

# LIST OF RECOGNIZED SUPERVISORS

With Effect from July 2022

DEPARTMENT OF RESEARCH & DEVELOPMENT, UPES

Sl.	School	Link
1	School of Business	<a href="#">View</a>
2	School of Engineering (Applied Sciences) - Physics	<a href="#">View</a>
3	School of Engineering (Applied Sciences) – Chemistry	<a href="#">View</a>
4	School of Engineering (Applied Sciences) – Mathematics	<a href="#">View</a>
5	School of Engineering – Electrical Cluster	<a href="#">View</a>
6	School of Engineering – Energy Cluster	<a href="#">View</a>
7	School of Engineering – Mechanical Cluster	<a href="#">View</a>
8	School of Engineering – Sustainability Cluster	<a href="#">View</a>
9	School of Computer Science & Engineering	<a href="#">View</a>
10	School of Health Science & Technology	<a href="#">View</a>
11	School of Law	<a href="#">View</a>
12	School of Design	<a href="#">View</a>
13	School of Liberal Studies	<a href="#">View</a>

## School of Business

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Sunil Rai</b>	Professor & Vice Chancellor	General Management	School of Business	35+	-	Business Continuity Management	Business Continuity Management, Business Continuity and Higher Education	<a href="mailto:sunil.raai@gusindia.global">sunil.raai@gusindia.global</a>	<a href="https://www.upes.ac.in/about-us/vice-chancellors-message">https://www.upes.ac.in/about-us/vice-chancellors-message</a>
2	<b>Dr. Prasoom Dwivedi</b>	Professor	Economics & IB	School of Business	18 & (11 Funded Projects)	2007	Energy Conservation in India: A Study of Selected Industries	Energy Economics, Policy & Regulations, Sustainability, Green Finance, Circular Economy, Management of Commons	<a href="mailto:pdwivedi@ddn.upes.ac.in">pdwivedi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/economic-international/dr-prasoom-dwivedi">https://www.upes.ac.in/schools-faculty/business/economic-international/dr-prasoom-dwivedi</a>
3	<b>Dr. Sumeet Gupta</b>	Professor	General Management	School of Business	15 & 2 Patent, 1 Funded Project	2010	Analytical Study of Derivatives in Indian Security Market	Risk Management, Energy Financing, Supply Chain, Accounting, Behavioral Finance, Power Financing, Infrastructure Financing, Oil and gas Verticals Study, Cost Optimization, Block Chain, IOT, Metaverse	<a href="mailto:sumeetgupta@ddn.upes.ac.in">sumeetgupta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-sumeet-gupta">https://www.upes.ac.in/schools-faculty/business/general-management/dr-sumeet-gupta</a>
4	<b>Dr. Mohammed Yaqoot</b>	Professor	Energy Management	School of Business	13	2016	Assessment of barriers to the Dissemination of Decentralized renewable Energy Systems in Uttarakhand	Electric Vehicles, Renewable Energy policy, Transition to Net Zero future	<a href="mailto:myaqoot@ddn.upes.ac.in">myaqoot@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/energy-management/dr-mohammad-yaqoot">https://www.upes.ac.in/schools-faculty/business/energy-management/dr-mohammad-yaqoot</a>
5	<b>Dr. Atri Nautiyal</b>	Professor	Energy Management	School of Business	PI in 2 Project, Co PI in 1 Project	-	-	International Business, Energy, Development Economics\	<a href="mailto:anautiyal@ddn.upes.ac.in">anautiyal@ddn.upes.ac.in</a>	<a href="https://upes.irins.org/profile/97078#expertise_information_panel">https://upes.irins.org/profile/97078#expertise_information_panel</a>

## School of Business

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6	<b>Dr. Totakura Bangar Raju</b>	Professor	Transportation Management	School of Business	14	2012	Development of an Analytical Framework to identify principal operational port performance indicators of various Indian ports for imported steam coal	Maritime , Aviation , Energy Pricing	<a href="mailto:tbraju@ddn.upes.ac.in">tbraju@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/transportation/dr-totakura-bangar-raju">https://www.upes.ac.in/schools-faculty/business/transportation/dr-totakura-bangar-raju</a>
7	<b>Dr. Anil Kumar</b>	Professor	Energy Management	School of Business	14	2014	Economics of Private Participation in UMPP	Power Management, Infrastructure Management, Urban Development	<a href="mailto:anilkumar@ddn.upes.ac.in">anilkumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/energy-management/dr-anil-kumar">https://www.upes.ac.in/schools-faculty/business/energy-management/dr-anil-kumar</a>
8	<b>Dr. Vinay Kandpal</b>	Associate Professor	General Management	School of Business	30 & 1 Project	2012	Performance Evaluation of Mutual Funds In India – A Comparative Study of Public and Private Sector Mutual Funds	Risk Management, Financial literacy, Financial inclusion, Sustainability, Banking, Women Empowerment, Smart City	<a href="mailto:vkandpal@ddn.upes.ac.in">vkandpal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-vinay-kandpal">https://www.upes.ac.in/schools-faculty/business/general-management/dr-vinay-kandpal</a>
9	<b>Dr. Prakash Chandra Bahuguna</b>	Associate Professor	General Management	School of Business	10	2012	Talent Management and its role in creating high performance work system: A study of oil and gas industry in India	Strategic Human Resource Management, Performance Management 3. Trainig and Development	<a href="mailto:bahuguna@ddn.upes.ac.in">bahuguna@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-p-c-bahuguna">https://www.upes.ac.in/schools-faculty/business/general-management/dr-p-c-bahuguna</a>
10	<b>Dr. Anita Sengar</b>	Associate Professor	General Management	School of Business	7	2014	A Study on evolving perspectives of rural marketing	Marketing, Qualitative research	<a href="mailto:asengar@ddn.upes.ac.in">asengar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-anita-sengar">https://www.upes.ac.in/schools-faculty/business/general-management/dr-anita-sengar</a>

