

**School of Engineering**  
**Computer Science & Engineering**

<b>S.No.</b>	<b>Name of the PhD scholar</b>	<b>Name of the Department</b>	<b>Name of the guide/s</b>	<b>Title of the thesis</b>	<b>Year of registration of the scholar</b>	<b>Year of PhD awarded</b>	<b>Whether recognised as a Research Guide for Ph.D./D.M/M.Ch./D.N.B Super speciality/D.Sc./D' Lit (YES/NO)</b>	<b>Year of Recognition as a Research Guide</b>
1	Monika Verma	CSE	Dr. Vandana Dixit Kaushik	Efficient De-blurring and De-fogging algorithms for static/moving 2D Images	2013	2017	Yes	2013
2	Vikas Yadav	CSE	Dr. Vandana Dixit Kaushik	Efficient algorithms to analyze Big Data for 2D/3D Medical Images	2013	2017	Yes	2013
3	Sushil Kumar	CSE	Dr. Bipin Kumar Tripathi	On the quaternionic domain neuron models with fast learning algorithm	2014	2017	Yes	2014
4	Prashant Kumar Mishra	CSE	Prof. Raghuraj Singh	Issues of Reliability in Mobile Agent based Systems	2013	2018	Yes	2013
5	Rekhnath Singh	CSE	Prof. Raghuraj Singh	Semantic Integration of Distributed Databases	2013	2020	Yes	2013
6	Mr. Mayur Rahul	CSE	Prof. Narendra Kohli	Facial expression recognizaiton using hidden markup language	2013	2021	Yes	2013
7	Mr. Anand Handa	CSE	Prof. Narendra Kohli	Multi model recognition system using different biometric features	2015	2021	Yes	2015

8	Ms. Pragati Upadhayaya	CSE	Prof. Narendra Kohli	Enhancing the Frequency of Temporal Patterns through Special Constraints	2015	2022	Yes	2015
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### Electrical Engineering

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1	Neha Gupta	EE	Dr. Yaduvir Singh	An Efficient Maximum Power Point Tracking algorithm and Control for Variable Speed WECS	2014	2020	Yes	2004

### Electronics Engineering

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1	Ms. Prachi Shukla	Electronics Engineering	Dr. Manoj K. Shukla	Underwater Wireless Communication using IDMA Schme	2013	2020	Yes	2011
3	Ms. Shivani Dixit	Electronics Engineering	Dr. Manoj K. Shukla	"Performance Evaluation of SC-FDMA-IDMA Scheme in Acoustic Environment "	2014	2021	Yes	2011
4	Ms. Prerna	Electronics Engineering	Dr. Rachana Asthana	Study and development of fault restoration techniques in WDM network.	2014	2021	Yes	2008
5	Mr. Deo Chandra Jaiswal	Electronics Engineering	Dr. Rachana Asthana	Protection and restortaion in optical networks using p cycles	2014	2021	Yes	2008
6	Ms. Vidhi Gupta	Electronics Engineering	Dr. Rachana Asthana	Efficient p-cycle protection in Elastic Optical Networks	2017	2022 (submitted)	Yes	2008
7	Ms. Rashmi Pandey	Electronics Engineering	Dr. A. K. Shankhwar	Design and analysis of Rectenna for RF energy harvesting	2017	2021 (submitted)	Yes	2014
8	Ms. Hema Tekwani	Electronics Engineering	Dr. Krishna Raj	Development of Advance unified content type adoptive system for the quality/parameter computation of compressed images.	2018	2022 (submitted)	Yes	2002

**Mechanical Engineering**

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1	Anoop Kumar Shukla	Mechanical Engg. Dept.	Dr. Onkar Singh	Thermodynamic analysis of gas/steam combined cycle with different means of inlet air cooling	2013	2017	Yes	2000
2	Mukesh Kumar	Mechanical Engg. Dept.	Dr. Onkar Singh	Investigations on CI engine performance, emission and its limitation using biodiesels from jatropha, mahua and neem oils in Indian conditions		2018	Yes	2000
3	Mayank Maheshwari	Mechanical Engg. Dept.	Dr. Onkar Singh	Thermodynamic analysis of combined power cycle with ammonia water mixture for power generation	2015	2019	Yes	2000
4	Kishan Pal Singh	Mechanical Engg. Dept.	Dr. Onkar Singh	Thermodynamic analysis on solar diffusion absorption system	2013	2019	Yes	2000
5	Mohit	Mechanical Engg. Dept.	Dr. Anand Kumar	Polymer Composite Based Microwave absorber	2014	2020	Yes	2011

