test Solutions for System on Chip	2009	2017
Mr. Pradeep Kumar Teotia	ECED	Dr. R. S. Kaler	Performance Analysis of Surface Plasmon Resonance Waveguide for Sensing Applications	2013	2017
Ms. Yugnanda	ECED	Dr. R. S. Kaler & Dr. Enakshi Sharma	Performance Enhancement of Long Haul Ultra Dense WDM Systems	2009	2016
Mr. Govind Singh Patel	ECED	Dr. Sanjay Sharma	Algorithm and Architecture Design of DDS Synthesizers for Improved Performance of PLL	2008	2016
Mr. Pawan Kumar Singh	ECED	Dr. Sanjay Sharma	Estimation of Noise in High Performance VLSI Circuits	2009	2016
Mr. Tarun Sharma	ECED	Dr. Mukesh Kumar	Design and Simulation of an Efficient Hybrid Plasmonic-Photonic Waveguide	2011	2016

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Ms. Teena Mittal	ECED	Dr. R. K. Sharma	Speaker Dependent Hindi Speech Recognition Using Optimized Classifiers	2009	2016
Ms. Sukhdeep Kaur	ECED	Dr. Rajesh Khanna	Compact UWB Antenna Design for Personal Area Network Wireless Applications	2008	2016
Ms. Amanpreet Kaur	ECED	Dr. Rajesh Khanna & Dr. M. V. Kartikeyan	Studies on Stacked Patch Antennas for WLAN Applications	2009	2016
Mr. Anil Singh	ECED	Dr. Alpana Agarwal	Studies on OPAMP-Less Pipelined Analog to Digital Converter for Deep Submicron Technologies	2011	2016
Mr. Deepak Batra	ECED	Dr. A. K. Kohli & Dr. Sanjay Sharma	Designing of Enhanced Gain Aperture Coupled Dielectric Resonator Antenna	2009	2016
Mr. Rajesh Kumar	ECED	Dr. Rajesh Khanna & Dr. G. L. Sharma	Gas Sensing Properties of Nanostructured Tin/Zinc Oxide Thin Films	2009	2016
Mr. Navneet Yadav	ECED	Dr. Kulbir Singh	Robust Image-Adaptive Watermarking Scheme with Strength Factor Analysis	2009	2015
Mr. Dharmvir Jain	ECED	Dr. Sanjay Sharma	Design and Analysis of Dynamically Grouped Multilevel Space-Time Trellis Code	2009	2015
Mr. Atul Bansal	ECED	Dr. R. K. Sharma & Dr. Ravinder Agarwal	Iris Recognition System for Some Clinical Applications	2009	2015
Ms. Amrita	ECED	Dr. Amit Kumar Kohli	Analysis and Design of Adaptive Volterra Filters for System Identification in Time-Varying Environment	2009	2015
Mr. Karmjit Singh Sandha	ECED	Dr. Balwinder Raj	Modeling and Analysis of Temperature Dependence of Multiwall Carbon Nanotubes for VLSI Interconnects	2009	2015
Mr. Praveen Kumar Khosla	ECED	Dr. Rajesh Khanna & Dr. Sanjay Sood	Design and Analysis of Velocimetry for Supersonic Sled System	2009	2015
Mr. Davinder Parkash	ECED	Dr. Rajesh Khanna	Multiband Antenna Structures for Heterogeneous Wireless Systems with Improved Performance	2008	2015
Mr. Ankush Kansal	ECED	Dr. Kulbir Singh & Dr. Rajiv Saxena	Throughput Analysis of OFDM Based Wireless System With FrFT	2008	2015
Ms. Sanmukh Kaur	ECED	Dr. R. S. Kaler & Dr. T. S. Kamal	Implementation of all Optical arithmetic and logic unit based on nonlinear properties of semiconductor optical amplifiers	2009	2015
Mr. Rakesh	ECED	Dr. R. S. Kaler & Dr. T. S. Kamal	Performance Analysis of Hybrid Passive Optical Networks	2009	2015
Mr. Paras Chawla	ECED	Dr. Rajesh Khanna	Performance Analysis of Frequency Reconfigurable Antenna Using RF MEMS	2008	2015
Ms. Kiran Ahuja	ECED	Dr. Rajesh Khanna & Dr. Brahmjit Singh	Wireless Network Selection Algorithm for Multimedia Services in Heterogeneous Environment	2008	2014
Mr. Himanshu Monga	ECED	Dr. R. S. Kaler	Performance Evaluation of Optical Code Division Multiple Access System	2007	2014
Ms. Nidhi	ECED	Dr. R. S. Kaler & Dr. Pawan Kapur	Performance Analysis and Design of Fiber Gratings for Sensing Applications	2009	2014
