

Details of Supervisors 2024 - 25**DEPARTMENT - History**

Name of Faculty	His /Her Specialization
Prof. P. K. Mishra	Ancient Indian History, Culture and Archaeology
Dr. Seema Pandey	Medieval History, Modern History
Dr. Ghanshyam Dubey	Modern Indian History, Developmental Studies

DEPARTMENT – Law

Name of Faculty	His /Her Specialization
Dr. Sagar Kumar Jaiswal	IPR, Competition law, Company Law
Prof. Sidhansu Ranjan Mohapatra	Constitutional Law, Environmental Law
Dr. Nidhi Sandal	Business law, Constitutional Law

DEPARTMENT – Hindi

Name of Faculty	His /Her Specialization
Dr. Ramesh Kumar Gohe	हिंदी आलोचना
Dr. Murli Manohar Singh	कविता,आलोचना

DEPARTMENT – English and Foreign Languages

Name of Faculty	His /Her Specialization
Prof. Manish Shrivastava	British literature, Post Colonial Literature, Cultural Studie, Modern Literature
Dr. Prasenjit Panda	Modern Literary Theory and Culture Studies, Post Colonial Studies Post humanism
Prof. Subramony Ramaswamy	Indian literature

DEPARTMENT - Physical Education

Name of Faculty	His /Her Specialization
Prof. Vishan Singh Rathore	Sports Medicine
Dr. B.R. Rawte	Sports Psychology
Dr. Kunvar Singh	Anatomy and Physiology
Dr. Pankaj Pandey	Sports Biomechanics & Exercise Physiology
Dr Mahesh Singh Dhapola	Research Methodology

DEPARTMENT - Industrial and Production Engg.

Name of Faculty	His /Her Specialization
1. Prof. Mukesh Kumar Singh	CAD/CAM-ROBOTICS
2. Prof. S. C. Shrivastava	CAD/CAM-ROBOTICS
3. Dr. Atul Kumar Sahu	Industrial Engineering, Decision Making, Supply Chain Management, Soft Computing, Production Engineering, Optimization, Manufacturing Management, Agile Management
4. Dr. Ganesh Prasad Shukla	Sustainable Manufacturing, Green Manufacturing, Green Supply Chain Management, Operation Management, Industry 4.0
5.Dr. Nitin Kumar Sahu	Advance Manufacturing Systems, Production Engineering, Optimization
6.Dr S.C. Gajbhiye	Vibration and control, Geometrical nonlinear vibration unmanned space application, Finite element Analysis
7.Dr Manish Oron	Manufacturing Processes, Design Of Machine Element, Operation Research, Metallurgy, Statistical Quality Control, Material Deformation Processes, Competitive Manufacturing Strategy,

DEPARTMENT – Computer Science Engineering

Name of Faculty	His /Her Specialization
Dr. Manish Shrivastava	Networking Security and Machine Learning
Dr. Alok Kumar Singh Kushwaha	Image & Video Processing
Dr. Upasana Sinha	Image Processing & Computer Vision
Dr. Kapil Nagwanshi	Machine Learning
Dr. Suraj Sharma	Wireless Sensor Network
Dr. Devendra Kumar Singh	Intrusion Detection
Dr. Princy Matlani	Image Processing & Machine Learning
Dr. Amit Kumar Chandanan	Data Mining, ML and Image Processing
Dr. Nishant Behar	AI, ML, Data Mining
Dr Vinay Kumar	AI, ML, Image & video processing
Dr Manjunath B E	AI, ML, Image Processing, NLP

DEPARTMENT – Information Technology

Name of Faculty	His /Her Specialization
Dr Rohit Raja	Computer Vision, Machine learning and medical image procseeing
Dr Rajesh Mahule	Data Mining and Machine Learning
Dr Santosh Soni	Wireless Sensor Network
Dr. Amit Kumar Dewangan	Text Mining, Data Mining, Machine Learning
Dr Amit kumar Khaskalam	Data Mining, Machine Learning and Material Science
Prof Manoj Kumar	Computer Vision and Machine Learning
Dr Ankit Kumar	Computer Vision and Machine Learning
Dr Ramgopal Kashyap	Machine Learning , Deep Learning and Image Processing

DEPARTMENT - Mechanical Engg.

