

### Research expertise of faculty members of Sharda University

Sl. No.	Employee Name	Designation	Department	School	PhD Specialization	Interdisciplinary area of Interest
1	Vivek Srivastava	Assistant Professor	Biochemistry	SUBSR	Biotechnology (Cancer biology)	DNA damage response pathway, telomere biology, Protein biochemistry, post-translational modifications on protein
2	Anupam Agarwal	Assistant Professor	Chemistry	SUBSR	Organic Chemistry	Water remediation using bio adsorbent, Application of nanomaterial in crops, and organic synthesis
3	Noopur Srivastava	Assistant Professor	Chemistry	SUBSR	Medicinal Chemistry	Development of new synthetic methodologies for the synthesis of bioactive and pharmaceutically important molecules.
4	Rahul Pal	Assistant Professor	Chemistry	SUBSR	Electrochemistry	Fuel Cells
5	Sonia Khanna	Assistant Professor	Chemistry	SUBSR	Inorganic Chemistry	Microbiological studies of complexes, electrochemical studies, synthesis and characterization of complexes with schiff bases
6	Vinay Kumar Verma	Assistant Professor	Chemistry	SUBSR	Organometallic chemistry	Metal chalcogenide nanomaterials, macrocyclic and cyclic chemistry, Material for sensor application
7	Geeta Durga	Associate Professor	Chemistry	SUBSR	Polymer Chemistry	Polymer Chemistry, composite fabrication, Water remediation
8	Suman .	Assistant Professor	Env. Sciences	SUBSR	Environmental Science	Air Quality Monitoring, Air Pollution Modelling, EIA, Environmental Law and Audit
9	Rajesh Kumar	Professor	Env. Sciences	SUBSR	Geophysics (Meteorology)	Glaciology, Remote Sensing, Climate change, Air pollution
10	Abul Hasan Siddiqi	Adjunct Professor	Mathematics	SUBSR	Mathematics	Functional Analysis, Approximation Theory, Variational Inequalities, Wavelet
11	Alpna Mishra	Assistant Professor	Mathematics	SUBSR	Mathematical Biology	Mathematical Modeling
12	Khursheed Alam	Assistant Professor	Mathematics	SUBSR	Nonlinear dynamical systems	Non- linear systems, chaos control, inverse problems- using wavelet and financial Mathematics/ statistics
13	Nidhi Sahni	Assistant Professor	Mathematics	SUBSR	Special Functions	Ordinary and basic hypergeometric Series, Transformation formulae, Continued fractions
14	Richa Sharma	Assistant Professor	Mathematics	SUBSR	Nonlinear stress analysis	Stress analysis of cylinders made of nanomaterial and micro polar cylinders
15	Sangeeta Gupta	Assistant Professor	Mathematics	SUBSR	Operation Research (Inventory Control)	Graph Theory

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16	Sweta Srivastav	Assistant Professor	Mathematics	SUBSR	Graph theory	Operation Research
17	Uckath Variyath Balakrishnan	Professor	Mathematics	SUBSR	Analytic Number Theory	Statistics
18	Divya Singh	Assistant Professor	Physics	SUBSR	Physics	Material science and Radiation
19	Krishna Kumar Pandey	Assistant Professor	Physics	SUBSR	Condensed Matter Physics	Ultrasonic attenuation studies in condensed materials such as fcc, bcc, Nano crystalline, mixed crystalline materials etc.
20	Manish Sharma	Assistant Professor	Physics	SUBSR	Environment Science (Applied Sciences)	Satellite Remote Sensing, Aerosols, Air pollution, Atmospheric trace gases study, Climate change
55	Meenal Gupta	Assistant Professor	Physics	SUBSR	Liquid Crystals	Materials Science, Soft Condensed Matter Physics, Dielectric Studies, Super capacitors.
21	Venus Dillu	Assistant Professor	Physics	SUBSR	Plasmonics, Photonics, Sensors	Polymers, Solar Cells
22	Mohit Sahni	Associate Professor	Physics	SUBSR	Multiferroic materials	Thin films, nanomaterial, ferrites, sensors
23	Munendra Singh	Associate Professor	Physics	SUBSR	Cosmic rays	
24	Pramod Kumar Singh	Associate Professor	Physics	SUBSR	Material Science (Physics)	Polymer Electrolytes, Composites, Nano Materials, Solar Cells, Sensors, Thin Films, Quantum Dots, Super Capacitor
25	Bhaskar Bhattacharya	Professor	Physics	SUBSR	Polymer Electrolytes, Solar Cells	Polymer Electrolytes, Composites, Nano Materials, Solar Cells, Sensors, Thin Films, Quantum Dots, Ion Beam interaction
26	R C Singh	Professor	Physics	SUBSR	Condensed matter physics	Image processing, Biometrics and Time series analysis
27	Ritu Sharma	Assistant Professor	Dept. of Education	SUEDU	Soci-emotional adjustment and guidance needs of students with learning disabilities	Psychological aspects of education including adjustment, intelligence, guidance needs, learning disabilities, developmental studies regarding creativity and personality
28	Rainu Gupta	Professor	Dept. of Education	SUEDU	Teacher Education	Area related to Teacher Education, Historical aspects of Education, CAI, Teaching Methodology, Psychological aspects.