Mr. Simranjit Singh	ECED	Dr. R. S. Kaler	Performance Optimization of Hybrid Optical Amplifiers for Dense Wavelength Division Multiplexed System	2010	2014
Mr. Nitin	ECED	Dr. Rajesh Khanna	Design and Implementation of Multiband and Broadband Microstrip Antennas for Wireless Systems	2010	2014
Ms. Jaswinder Kaur Dhingra	ECED	Dr. Rajesh Khanna & Dr. M. V. Kartikeyan	Multi-Frequency Wideband Microstrip Patch Antenna For Wireless Applications	2009	2014
Mr. Sanjeev Roshan Lal Dewra	ECED	Dr. R. S. Kaler & Dr. Kuldeep Singh	Performance Analysis of DWDM Systems with Optical Add Drop Multiplexers and Optical Cross Connects	2009	2014
Mr. Navdeep Goel	ECED	Dr. Kulbir Singh	Studies on Convolution and Correlation Theorems for the Linear Canonical Transform and their applications in Signal Processing	2009	2014

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Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Mr. Rajiv Kumar	ECED	Dr. Rajesh Khanna	Quality of Service Based vertical Handoff in Heterogeneous Wireless Networks	2007	2014
Ms. Pooja	ECED	Dr. Rajesh Khanna & Dr. S. S. Bhatia	Design and Analysis of Variable Digital Filters using Fractional Fourier Transform	2008	2014
Mr. Simranjit Singh	ECED	Dr. Rajesh Khanna & Dr. Manjeet Singh Patterh	Analysis and Performance Evaluation of Reception Schemes for Correlated MIMO System	2009	2014
Mr. Rajeev Ratan	ECED	Dr. Sanjay Sharma & Dr. Amit Kumar Kohli	Design and Implementation of Efficient Structures for Digital Interpolators	2009	2014
Ms. Vishav Jyoti	ECED	Dr. R. S. Kaler	Security Enhancement in Optical Code Division Multiple Access Network	2009	2014
Mr. Sanjay Kumar	ECED	Dr. Kulbir Singh & Dr. Rajiv Saxena	Analysis and Design of Non Recursive Digital Differentiators in Fractional Domain for Signal Processing Applications	2009	2014
Mr. Mayank Kumar Rai	ECED	Dr. Rajesh Khanna & Late Dr. Sankar Sarkar	Cross Talk Analysis in Carbon Nanotube Based VLSI Interconnects	2009	2014
Ms. Neeru Jindal	ECED	Dr. Kulbir Singh	Performance of Fractional Transforms in Image and Video Processing	2007	2013
Mr. Jagjit Kumar Sharma	ECED	Dr. Rajesh Khanna & Dr. V. D. Mishra	Implementation and Performance Analysis of Various Techniques for snow cover Monitoring in Western Himalayas	2007	2013
Mr. Shyam Akashe	ECED	Dr. Sanjay Sharma	Low Power Memory Cell Design	2008	2013
Ms. Ruchi Pasricha	ECED	Dr. Sanjay Sharma	Digital Compensation for the Non-Linearity of RF Amplifiers in Wideband Wireless Applications	2008	2013
Dr. Inderjeet Singh Dhindsa	EIED	Prof. Sukhwinder Singh and Prof. Savita Gupta	Processing and Analysis of Ultrasound Images for Tissue characterization	2012	2014
Dr. Nitin Narang	EIED	Dr. J.S Dhillon and Dr. D.P Kothari	Multi-Objective Hydrothermal Generation Scheduling Based on Heuristics	2009	2015
Vinod Karar	EIED	Dr. Smarajit Ghosh	Tunneling Effect Mitigation Through Artificial Neural Network Based Head Up Display Switching System	2009	2015
Tapsi Nagpal	EIED	Dr. Y.S. Barar and Dr. B.N. Chudasama	Development of an intelligent novel algorithm for transformer fault detection using various emission signals	2010	2015
Vikram Chopra	EIED	Dr. Sunil K. Singla and Dr. Lillie Diwan	Conventional and intelligent control of nonlinear systems	2011	2015
Surender Singh	EIED	Dr. Ravinder Agarwal	High Speed PCB Designing For EMC In Bio-Medical Systems	2007	2016
Gagandeep Singh Gill	EIED	Dr. Ravinder Agarwal	Quality Assessment of Black Tea Based On Physical Parameters Using Machine Vision	2009	2016