Name of Faculty	His /Her Specialization
Prof. T. V. Arjunan	Solar Thermal Conversion, Solar Industrial air/water Heating, Heat Transfer, Composite
Prof. S. P. Anbuudayasankar	Sustainable and Green Supply Chain and Logistics, Production and Operations Management
Dr. P. K. Gupta	Modeling and Simulation in Mechanical Engineering, CFD, Solar-thermal applications, Multiphase flow modeling
Dr. J. Poonam Ekka	Solar Thermal conversion systems, Thermal energy storage, Drying Technology, Heat transfer
Dr. Anoop Kumar Sahu	Industrial Engineering, Production and Supply Chain Management
Dr. Samarjit Singh	Radar Absorbing Composites, Nano-Materials Synthesis and Characterization, Polymer Composites and Conventional & Un-conventional Machining
Dr. T.G. Loganathan	Mechanical Engineering
Dr Biplab Das	Mechanical Engineering

DEPARTMENT – Chemical Engg.

Name of Faculty	His /Her Specialization
1. Dr. Anil Kumar Chandrakar	Catalysis, Mass Transfer
2. Dr. R.S. Thakur	Adsorption, Process Intensification, Modeling and Simulation
3. Dr. Sandeep Dharmadhikari	Membranes and Microbial Fuel Cells
4. Dr. Ghoshana Jyoti	Process Intensification, Pervaporation, Modeling and Simulation
5. Dr. Amit Jain	Membrane Separation Process, Processing of various medicinal herbs and fruit/vegetables juices
6. Dr. Saurabh Meshram	Environment, waste water treatment, adsorption, optimization, heat transfer
7. Dr. Pankaj Kumar	Biofuels, Heterogeneous Catalysis, Reaction Engineering, Technoeconomic Analysis, Biorefinery
8. Dr. Neeraj Chandraker	Adsorption, Water Treatment
9. Dr. Anuradha N Joshi	Reactive extraction, Environmental Management
10. Dr. Gautam Prasad Dewangan	Fluidization Engineering, Combustion, Modelling and Simulation

DEPARTMENT - Civil Engineering

Name of Faculty	His /Her Specialization
Prof. Shailendra Kumar	Structural Engineering
Prof. M. C. Rao	Structural Engineering
Prof. R. K. Choubey	Sustainable Construction Materials/Green Concrete/Concrete Fracture
Dr. V. V. S. S. K. Dadi	Structural Engineering/Earthquake Engineering
Dr. Bijoli Mondal	Environmental Engineering, Waste Water Engineering, Solid Waste Management
Dr. Ashish Kumar Parashar	Water Resource Engineering/Water Resources and Environmental Sustainability/Earthquake Engineering/Sustainable Materials/ Building Engineering
Dr. Umank Mishra	Environmental Hydrology and Water Resources Sustainability Engineering/Sustainable Materials/ Building Engineering
Dr. Nikhil Kumar Verma	Sustainable Construction Materials/Optimization & Deep Learning Techniques in Civil Engineering /Construction Technology Management
Dr. Sonal Banchhor	Structural Engg., Waste management in cement and concrete construction. Characterization of raw materials of cement and concrete. Optimization in cement and concrete
Dr. Kundan Meshram	Transportation Engineering/ Geotechnical Engineering/Transportation Geotechnics/AI/ML Application in Civil Engineering
Dr. Balbir Kumar Pandey	Geotechnical Engineering
Dr. Adheesh Kumar Vivek	Transportation Engineering
Dr. Prakhar Modi	Water Resources Engineering

DEPARTMENT – Electronics & Communication Engg.

