

Ph.D PROGRAM

SNO.	STUDENTS NAME	SUPERVISOR / JOINT SUPERVISOR	DISCIPLINE	THESIS TITLE
1	PRASHANT SHUKLA	Dr. Sudhakar Pandey	INFORMATION TECHNOLOGY	Design and Development of Intelligent Models for Management of Fog based IoT
2	KOMAL CHANDRAKAR	Dr. Santhosh Penta	APPLIED CHEMISTRY	Design and synthesis of novel benzimidazole based 1,2,4 - triazoles, quinolone based 1,2,3-triazoles and poly-substituted pyrrole derivatives and their biological evaluation
3	BHANUPRIYA MISHRA	Dr. Neelam Shobha Nirala	BIO MEDICAL ENGINEERING	Assessment of vascular damages of type-2 diabetes mellitus using Photoplethysmogram.
4	JEEVAN LAL PATEL	Dr. Santhosh Penta	APPLIED CHEMISTRY	Design and synthesis of pyrrolyl-pyrimidines tethered 1,3,4-oxadiazoles, quinazolinone-tethered 1,2,3-triazoles and coumarinyl based imidazoles as potential antimicrobial targets
5	DIVYA SINGH	Dr. B.K.Singh	BIO MEDICAL ENGINEERING	Computerized Diagnosis of Asthma and Chronic Obstructive Pulmonary Disease using Machine Learning Techniques
6	ANIL KUMAR MANDLE	Dr. Govind P. Gupta / Dr. Satya Prakash	INFORMATION TECHNOLOGY	Computer-Aided Diagnosis for Brain Tumor using Machine and Deep Learning Techniques
7	RENU PREMJNI	Dr. L. K. Yadu	CIVIL ENGINEERING	Study of vertical, lateral and combined loads on vertical pile, batter pile and pile group in cohesionless soil

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8	ADITYA NARAYAN TIWARI	Dr. Mrs. Kavita Tapadia / Dr. Chandrakant Thakur	APPLIED CHEMISTRY	Green Fabricated Bare and MgO Modified Magnetic Nanoparticles for the Removal of Dyes and Uranium (VI) ion Isotherm Kinetic and Thermodynamic study
9	SNEHA TOMAR	Dr. V.K. SINGH	CHEMICAL ENGINEERING	Synthesis and Characterization of Metal Organic Framework for Supercapacitor Applications
10	SAURABH BHATTACHARYA	Dr. Manju Pandey	COMPUTER APPLICATION	IoT Driven Semantic framework and Decision support system for precision farming
11	ABHISHEK MALVIYA	Dr. Sudhakar Pandey	INFORMATION TECHNOLOGY	An Optimized Model for 5G Heterogeneous Cloud Radio Access Networks (H-CRAN)
12	SWATI CHANDRAWANSHI	Dr. J. Anand Kumar	CHEMICAL ENGINEERING	Production and Optimization of High-Value Bioproducts from Lignin using Microbial Depolymerization.
13	RUPESH KUMAR VERMA	Dr. Manoj Chopkar	METALLURGICAL ENGINEERING	Development and Characterization of Functionally Graded Aluminum Matrix Composite by Indigenously Designed Horizontal Centrifugal Casting
14	DEEPAK SURESH ASUDANI	Dr. N.K. Nagwani / Dr.Pradeep Singh	COMPUTER SCIENCE & ENGINEERING	Exploring Deep Learning Architectures for Improving Knowledge Discovery in Visual Question Answering Systems
15	YUGAL KISHOR	Dr. Ramnarayan Patel / Dr. Lalit kumar Sahu	ELECTRICAL ENGINEERING	Modeling and Implementation of High-