Shiv Kumar Jaiswal	EIED	Dr. Ravinder Agarwal	A Novel Double Weighing Tank Approach For Precision Flow Measurement	2009	2016
Karamjit Kaur Sekhon	EIED	Dr. Hardeep Singh	An Algorithm Development and Its Validation For Physical Layer Impairment Aware Routing In WDM Network	2009	2016
Amanpreet Kaur	EIED	Ravinder Agarwal & Amod Kumar	Study and analysis of SEMG signal for enhancement of above shoulder myoelectric arm functionality	2011	2017
Atul Bansal	EIED	Ravinder Agarwal & R. K. Sharma	Iris Recognition System for some Clinical Applications	2009	2017
Surender Singh	EIED	Dr. Ravinder Agarwal & Dr. V.R. Singh	High Speed PCB design for EMC in biomedical systems	2007	2017
Gagandeep Singh Gill	EIED	Dr. Ravinder Agarwal and Dr. Amod Kumar	Quality assessment of black tea based on physical parameters using machine vision	2009	2017
Shiv Kumar Jaiswal	EIED	Dr. Ravinder Agarwal and Dr. Amod Kumar	A Novel Double Weighing Tank Approach for Precision Flow Measurement	2009	2017

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Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Shakti Singh	EIED	Mukesh Singh and S. C. Kaushik	Optimal Power Management of Hybrid Renewable Energy Systems	2010	2017
Mr. Dilip Nandkeolyar	LM TSM	Dr. K.K. De	A study on business planning and marketing straregy in the context of globalization for small and medium enterprises in the select automotive clusters of india	2007	2014
Ms. Mandeep Kaur Mahendroo	LM TSM	Dr. K.K. De	Impact of advertisment expenditure on firm's performance: A casse of FMCG industry in India	2010	2014
Mr Ritam Garg	LM TSM	Dr. K.K De	An Empirical Study on Export Orientation of Indian Small and Medium Enterprises	2009	2014
Ms Gagandeep Kaur	LM TSM	Dr. Neeraj Pandey, Dr. Shaliendra Kumar, Dr. Ravi Kiran	Employee Attrition in ITeS Call Centers in Selected Cluters of NorthIndia	2008	2014
Ms Bindu Bhardwaj	LM TSM	Dr. Amit Kumar	Some approaches for solving fuzzy data envelopment analysis models	2011	2015
Ms Manu Gupta	LM TSM	Dr. Mandeep Singh and Dr. Vinod Kumar	Spirituality ar workplace and its relationship with job staisfaction- A study on public and private insurance sector in Punjab	2010	2015
Ms Yashika Bansal	LM TSM	Dr. Piyush Verma and Dr. Shailendra Kumar	Commodity futures as an asset class: An empirical evidence Indian market	2010	2016
Mr Pradeep K Gupta	LM TSM	Dr. Piyush Verma and Dr. Shailendra Kumar	Value relevance of Degree of Laverages and its Impact on systematic risk: An empiricall study on Indian manufacturing firms	2010	2016
Mr Vishal Kamra	LM TSM	Dr. Harjot Singh, and Dr. K.K. De	Cunsumer choices and satisfaction in health care industry: A study based on multispecialty hospitals in North India	2010	2016
Mr Devesh Kumar	LM TSM	Dr. Piyush Verma, and Dr. Harsh Vardhan Samalia	An Integrated Conceptual Framwork of Cloud Computing Adoption in Small and Medium-sized Enterprises in India	2010	2017
Ms Sonika	LM TSM	Dr. Harjot Singh, and Dr. K.K. De	Effect of Marketing Mix Elements on Brand Awareness of Consumer Durables	2010	2017
Mr Anit Mahindroo	LM TSM	Dr. Piyush Verma, and Dr. Harsh Vardhan Samalia	An Integrated Information Systems Framework for Enhancing Leverse Logistics Performance in Supply Chains	2010	2018
Manjit Singh	Mechanical Engg. Department	Dr. J. S. Saini, Dr. H. Bhunia	Study of nanocomposite laminates and failure analysis of pin joints	2013	2018
Talwinder Singh Bedi	Mechanical Engg. Department	Dr. Anant Kumar Singh	Experimental Investigations of Magnetorheological Honing Process for Improved Finishing of Ferro-Magnetic Materials	2014	2017