Name of Faculty	His /Her Specialization
Dr. Soma Das	Magnetic Nanoparticles, Metamaterial, Microwave structures
Dr. Sudakar Singh Chauhan	Solar Cell, Low power VLSI devices, Wireless Communication
Dr. Anita Khanna	Medical Image Processing, Machine Learning, Deep Learning

Dr. P. S. Shrivastava	Microwave Communication, Wireless Communication, 5G, 6G and Beyond 6G
Dr. Nipun Kumar Mishra	Antenna Design, RF & Microwave, Metamaterial based Structure
Dr Manoj Gupta	Biomedical Signal & Image Processing, Computational Intelligence, Intelligent System
Dr Rajiv Dey	Embedded systems, IoT, Linear and Adaptive control
Dr. Anil Kumar Soni	Image Processing, THz Devices Design
Dr. Nikita Kashyap	Image Processing, Artificial Intelligence, Machine Learning, Deep Learning
Dr Ruchi Tripathi	Artificial Intelligence, Machine Learning for Communication, 5G advanced and 6G communication

DEPARTMENT - Bio-Technology

Name of Faculty	His /Her Specialization
Dr. Renu Bhatt	Cancer Biology & Toxicology
Dr. Harit Jha	Bioprocess and Bioproducts
Prof Chandrashekhar Gehan	Bioprocess Engineering
Dr. D.K. Parihar	Microbial Enzyme and Fermentation technology
Dr. D. Shukla	Cancer Biology and Respiratory Biology
Dr. N. Vishvakarma	Cancer Biology
Dr. Rajat Pratap Singh	Microbial Technology Environmental Biotechnology
Dr. Vikas Chandra	Cancer Biology, Genomics, Plant Biology
Dr Alka Ekka	Microbial Product, Antimicrobial Resistance
Dr Archana Kumari	Drug Toxicity
Dr Sanjit Kumar	Structure Biology

DEPARTMENT - Botany

Name of Faculty	His /Her Specialization
Dr. S. K. Sahi	Phytomedicine, Bio-energy, Microbial Technology, Nano- Biotechnology and Quorum Sensing
Dr. A.k. Dixit	Medical botany, ethnobotany, pharmacognosy, ecology, biosystematics
Dr. D. K. Patel	Plant Ecology, Ethno Botany, Plant Diversity and Conservation
Dr. S. K. Prajapati	Heavy metal speciation of aerosols; Impacts of air pollutants on photosynthesis; Metals/metalloids genotoxicity assessments; Fly ash reclamation; Artificial light pollution
Dr. Narendra Kumar	Botanical Pesticides Microbiology and Biological Control, Medicinal Plants
Dr Deepanker Yadav	Plant stress biology
Dr. S. K. Pandey	Ecology and Environmental Management, Ecophysiology, Soil Plant atmosphere interaction
Dr. S. Sweta	Systematic, Evolution and Biogeography of selected groups of flowering plants
Dr. Madhulika Singh	Plant Physiology, Biochemistry , River ecology and monitoring

DEPARTMENT - Anthropology and Tribal Development

Name of Faculty	His /Her Specialization
Dr. Subal Das	Biological Anthropology
Prof. Anand Murti Mishra	Tribal Development, Health, Bio-Social, Medical Anthropology, Socio-Cultural Aspect

Department- Zoology

Name of Faculty	His /Her Specialization
Prof. Seema Rai	Neuroendocrinology/ reproductive and metabolic biology
Prof. Monika Bhadauria	Toxicology & Pharmacology
Prof. LVKS Bhaskar	Molecular Epidemiology
Dr. Manish Kumar Tripathi	Immunology endocrinology
Dr. Neha Jain	Fish Biology
Dr. Geeta Mishra	Toxicology