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29	Vijender Singh Mahalwal	Professor	Pharmacy	SUPHA	Pharmacy	Phytochemistry, phytopharmaceuticals, phytopharmacological, isolation & characterization of volatile constituents from volatile oils bearing plants and other pharmacy subjective problems.
30	Brishbhan Singh Panwar	Distinguished Professor	Electronics & Comm. Engg.	SURTDC	Signal Processing, microelectronics technology, MEMS structure	bio-sensors , early detection and identification of disease using spread spectrum technology
32	N. B. Singh*	Prof. Emeritus	Research & Tech Develop Center	SURTDC	Solid state reactions	Construction materials, Nanomaterial, Water purification, Thermodynamics
33	Arun Mehta	Professor	Research & Tech Develop Center	SURTDC	Technology for the disabled, robotics, cloud computing	automation, robotics, technology and singing
31	Shri Kant	Professor	Research & Tech Develop Center	SURTDC	Special Functions	Pattern recognition, Machine learning, Data mining, Exploratory data analysis and their application to Cryptology, cyber security, Security Issues In IOT, Communication Network etc.
34	Eqbal Ahmad	Professor	Mass Communication	SUSAC	Yellow Journalism	Journalism & Mass Communication
36	Ankur Agarwal	Assistant Professor	Management	SUSBS	Finance	General Management Like CSR, Financial inclusion, Crypto currency etc.
35	Deepa Kumari	Assistant Professor	Management	SUSBS	Management	Entrepreneurship
37	Hari Shankar Shyam	Assistant Professor	Management	SUSBS	Marketing	General Management, Strategy, CSR, Entrepreneurship, International Business etc.
38	Madhu Sharma	Assistant Professor	Management	SUSBS	English	Communication
39	Monica Agarwal	Assistant Professor	Management	SUSBS	HR & OB	Marketing
40	Parul Saxena	Assistant Professor	Management	SUSBS	Commerce	HRM, OB, General Management, Business Communication,
41	Priti Verma	Assistant Professor	Management	SUSBS	English	Business communication, CSR
42	Shivani Chaudhry	Assistant Professor	Management	SUSBS	Finance	
43	shrdha Malhotra	Assistant Professor	Management	SUSBS	Financial Economics	General Management and Finance
44	Krishna Raina	Associate Professor	Management	SUSBS	Cross- Cultural Management	Human Resource Management

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45	Mridul Dharwal	Associate Professor	Management	SUSBS	Economics	
46	Nisha Kant Ojha	Associate Professor	Management	SUSBS	IT & Operations	Operations, IT, Project Management, General Management
47	Sachin sinha	Associate Professor	Management	SUSBS	Marketing	Marketing and General Management
48	Sachin sinha	Associate Professor	Management	SUSBS	Marketing	Marketing and General Management
49	Anoop Pant	Professor	Management	SUSBS	Finance	HR and Marketing
50	Daleep Parimoo	Professor	Management	SUSBS	Human Resources Management	Finance , Psychology, Engineering leadership, Entrepreneurship
51	Milindo Chakrabarti	Professor	Management	SUSBS	Economics and International Business	Management of Environment and Ecology
54	Srinivas Shirur	Professor	Management	SUSBS	Family Business	Financial strategy ,family business and Entrepreneurship
52	sunil Joshi	Professor	Management	SUSBS	Finance, Banking	
53	Vikas Kumar	Professor	Management	SUSBS	Electronic Communication	Cloud Computing, New Medias for Development, Development Communication
56	Amit Kumar Singh	Assistant Professor	Bio Technology	SUSET	Protein Structure Biology	Protein Science
57	Fazlurrahman Khan	Assistant Professor	Bio Technology	SUSET	Microbiology	Food microbiology, Microbial Ecology and Microbial Metabolism
58	Vimlendu Bhushan Sinha	Assistant Professor	Bio Technology	SUSET	Recombinant DNA Technology and Transgenic	Plant Biotechnology, Environment management, Bioelectricity, Bioinformatics, Functional Genomics
59	Pankaj Taneja	Associate Professor	Bio Technology	SUSET	Toxicology	Signal transduction, Cancer chemoprevention, Genetic Toxicology, Medical devices, Nano biotechnology
60	Rajiv Dutta	Professor	Bio Technology	SUSET	Biotechnology	Nano Biotechnology, Bioelectronics, Biomechanics and Quantum Biology
61	Rita Singh Majumdar	Professor	Bio Technology	SUSET	tissue culture of medicinal aromatic plant	Molecular biology and microbial technology
62	Shahana Majumder	Professor	Bio Technology	SUSET	Plant Pathology	Bio-sensors, environmental microbiology