Gautam Setia	Mechanical Engg. Department	Dr. S.S.Mallick	Improved scale-up procedure for solids friction and minimum transport boundary for fluidized dense-phase pneumatic conveying	2012	2016
Anu Mittal	Mechanical Engg. Department	Dr. S.S.Mallick	Pressure signal fluctuation in dense-phase pneumatic conveying of powders	2012	2016
Arvind Kumar Kaushal	Mechanical Engg. Department	Dr. M.K. Mittal	Experimental study of floating wick basin type VMED solar still with waste heat recovery	2012	2017
Gurprit Singh	Mechanical Engg. Department	Dr. Satish Kumar, Dr. S.K.Mohapatra	Investigation of rheological and leaching characteristics of ash at higher concentration	2014	2018
Satish Kumar	Mechanical Engg. Department	Prof S. K. Mohapatra (TIET), Prof B. K. Gandhi (IIT Roorkee)	Investigation on performance characteristics of a centrifugal slurry pump handling water and ash	2007	2014
Sitaram Prasad	Mechanical Engg. Department	Prof S K Mohapatra	Study of performance and emission of CI engine with Pongamia based biodiesel	2007	2016
Ashish Malik	Mechanical Engg. Department	Prof S. K. Mohapatra	Study of performance and emission of a dual fuel diesel engine run with diesel and biomass	2009	2017
Hemant Kumar	Mechanical Engg. Department	Prof S. K. Mohapatra (TIET), Dr R I Singh (BITS Pilani)	CFD analysis of an AFBC using biomass	2010	2017
Mr.Deepak Bhandari	Mechanical Engg. Department	Dr. Rajeev Mehta, Dr. Navneet Arora, and Dr. Rahul Chibber	Design of electrode coatings for bimetallic welds	2008	2017
Mr. Harmendar Kumar Agarwal	Mechanical Engg. Department	Dr. Rajeev Mehta, Dr. Navneet Arora, and Dr. Rahul Chibber	Designing a rig for investigating thermal fatigue of bimetallic welds	2008	2017

List of Ph.D.s awarded in last five years

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Mr. Ishbir Singh	Mechanical Engg. Department	Dr. S.P Nigam and Dr. V.H Saran	Development of biodynamic models for a seated human body subjected to harmonic vibrations	2009	2017
Mr. Pikesh Bansal	Mechanical Engg. Department	Dr. A.K. Chattopadhyaya and Dr. V.P. Agrawal	Static and dynamic analysis of hydrodynamic flexible oil bearings using micropolar lubrication	2010	2016
Mr. Susheel Kumar Mittal	Mechanical Engg. Department	Dr. Vinod Kumar and Dr. Harmesh Kansal	Investigation on machining characteristics of a metal-matrix composite using abrasive flow machining	2009	2016
Mr. Vikas Sharma	Mechanical Engg. Department	Dr. Vinod Kumar	Investigation of machining characteristics of lbmed al/al2o3, al/sic and al/zro2 mmcs	2011	2017
Mr. Mohit Garg	Mechanical Engg. Department	Dr. Rajeev Mehta and Dr. Shruti Sharma	Performance evaluation of carbon nanotubes modified fibre reinforced polymer composites	2012	2016
Mr. Parmod Kumar Purandare	Mechanical Engg. Department	Dr. R.K. Gupta and Dr. Mandar M Lele	Investigation of heat transfer enhancement in conical coiled heat exchangers	2010	2015
Mr. Sanjeev Kumar	Mechanical Engg. Department	Dr. T.P. Singh, Dr. Ajay Batish, and Dr. Rupinder Singh	Investigations on machining characteristics of cryotreated titanium alloys and electrodes using edm	2008	2016
Mr. Deepak Jain	Mechanical Engg. Department	Dr. Abhijit Mukherjee and Dr. Naveen Kwatra	Study of environment effects on FRP	2008	2014
Mr. Ravinder Kumar Duvedi	Mechanical Engg. Department	Dr. Sanjeev Bedi and Dr. Ajay Batish	Tool positioning algorithms for improved machining of triangulated surfaces	2009	2016