DEPARTMENT – Commerce

Name of Faculty	His /Her Specialization
Prof. Ashok Kumar Mishra	Finance, Taxation, and Accounting
Dr. Bhuvana Venkatraman	Finance and Marketing
Dr. Budheshwar Prasad Singhraul	Finance, Accounting and Taxation
Dr. Anamika Tiwari	Accounting, Taxation, and Marketing
Dr. Anup Kumar Roy	Finance, and Accounting
Dr. Shailesh Kumar Dwivedi	Finance
Dr. Vanita Kumari Soni	Human Resource Management and Marketing
Dr. Amrendra Kumar	Finance, Accounting, and Rural Development
Dr. Alka Pandey	Finance, Corporate Governance
Dr. Vinod Vishwakarma	Accounting , Finance and Taxation
Dr. Sanjay Kumar Patel	Accounting and Taxation
Dr. Venkateswara Rao Bhanotu	Finance and entrepreneurship

DEPARTMENT – Management Studies

Name of Faculty	His /Her Specialization
Dr. B. D. Mishra	Specialisation Financial Management, Business policy and strategy
Dr. Harish Kumar	Human Resource Management
Prof. Sanjay Pandey	Human Resource Management
Dr. (Mrs.) B. B. Pandey	Marketing Management
Dr. S. M. Das	Marketing Management
Dr. P. S. Dwivedi	Marketing Management
Dr. Mrs.) Chanrawati Nirala	Finance
Dr. Neha Gaikwad	Human Resource Management

DEPARTMENT – Mathematics

Name of Faculty	His /Her Specialization
1. Dr. P.P. Murthy	Nonlinear functional Analysis Mathematical, Modelling and Cryptography
2. Dr. M.K. Gupta	Finsler Geometry
3 Dr. B.B. Chaturvedi	Geometry , Cosmology
4. Dr. K.N.V.V.V. Prasad	Fixed Point Theory,
5. Dr. J. P. Jaiswal	Numerical Analysis
6. Dr. Dhananjay Gopal	Nonlinear functional Analysis,
7. Dr. Uma Devi Patel	Fixed point Theory and its application
8. Dr. Santosh Verma	Fractional Calculus
9. Dr. Brijendra Paswan	Mathematical Geoscience Wave propagation Theoretical Seismology
10. Prof A.K. Thakur	Integral Transform
11.Dr. Kankan Sarkar	Mathematical Biology

DEPARTMENT – Computer Science and Information Technology (CSIT)

Name of Faculty	His /Her Specialization
Prof. A. K. Saxena	Machine Learning, Soft Computing
Dr. Ratnesh Shrivastava	Computer Vision, Data Science, IoT
Dr. Babita Majhi	Machine Learning, Data Mining, Adaptive signal processing
Dr. Rajwant Singh Rao	Machine learning, Code Smell, Image & Video Processing, Green AI
Dr. Vikas Kumar Pandey	Machine Learning, Image Processing
Dr. Ratnesh Srivastava	Computer Vision, Data Science IoT
Dr. Shrabanti Mandal	Optimization Fuzzy and Machine Learning
Dr Santosh Kumar Majhi	Cloud computing, Machine Learning, Cyber Physical systems
Dr Vineet Kumar Awasthi	Optimization, Data mining
Dr Pushpalata Pujari	Machine Learning, Evolutionary Computing, Image Processing

DEPARTMENT - Forestry, Wildlife & Environmental Sciences

Name of Faculty	His /Her Specialization
1. Dr. S.S. Dhuria	Tree improvement, Wildlife Management
2. Dr. K.K. Chandra	Agroforestry, Silviculture
3. Dr. Gunjan Patil	Bio Remediation, Forest Ecology and Environment Management
4. Dr. Atul Kumar Bhardwaj	Soil, Plant, Microbe Interaction, Rehabilitation of Degraded Land
5. Dr. Brijendra Pratap Singh	Environmental Science
6. Dr. Chandresh Kumar Singh	Forest Genetics and Tree Improvement
7. Dr. Chowlani Manpoong	Soil Science, Forest Ecology