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63	Garima Chouhan	Assistant Professor	Biotechnology	SUSET	Biotechnology (Immunology)	Drug development against parasitic diseases; immunomodulation
64	Satyaprakash	Professor	Civil Engg.	SUSET	Geodesy	Geodesy, Surveying, Geo-informatics, Building Materials, Remote Sensing, Applications of GPS
65	Kiran Kumar Ravulakollu	Assistant Professor	Computer Science Engg.	SUSET	Intelligent Systems, Computer Science & Engineering	
66	Rajiv Kumar	Assistant Professor	Computer Science Engg.	SUSET	Image Processing, Intelligent System	
67	Ruchi Agarwal	Assistant Professor	Computer Science Engg.	SUSET	Computer Science(Data Mining)	Business Intelligence, Big Data Analytics
68	Ashok Kumar Sahoo	Associate Professor	Computer Science Engg.	SUSET	Pattern Recognition	Machine Intelligence/Pattern Recognition/Soft Computing
69	Ishan Ranjan	Professor	Computer Science Engg.	SUSET	Software Engineering	Software Engineering, Software Design, Mobile Applications
71	Rajendra Kumar Jatley	Professor	Electrical & Electronics Engg.	SUSET	Power System	Solar/Wind Power
72	Gajendra Singh	Professor	Electrical & Electronics Engg.	SUSET	Solar Energy (Photovoltaics)	Solar Energy
73	Noor E Zahra	Assistant Professor	Electronics & Comm. Engg.	SUSET	ECE	Medical Imaging, Signal Processing, Image Processing, Wavelet, Curvelet, Shearlet,
70	Rashmi Priyadarshini	Assistant Professor	Electronics & Comm. Engg.	SUSET	ECE	Design and development of Wireless sensor network for monitoring and actuation
74	Pallavi Gupta	Associate Professor	Electronics & Comm. Engg.	SUSET	ECE	
75	Abdhesh Kumar Singh	Professor	Electronics & Comm. Engg.	SUSET	Analog Integrated Circuits for Signal Processing	VLSI
76	R. M. Mehra	Professor Emeritus	Electronics & Comm. Engg.	SUSET	Semi-Conductors	Materials, Semi-Conductors, Composites, Photovoltaic Cells
77	Bhim Singh	Professor	Mechanical Engineering	SUSET	Lean Manufacturing	Lean manufacturing, Production management , Supply chain management, Operations management
78	Gurpyari Bhatnagar	Assistant Professor	English	SUSLG	Literary Criticism	Ethics and Media Studies

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83	Jyoti Jayal	Assistant Professor	English	SUSLG	Linguistics; Phonetics; English Language Teaching	Inter language Pragmatics; Cross cultural Communication; Second Language Acquisition
79	Kumar Gautam Anand	Assistant Professor	English	SUSLG	Gender Studies	
80	Pallavi Thakur	Assistant Professor	English	SUSLG	Feminism, Indian English Literature	Humanistic Studies
81	Prachi Priyanka	Assistant Professor	English	SUSLG	Convergences between poetry and painting	Visual Arts
82	Brinda Chowdhari	Associate Professor	English	SUSLG	Applied Linguistics (Language Acquisition and Pedagogy)	Phonetics., Semantics , First and Second language acquisition, Language Education
84	Ambika Sharma	Professor	English	SUSLG	English Fiction, Poetry, Drama Comparative Literature	
88	Ashish Singhal	Assistant Professor	Law	SUSOL	Environmental Law	Environmental Law, Mercantile Law
85	Smita Gupta	Assistant Professor	Law	SUSOL	Indian Government and Politics (Political Science)	Political Leadership, Administrative Policy & Politics, Political Psychology, Politics & Media, Organizational Politics, Administrative Behavior, Governance.
86	Urmila Yadav	Assistant Professor	Law	SUSOL	Sociology	
89	Yadav Rupendra Prakash	Associate Professor	Law	SUSOL	Corporate Law	Any Area
87	Pradeep Kulshrestha	Professor	Law	SUSOL	Constitutional Law, Human Rights	Constitutional Law, Human Rights
90	Ashish Singhal	Assistant Professor	SOL	SUSOL	Environmental Law	Environmental Law, Mercantile Law