Mr. Anish Kumar	Mechanical Engg. Department	Dr. Vinod Singla and Dr. Jatinder Kumar	PARAMETRIC STUDY AND OPTIMIZATION OF WEDM PROCESS PARAMETERS OF PUR TITANIUM	2010	2014
Mr. Sandeep Sharma	Mechanical Engg. Department	Dr. Abhijit Mukherjee	ULTRASONIC WAVE PROPAGATION IN SUBMERGED PLATE STRUCTURES	2007	2014
Mr. Ravindra Partap Singh	Mechanical Engg. Department	Dr. Ajay Batish and Dr. T.P. Singh	ERGONOMICS INVESTIGATIONS OF ASYMMETRICAL MANUAL LIFTING TASKS ON INDIAN MALE WORKERS	2007	2014
Mr. Sarabjeet Singh	Mechanical Engg. Department	Dr Ajay Batish and Dr Sanjeev Kumar	Study of Surface properties and residual stresses of Aluminum matrix composites after electric discharge machining	2009	2013
Mr. S.S. Bhullar	Mechanical Engg. Department	Dr. Vinay Kumar Nangia and Dr. Ajay Batish	A knowledge economy model for Government-Academia-Industry collaboration in automotive industry in India	2010	2017
Daljeet Singh	Mechanical Engg. Department	Dr. Maneek Kumar, Dr. S.P. Nigam And Dr. V.P. Agrawal	Noise Investigation and modeling of urban tarffic under dynamic Conditions	2011	2017
Devinder Kumar	Mechanical Engg. Department	Dr. Kulvir Singh	Studies on Structural and mechanical properties of carbon nanotube dispersed tungstan carbide-cobalt nano/micro composites	2011	2017
Gaurav Dhuria	Mechanical Engg. Department	Dr Ajay Batish and Dr Rupinder Singh	Investigating the Effect Cryo Treated Tool And Work Material In Ultrasonic Machining of Titanium Alloy	2009	2018
Kishore Khanna	Mechanical Engg. Department	Dr. Vinay Kumar Gupta And Dr. S.P. Nigam	Analysis of creep in a variable thickness rotating disc made of functionally graded composite	2010	2017
Charnjit Singh	Mechanical Engg. Department	Dr. Vinod Kumar and Dr. Alakesh Manna	Experimental Investigation on Micro Electrochemical Drilling of Hybrid Al/(Al2O3p-SiCp-Cp)-MMC	2010	2018
Sanjeev Gupta	SCBC	Dr. Satnam Singh	Ozonation of activated sludge of pulp and paper industry for reduction in quantity	2006	2012
Satnam Singh	SCBC	Dr. Ranjana Prakash	Fungus Mediated Transesterification of Triglycerides	2008	2012
Joginder Singh	SCBC	Dr. Amjad Ali	Agricultural Wastes as Adsorbents for the Removal of Toxic Metal Ions from Industrial Effluents	2009	2013
Amit Jain	SCBC	Dr. Susheel Mittal	Modeling and Simulation of Insulation for Solar PV and Thermal based Power Plants in India	2008	2013
Jasminder Singh	SCBC	Dr. Susheel Mittal	Microbial Biosensors for Some Heavy Metal Ions	2008	2014
Vishal	SCBC	Dr. Amjad Ali	Development of heterogeneous catalysts for formation of Biodiesel	2007	2014

List of Ph.D.s awarded in last five years

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Komal Matharu	SCBC	Dr. Susheel Mittal	Determination of lanthanides by conductometry using some sequestering agents	2009	2014
Pawan Kumar	SCBC	Dr. Susheel Mittal	Chemical sensors based on pyridyl ionophores for selective determination of some transition metal ions	2007	2014
Sujata	SCBC	Dr. Susheel Mittal	Synthesis and characterisation of PANI/PEANI conducting polymers-Au/Ag nanoparticle composites	2008	2014
Madhu Katiyar	SCBC	Dr. Amjad Ali	Lipase catalyzed transesterification reactions of triglycerides	2007	2014
Rishu Jain	SCBC	Dr. Rajesh Kumar	Kinetic and thermodynamic studies on the effect of chaotropic and kosmotropic consolventson proteins.	2010	2014
Pankil Singla	SCBC	Dr.Rajiv Mehta & Dr.S.N Upadhyay.	Microwave assisted polymerization of lactide and in – situ prepration of poly (lactic acid) clay nanocomposites.	2009	2014