**School of Chemical Technology  
Chemical Engineering**

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1	Rajesh Kumar	Chemical	Prof Ram Prasad	Studies on the improvement of cold flow properties of biodiesel		2018	Yes	2017
2	Gazi Mohammad Sawood	Chemical	Dr SK Gupta	Removal of Arsenate from water using metal oxide/hydroxide modified activated carbon	2015	2022	Yes	2017
3	Tulika Gaur	Chemical	Dr A Sood	Modeling of particle size distribution in Butyl Acrylate Emulsion Polymerization	2014	2021	Yes	2017

#### Food Technology

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1	Ms. Somuya Rathod	Food Technology	Prof. Karunakar Singh	Studies on production, characterization and utilization of Pearl Millet flour	2013	2019	Yes	2014
2	Mr. Mahendra Kumar	Food Technology	Prof. Alak Kumar Singh	Toxic heavy metal removal from waste water through biosorption process water through biosorption process	2014	2019	Yes	2015
3	Mr. Ravi Kumar	Food Technology	Prof. Alak Kumar Singh	Production of clarified juices from some Indian tropical fruits by application of enzymes	2014	2019	Yes	2015

#### Plastic Technology

S.No.	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 PhD awarded	Whether recognised as a Research Guide for Ph.D./D.M/M.Ch./D.N.B Super speciality/D.Sc./D' Lit (YES/NO)	Year of Recognition as a Research Guide
1	Mr. Shrawan Kumar Shukla	Plastic Technology	Prof. Deepak Srivastava / Dr. Arun Maithani	Studies on cardanol based resin systems for application in protective coating	2011	2018-19	Yes	2002

2	Miss Shipra Agnihotri	Plastic Technology	Prof. Reena Singhal	Synthesis and Characterization of Multicomponent superabsorbent Hydrogels based on Sodium salts of Alginic Acid, Humic Acid and Acrylic acid	2013	2021-22	Yes	1999
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### Paint Technology

S.No.	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 PhD awarded	Whether recognised as a Research Guide for Ph.D./D.M/M.Ch./D.N.B Super speciality/D.Sc./D' Lit (YES/NO)	Year of Recognition as a Research Guide
1	Mr. Abhishek Kumar Srivastava	Paint Technology	Dr. Arun Maithani & Dr. Pramod Kumar	Synthesis and characterization of ecofriendly coatings based on PU acrylate resins and their blends epoxy acrylate resin	2013	2017	Yes	2009 and 1998
2	Mr. Shrawan Kumar Shukla	Paint Technology	Dr. Arun Maithani	Studies on Cardenol based resin system for the application in protective coatings	2014	2018	Yes	2009
3	Mr. Shiv Charan Prajapati	Paint Technology	Dr. PK Kamani	Preparation & Characterization of Acrylic Based Anticorrosive Eco-friendly Coating	2013	2021	Yes	1997

### School of Basic & Applied Sciences

### Chemistry

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1	Ms. Shefali Jaiswal	Department of Chemistry	Dr. Santosh Kumar/ Dr. P. K. Dutta	Nucleophilic Addition Mediated Chitosan Nanoplatfoms for Gene Transfection and Drug Delivery	2017	2021	Yes	2017

### Mathematics

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1	Swati Srivastava	Mathematics	Prof. Ram Autar	Mathematical modelling of intraocular flow phenomena	2009	2017	YES	2009

2	Nivedita Gupta	Mathematics	Prof. Rekha Bali	Study of non-Newtonian fluids and transport of nano-particles in normal and stenotic blood vessels	2014	2018	YES	2014
3	Geeta	Mathematics	Prof. S.U. Siddiqui	Mathematical Modeling of transport phenomena in circulatory system	2010	2018	YES	2010
4	Anuradha Singh	Mathematics	Prof. S. U. Siddiqui	Mathematical Modeling in biomechanical aspect of circulatory system	2013	2019	YES	2013

#### Physics

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1	Dr.Suresh Kumar Sharma	Physics	Prof.R.K.Shukla	Photoconductivity and ac Conductivity in Ag Doped Chalcogenide Glasses	2013	2017	Yes	2001
2	Dr.Karishma Singh	Physics	Dr. S.K.Sharma	Iso-Conversional Kinetics Study of Non-Isothermal Crystallization in Glassy Semiconductors	2014	2017	Yes	2008

3	Dr.Savita Singh	Physics	Dr. S.K.Sharma	Fabrication, Characterization and Morphology of Natural Particle Reinforced Epoxy Polymer	2015	2021	Yes	2008
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**School of Humanities and Social Sciences**

**Humanities and Social Sciences**

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1	Dr. Harshmit Kaur Saluja	Humanities	Dr. Vinod Kumar Yadav	“Impact of Interactive Advertisement on consumers in India: An empirical study of Kanpur city”	2017	2022	Yes	2011