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16	Ms. BAITULE PAYAL KAMALAKAR	Dr. R. Manivannan	CHEMICAL ENGINEERING	Study of green corrosion inhibitor for mild steel in alkaline medium containing chloride ions
17	Mr. ARKAPRAVA BHADURI MANDAL	Dr. Tanmoy Kanti Das	COMPUTER APPLICATION	Design of Anti-Forensics Schemes to Evaluate the Security and Robustness of Image Forensics Schemes
18	BHUPESH KUMAR CHANDRAKAR	Dr. N K Jain	MECHANICAL ENGINEERING	Analytical modelling for vibration analysis of cracked tapered plates subjected to different surrounding mediums.
19	ANAND KUMAR SINGH PARIHAR	Dr. Moksha Singh	HUMANITIES AND SOCIAL SCIENCES	Under-utilization of maternal and child health care services: a study of Tharu Tribe in Balrampur district of Uttar Pradesh
20	AMIT KUMAR SHUKLA	Dr. Ishtiyaq Ahmad/ Dr.Sanjay Kumar Jain/ Dr. Mani kant Verma	WATER RESOURCE DEVELOPMENT & IRRIGATION ENGINEERING	CRYOSPHERE STUDIES AND IMPACT OF CLIMATE CHANGE IN TEESTA RIVER BASIN
21	SHUBHAM YADAV	Dr. Suman Kumar Saha	ELECTRONICS & COMMUNICATION ENGINEERING	OPTIMAL DESIGN OF ADAPTIVE NOISE CANCELLERS USING META-HEURISTIC APPROACH FOR BIO-MEDICAL SIGNALS
22	DEVENDRA KUMAR GOLHANI	Dr. Ayush Khare	PHYSICS	An Investigation on Optical and Magnetic Properties of Biosynthesized GeO ₂ Nanoparticles
23	AKHILESH KUMAR TIWARI	Dr. Lalit kumar Sahu	ELECTRICAL ENGINEERING	Investigation and Development of Multiport Electric Vehicle Charging System
24	VISHAL KUMAR	Dr. A. V. Ahirwar	CIVIL ENGINEERING	NOISE MAPPING HOTSPOT IDENTIFICATION AND

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25	SATHIRI NAVEEN	Dr. Govardhan	CIVIL ENGINEERING	Parametric study on sustainable Engineered Cementitious Composites (ECC) by using industrial by-product materials
26	MOHAMMAD USAMA	Dr. Shashikanta Tarai	HUMANITIES AND SOCIAL SCIENCES	Typological Error Patterns in Written English: Syntactic Evidences from Indo-Aryan and Dravidian Speakers
27	PRITISH BEHERA	Dr. Moksha Singh / Dr. Shashikanta Tarai	HUMANITIES AND SOCIAL SCIENCES	Role of Social Competence in Vocational Education and Training
28	BITTU KUMAR	Dr. Sudip Kumar Sinha	Metallurgical and Materials Engineering	Non-enzymatic Electrochemical Biosensors based on Hybrid TiO ₂ Nanostructures for Glucose and Cholesterol detection
29	JYOTI SANKAR PRUSTY	Dr. Awanish Kumar	BIO TECHNOLOGY	Isolation, Identification and Characterization of Antifungal Peptides (AFPs) from Microbes against Fungal Pathogen <i>Candida albicans</i>
30	NITESH KUMAR SINGH	Dr. Nishant Kumar Singh	BIO MEDICAL ENGINEERING	Bone remodeling based optimization of porous driven interspinous fusion device
31	BASINGALA PRAVEEN KUMAR	Dr. N.V.Swamy Naidu	MECHANICAL ENGINEERING	Development and Ablation Performance study of Plasma Spray Coated Ablative Carbon-Phenolic Composite Material
32	RAHUL SHARMA	Dr. Rajana Suresh Kumar	MECHANICAL ENGINEERING	Micromechanical Analysis of Fuzzy Fiber-reinforced Composite Containing Radially Grown Carbon Nanotubes

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33	JAY KUMAR MEHRA	Dr. Bijaya Kumar Sahoo	APPLIED PHYSICS	Role of interfacial electric field in thermoelectric property of $\text{In}_x\text{Al}_{1-x}\text{N}/\text{GaN}$ Superlattice
34	KUMMARI VENKATESH	Dr. K Jairam Naik	COMPUTER SCIENCE & ENGINEERING	A Framework for Crop Yield Prediction and Nutrient Deficiency Identification in Precision Agriculture using Deep Learning Approaches