Mandeep Kaur	SCBC	Dr. Amjad Ali	Preparation and characterization of mixed metal oxides for transesterification of triglycerides	2009	2014
Navjot Kaur	SCBC	Dr. Amjad Ali	Calcium and Zirconium oxide Based Solid Catalysts for the Transesterification of Low Quality Triglycerides	2010	2015
Ahmad Firoz	SCBC	Dr. Amjad Ali	Computational Analysis of Glycogenes from Mouse RNA - SEQ Data	2010	2016
Shilpa Narang	SCBC	Dr. Rajeev Mehta & Dr. S.N. Upadhyay	Copolymerization of Propylene Oxide and Carbon Dioxide	2010	2016
Ruchika Thakur	SCBC	Dr. Sanghamitra Barman & Dr. R.K. Gupta	Studies on Transalkylation over Modified Zeolite Catalysts	2010	2016
Sandeep	SCBC	Dr. Rajesh	Modulating Protein stability and dynamics by osmolytes and electrolytes	2012	2016
Akul Sen Gupta	SCBC	Dr. Vijay Luxami	Synthesis and studies of molecules exhibiting ESIPT and AIE as sensors and logic devices	2013	2017
Richa Rani	SCBC	Dr. Vijay Luxami	Fluorescent dyads as sensors for certain cations and anions	2012	2017
Meenakshi Verma	SCBC	Dr. Kamaldeep Paul	Synthesis and in vitro evaluation of heterocyclic core moieties as anticancer agents	2011	2015
Richa Goel	SCBC	Dr. Kamaldeep Paul	Synthesis and in vitro evaluation and structure activity relationship of some heterocyclic imidazoazine derivatives	2012	2016
Alka Sharma	SCBC	Dr. Kamaldeep Paul	Design, synthesis of benzimidazole core moieties and structure activity relationship studies based on in vitro evaluation as anticancer drug	2011	2015
Rayees Ahmad Rather	SCBC	Prof. Bonamali Pal and Prof. Satnam Singh	Plasmonic metal-TiO2 nanocatalysts for water splitting under visible light irradiation	2013	2017
Harpreet Kaur	SCBC	Dr. Manmohan Chhibber	Receptors Based on Diphenylether and its Aza analogues for Ion Recognition using Potentiometry	2009	2017
Shweta Sareen	SCBC	Prof. Bonamali Pal and Prof. Satnam Singh	Synthesis and Catalytic Applications of Transition Metal Incorporated Mesoporous Materials	2010	2017
Prinka	SCBC	Dr. Kamaldeep Paul	Synthesis and in vitro evaluation of fused heterocycles and triazine analogues	2012	2017
Rashmi	SCBC	Dr. Manmohan Chhibber	Design and Development of Arylether based Receptors for Electroanalytical Applications	2013	2016
Anila	SCBC	Prof. Bonamali Pal	Synthesis and Catalytic Properties of Binary/Core-Shell Coinage Metal(s) Nanostructures	2011	2016
Ramandeep Kaur	SCBC	Dr. Manmohan Chhibber	Synthesis and Antibacterial Activity of Diphenylether /Amines	2009	2016
Bhupender Pal	SCBC	Prof. Bonamali Pal	Metal Oxide Based Nanofluids: Effect of Shapes, Silica Coating and Laser Irradiation on Thermal Conductivity	2011	2016

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Jaspreet Kaur	SCBC	Prof. Bonamali Pal	Photocatalytic Reduction of Nitroaromatics by Bare/Metal-TiO2 Nanostructures	2011	2015
Rohit Singh	SCBC	Prof. Bonamali Pal	Synthesis of Au/Ag-CdS nanostructures– Effect of size and shape on photocatalytic activity	2010	2014
Inderpreet Singh Grover	SCBC	Prof. Bonamali Pal and Prof. Satnam Singh	Photocatalytic Degradation of Some Pesticides and Polycyclic Aromatic Hydrocarbons by Metal Doped Titania Nanoparticles	2009	2014
Rupinder Kaur	SCBC	Prof. Bonamali Pal	Optical and Catalytic properties of synthesized coinage metals nanoparticles as Co-catalysts for TiO2 photocatalysis	2009	2014
Vishal	SCBC	Prof. Satnam Singh	Development of heterogenous catalysts for formation of Biodiesel	2008	2014
Nidhi Gupta	SCBC	Prof. Bonamali Pal	Silica Coated Metal-CdS Hybrid Nanocomposites for Photocatalytic Reactions	2009	2013