DEPARTMENT - Pharmacy

	Name of Faculty	His /Her Specialization
1	Dr Bharti Ahirwar	Pharmacognosy
2	Dr S. H. Bodakhe	Pharmacology
3	Dr Dilipkumar Pal	Pharmaceutical Chemistry
4	Dr Sanmati K Jain	Pharmaceutical Chemistry
5	Dr K. P. Namdeo	Pharmaceutical Chemistry
6	Dr Sunil Kumar Jain	Pharmaceutics
7	Dr Neeli Rose Beck	Pharmacognosy
8	Dr S. K. Lanjhiyana	Pharmaceutics
9	Dr Pradeep Samal	Pharmacology
10	Dr K. P. Meena	Pharmaceutics
11	Dr Manoj Kumar	Pharmaceutics
12	Dr Jagdish Singh	Pharmaceutical Chemistry
13	Dr Shivani Rai Paliwal	Pharmaceutics
14	Dr K Kesavan	Pharmaceutics
15	Dr Sanjay Kumar Bharti	Pharmaceutical Chemistry
16	Dr Nishant S. Jain	Pharmacology
17	Dr Akhilesh Kumar Jain	Pharmaceutics

18	Dr. Mahavir Ghante	Pharmaceutical Chemistry
19	Dr. Meenakshi Jaiswal	Pharmaceutical Chemistry
20	Dr. Yogesh Vaishnav	Pharmaceutical Chemistry
21	Dr. Dinesh Mishra	Pharmaceutics
22	Dr Achal Mishra	Pharmaceutical Chemistry
23	Dr Shekhar Verma	Pharmaceutics
24	Dr Sumati Poloboina	Pharmacology

DEPARTMENT - Rural Technology and Social Development

Name of Faculty	His /Her Specialization
Dr. P.R. Singh	Agricultural Extension & Remote Sensing GIS
Dr. R. Mehta	Extraction and Herbal Drug formulation
Dr. S.K. Nirala	Environmental Toxicology and Pharmacology
Dr. Bhaskar Courasia	Mycorrhizal Fungi, Endophytic Fungi, Plant biology
Dr. Alka Mishra	Agro forestry, Rural Management, Climate Change
Dr. Dilip Kumar	Agricultural Extension Enterprising
Dr. Devendra Singh Porte	Chronobiology, Ornithology Zoological Study, Wildlife & Diversity, Immunology, Tribal Studies & Rural Management
Dr. Lokesh Kumar Tinde	Agriculture Extension Climate Change, Energy Management
Dr. Prasoon Soni	Remote Sensing & GIS

DEPARTMENT - Pure & Applied Physics

Name of Faculty	His /Her Specialization
Prof. H. S. Tewari	Material Science, Oxide Magnetic Materials, Energy Materials
Prof. M. N. Tripathi	Computational Material Science, Photovoltaic, Low-Dimensional Study
Prof. Parijat Thakur	Astronomy & Astrophysics
Prof. K.N. Singh	Material Science
Prof. R. P. Patel	Material Science
Prof. A. K. Singh	Material Science
Prof. Jai Singh	Material Science, Nano Materials
Dr. Rajesh Sharma	Terahertz Radiations
Dr. R. K. Pandey	Material Science, thin films
Dr. M. P. Sharma	Material Science
Dr. T. G. Reddy	Experimental Condensed Matter physics
Dr. Pradip Das	Experimental Condensed Matter physics
Dr. S. P. Patel	Experimental Condensed Matter physics
Dr. Dinesh Uthra	Experimental Condensed Matter physics
Dr. Alka Singh	Material Science
Dr. S. Tigga	Material Science
Dr. R. Vijaya Kumar	Material Science
Dr. Rajesh Sharma	Terahertz radiations
Dr. Awadhesh Kumar Dubey	Theoretical Condensed Matter Physics
Dr. P Ram Babu	Computational material science
Dr Suchita	Nonlinear Optics
Dr. Gaytri Sarkar	Low Energy Nuclear Reaction Dynamics