Yuvraj	SCBC	Dr. S.K.Pandey	Asymmetric total synthesis of biologically active natural products employing chiral catalysts	2013	2017
Suraksha Gahalwat	SCBC	Dr. S.K.Pandey	Total synthesis of biologically active natural products involving asymmetric induction using transition metal chiral complexes	2013	2017
Rajesh Kumar	SCBC	Dr. Rajesh Kumar	Kinetic and Thermodynamic	2011	2017
Harpreet kaur	SCBC	Dr. Susheel Mittal & Dr. M. Chhibber	Receptors Based on Diphenylether and its Aza Analogues for ion recognition using potentiometry	2009	2017
Manisha Sharma	SCBC	Dr. Soumen Basu	Synthesis of Metal – Oxide Monoliths & Metallic Nanoparticles: Applications in Sustainable Development	2014	2017
Navneet Kaur Chahal	SEE	Anita Rajor	Influence of bactera on the permeatin characteristics of concrete made with supplementaiton cementing materials	2009	2013
Monika Shreon	SEE	Anita Rajor	Leaching and ecotoxicity studies of metal ions in sewage and fly ash mixer	2009	2013
Gurdeep Kaur	SEE	Anita Rajor	Utilization of fungal treated foundry sand concrete	2009	2013
Rajinder Singh	SEE	Anita Rajor	Studies on decolourization of synthetic dyes using spent mushroom substrate	2010	2014
Kunal	SEE	Anita Rajor	Microbial treatment of cement kiln dust for utiliization in concrete	2010	2014
Teena Sharma	SEE	Anita Rajor	Sequential microbial photocatalytic process for degradation of neonicotinoid pesticide	2011	2015
Vibhu Bhatia	SEE	Amit Dhir	Integration of photocatalytic and biological processes for treatment of biorecalcitrant pharmaceuticals	2012	2016
Poonam Bhatia	SEE	N.Tejo Prakash	Studies on biofortification of selenium in edible mushrooms	2010	2014
Anoop Kumar	SEE	N.Tejo Prakash	Degradation of pesticides in groundwater using advanced oxidation processes	2010	2014
Avdesh Gangwar	SEE	N.Tejo Prakash	Development of xyalanases based pulp bleaching process	2012	2016
Sumit K Jaiswal	SEE	N.Tejo Prakash	Bioaccessibility of selenium in wheat, rice and mustard grown in seleniferous soils and its bioactivity	2012	2016
Noorpreet I. Dhanjal	SEE	N.Tejo Prakash	Anti-inflammatory responses of bioavailable selenium from selenium rich cereal grains	2012	2017
Mr. Manjit Verma	SOM	Dr. Amit Kumar, Dr. Yaduvir Singh	Reliability Analysis of Power Systems Using Fuzzy Sets and their Extensions	2009	2013
Ms. Shakuntla	SOM	Dr. S.S. Bhatia, Dr. Sanjay Kumar	Reliability Modeling and Analysis of Some Process Industrial Systems	2008	2013

List of Ph.D.s awarded in last five years

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Ms. Sneh Lata	SOM	DR. Amit Kumar	Reliability analysis of some industrial systems in crisp and fuzzy environments	2009	2013
Mr. Khushwant Singh Goldy	SOM	Dr. M.A. Khan, & Dr. S.S. Bhatia	Some geometric aspects on submanifolds theory	2007	2013
Mr. Hemant Kalra	SOM	Dr. Deepak Gumber	Automorphisms groups of finite p-groups	2009	2013
Ms. Anupma	SOM	Dr. R.K. Gupta	Lie group application to some nonlinear systems	2008	2013
Ms. Lakhveer Kaur	SOM	Dr. R.K. Gupta	Group theoretic techniques for solutions of Einstein equations	2009	2013
Mr. Vinod Kumar	SOM	Dr. A.K. Lal & Dr. A.K. Bawa	Fitted mesh methods for the numerical solution of singularly perturbed problems	2008	2013
Mr. Singara Singh	SOM	Dr. R.K. Sharma & Dr. M.K. Sharma	Development of efficient algorithms for JPEG2000 image coder	2006	2013
Mr. Vikas Kumar	SOM	Dr. R. K. Gupta & Dr. amjiwari	Exact and numerical solutions of some nonlinear partial differential equations	2010	2014