DEPARTMENT – Chemistry

Name of Faculty	His /Her Specialization
Prof. G.K. Patra	Inorganic Chemistry/ Supramolecular Chemistry
Dr. Charu Arora	Physical chemistry, Environmental Chemistry, Natural Product Chemistry,
Dr. S.K. Singh	Organic Chemistry, Environmental Chemistry
Dr. S.S.Thakur	Inorganic Chemistry/ Theoretical Chemistry
Dr. Arti Srivastava	Physical Chemistry/ Polymer Chemistry
Dr. S. Banerjee	Organic Chemistry/ Nanocatalysis
Dr. Manorama Singh	Electroanalytical Chemistry & Nanomaterial synthesis
Dr. Bhaskar Sharma	Organic/Polymer Chemistry
Dr. A. K. Singh	Inorganic Chemistry
Dr. B. L. Sahu	Analytical Chemistry/ Environment
Dr. U. P. Azad	Analytical Chemistry
Dr. S. B. Singh	Inorganic Chemistry
Dr. N. Kumari	Inorganic Chemistry
Dr. B. Mondal	Inorganic Chemistry/ Supramolecules
Prof. Khemchand Dewangan	Physical Chemistry

DEPARTMENT - Social Work

Name of Faculty	His /Her Specialization
Dr. Sasmita Patel	Social Work
Dr Sangya Tripathi	Social Work
Dr Mohini Gautam	Social Work
Dr Archana Yadav	Social Work

DEPARTMENT - Economics

Name of Faculty	His /Her Specialization
Dr. Ravinda Kumar Sharma	International Economics, Industrial Economics, Quantitative Methods, Indian Economy
Dr. Dilip Jha	Banking, Micro Finance
Dr T R. Ratre	Growth and development, Public Finance
Dr Rajbhanu Patel	Indian Economy, Public Finance

DEPARTMENT - Political Science

Name of Faculty	His /Her Specialization
Prof. Ramkrushna Pradhan	Indian Knowledge System, International Relations Foreign Policy Geopolitics Energy Security Central Asia World Affairs Research Methodology
Dr. Santvana Pandey	State Politics, Electoral Politics
Dr. Amit Kumar Gupta	International Politics and India's Foreign Policy

Department – Forensic Science

Name of Faculty	His /Her Specialization
Navjot Kaur Kanwal	Questioned Documents, Digital Forensics, Narcotic Drugs

DEPARTMENT - Education

Name of Faculty	His /Her Specialization
Prof C S Vazalwar	Teacher Education, Educational Administration, Supervision and Management & English Methodology
Prof. Sujeet Kumar Mishra	Research Methodology and Higher Education
Prof Sunil Kumar Sain	
Dr. Sambit Kumar Padhi	Teacher Education, School Education and Science education
Dr. Budh Singh	Life Skill Education, Inclusive Education and Language Education
Dr Sudhir Sudam Kaware	Educational Technology, Educational Sociology, Teaching of English and Educational Planning, Administration and Management
Dr Payel Banerjee	Curriculum Evaluation, Science Education and Policy Studies
Dr Ajay Samir Kujur	Education and Society Curriculum Studies, School Education, Tribal Society and Education, Inclusion and Exclusion in Education, Disadvantaged Groups and Education & Pedagogy of Social Science
Dr. Mukesh Chandrakar	Language Education, Early childhood care and Education (ECCE) , and Special Education(ASD)
Dr Dheerendra Singh	Guidance & Counselling, Social Science Teaching & Historical Perspective and Teaching
Dr Rajeshwari Garg	Educational psychology, Teacher Education Pedagogy of Science, Life skill Education and Guidance & Counselling
Dr Jyoti Verma	Educational Management Leadership, Gender issues in education, Pedagogy of life science, Integration of ICT in teaching learning and teachers education
Dr Meena Kumari	Special and Inclusive Education