Ms. Manwinder Kaur	SOM	Dr. A.K. Lal, Dr. S.S. Bhatia & Dr. A.S. Reddy	Reliability, Availability and Maintainability (RAM) analysis of an industrial process	2007	2014
Ms. Navjot Kaur	SOM	Dr. Mini Ghosh & Dr. S.S. Bhatia	Deterministic mathematical modelling of tuberculosis and HIV diseases	2008	2014
Mr. Munish Kumar	SOM	Dr. R.K. Sharma & Dr. Manish Kumar	Online handwritten Gurmukhi script recognition	2008	2014
Ms. Priya Shahi	SOM	Dr. S.S. Bhatia & Dr. Jatinderdeep Kaur	Existence of fixed points for some mappings in various spaces	2009	2014
Mr. Saurabh Manrao	SOM	Dr. S.S. Bhatia and Dr. Sanjay Kumar	Fixed point theorems for mappings in some abstract spaces	2007	2014
Mr. Vijay Kumar	SOM	Dr. Rajesh Kumar & Dr. Arun Sharma	Design and analysis of some software metrics using soft computing approaches	2009	2014
Mr. Surinderpal S. Dhanjal	SOM	Dr. S.S. Bhatia	Speech analysis and synthesis of the Punjabi language	2005	2014
Mr. Manoj Kumar	SOM	Dr. Rajesh Kumar	Multi-objective optimization of software test cases using evolutionary and soft computing techniques	2009	2014
Ms. Anjali Verma	SOM	Dr. Ramjiwari & Dr. Satish Kumar	Solutions of some nonlinear partial differential equations	2011	2015
Ms. Rachna Aggarwal	SOM	Dr. M.K.Sharma, Dr. R.K. Sharma & Dr. Maneek Kumar	Reliability based single and muti-objective optimization of concrete mix	2009	2015
Mr. Mahak Sharma	SOM	Dr. Deepak Gumber	Central and class preserving automorphisms of finite p-groups	2007	2015
Mr. Rajeev Kumar	SOM	Dr. R. K. Gupta & Dr. S.S. Bhatia	Group theoretic techniques and their applications to some nonlinear systems	2008	2015
Ms. Jasdeep Kaur	SOM	Dr. Meenakshi Rana	Rogers - Ramanujan type identities and combinatorics	2012	2016
Ms. Tanupreet Kaur	SOM	Dr. Satish Kumar	Study on some elastodynamic problems in materials with microstructure and with reinforced fibres	2012	2016
Ms. Rashmi	SOM	Dr. S. S. Bhatia & Dr. Rakesh Kumar	The Geometry of Slant Lightlike Submanifolds	2009	2016
Mr. Sandeep Singh	SOM	Dr. Deepak Gumber	On Automorphism groups of finitely generated groups	2011	2016
Ms. Sukhpreet Kaur Sidhu	SOM	Dr. Amit Kumar	Efficient Methods for Solving some Mathematical Programming Problems with Fuzzy Parameters	2013	2016

List of Ph.D.s awarded in last five years

Name of the PhD scholar	Name of the Department	Name of the guide/s	Title of the thesis	Year of registration of the scholar	Year of award of PhD
Ms. Tina Verma	SOM	Dr. Amit Kumar & Dr. S.S. Appaddoo	Efficient Methods for Solving some Mathematical Programming Problems with Fuzzy Parameters	2013	2016
Ms Neetu	SOM	Dr. Amit Kumar	Efficient methods for solving fuzzy linear systems	2009	2016
Mr. Vikas Sharma	SOM	Dr. Satish Kumar	Some dynamical problems in elastic continua with microstructures	2012	2016
Mr. Gaurav Gupta	SOM	Dr M.K. Sharma & Dr. Amit Kumar	Transportation problems in intuitionistic fuzzy environment	2011	2017
Mr. Pankaj Kumar	SOM	Dr S S Bhatia & Dr Vijay Kumar	On generalized convergence and related concept for sequences of Fuzzy numbers	2009	2017
Ms. Poonam Panwar	SOM	Dr A K Lal & Dr C Mohan	Optimal software reliability and optimal multiprocessor scheduling problems	2010	
Ms. Komal Singla	SOM	Dr. Rajesh Kumar Gupta	Symmetry Analysis of Nonlinear Fractional Partial Differential Equations.	2013	2017
Mr. Sudhir Kumar	SOM	Dr. S.S. Bhatia & Dr. V.K. Kaushik	On Generalized convergence in sequences Spaces.	2010	2018
Ms. Jeevanjot Kaur	SOM	Dr. Amit Kumar	Efficient Methods to Find Maximal and Minimal Fuzzy Solution of System of Fuzzy Linear Equations and Its Vibrants	2013	2018