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11	<b>Dr. Ankur Mittal</b>	Associate Professor	General Management	School of Business	11	2011	Comparative Analysis of sectoral mutual funds schemes with special reference to Uttarakhand	Corporate Finance, Valuation for Firms, IPO Funding, Oil & Gas Finance & Investment Decisions	<a href="mailto:amittal@ddn.upes.ac.in">amittal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-ankur-mittal">https://www.upes.ac.in/schools-faculty/business/general-management/dr-ankur-mittal</a>
12	<b>Dr. Hiranmoy Roy</b>	Associate Professor	Economics & IB	School of Business	11	2006	Trend and Pattern of Human development in Assam	Energy Economics, Econometric Modelling, Development Economics, Power Sector	<a href="mailto:hiranmoy@ddn.upes.ac.in">hiranmoy@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/economic-international/dr-hiranmoy-roy">https://www.upes.ac.in/schools-faculty/business/economic-international/dr-hiranmoy-roy</a>
13	<b>Dr. Arvind Kumar Jain</b>	Associate Professor	General Management	School of Business	20	2010	Indian Garment Industry: Vision for Open Competition Beyond Year 2005	Marketing / Consumer Behaviour / Branding , HR, Renewable and Non Re-Newable Energy	<a href="mailto:akjain@ddn.upes.ac.in">akjain@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-arvind-kumar-jain">https://www.upes.ac.in/schools-faculty/business/general-management/dr-arvind-kumar-jain</a>
14	<b>Dr. Saurabh Tiwari</b>	Associate Professor	Transportation Management	School of Business	7	2013	Lean Manufacturing Practices of Indian Manufacturing firms	Lean Manufacturing/ World class manufacturing/sustainability, Industry 4.0, Circular Economy	<a href="mailto:stiware@ddn.upes.ac.in">stiware@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/transportation/dr-saurabh-tiwari">https://www.upes.ac.in/schools-faculty/business/transportation/dr-saurabh-tiwari</a>
15	<b>Dr. Bhartendu Kumar Chaturvedi</b>	Associate Professor	Economics & IB	School of Business	5	2011	Enquiry into the economic viability of Milk producing units in district Ghazipur of Uttar Pradesh	Developmental Economics, Agricultural and Industrial Economics, Infrastructure Economics	<a href="mailto:bkchaturvedi@ddn.upes.ac.in">bkchaturvedi@ddn.upes.ac.in</a>	<a href="https://upes.irins.org/profile/96636">https://upes.irins.org/profile/96636</a>

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16	<b>Dr. Sunil Barthwal</b>	Associate Professor	General Management	School of Business	12	2015	Cultural Values and advertising of Durable goods: A study in Uttarakhand	1- Advertising 2- New age media and society 3- Culture and Diversity 4- Sustainability and Green Marketing 5- Consumer Behaviour	<a href="mailto:sunilb@ddn.upes.ac.in">sunilb@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-sunil-barthwal">https://www.upes.ac.in/schools-faculty/business/general-management/dr-sunil-barthwal</a>
17	<b>Dr. Devkant Kala</b>	Assistant Professor	General Management	School of Business	18	2015	Measuring the Quality and Performance of Hotels: A Balanced Scorecard Approach (A study of Hotels of Selected Tourist Towns of Uttarakhand State)	Marketing, Consumer Behaviour, Tourism & Hospitality	<a href="mailto:devkant.kala@ddn.upes.ac.in">devkant.kala@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-devkant-kala">https://www.upes.ac.in/schools-faculty/business/general-management/dr-devkant-kala</a>
18	<b>Dr. Mohammad Yunus Bhat</b>	Assistant Professor	Economics & IB	School of Business	10	2017	Valuation of National Parks: A Case Study of Dachigam National Park	Environmental Economics, Energy Economics, Green Economics	<a href="mailto:younus.bhat@ddn.upes.ac.in">younus.bhat@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/economic-international/dr-mohammad-younus-bhatt">https://www.upes.ac.in/schools-faculty/business/economic-international/dr-mohammad-younus-bhatt</a>
19	<b>Dr. Hardeep Singh</b>	Assistant Professor	General Management	School of Business	11	2019	Impact of CEO Overconfidence on Capital Structure Decisions and Firm Performance: Evidence from India	Behavioral Finance, Corporate Finance, Asset Pricing	<a href="mailto:hardeep@ddn.upes.ac.in">hardeep@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-hardeep-singh-mundi">https://www.upes.ac.in/schools-faculty/business/general-management/dr-hardeep-singh-mundi</a>

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20	<b>Dr. Rupesh Kumar</b>	Assistant Professor	Transportation	School of Business	16	2013	Study of e-applications in the supply chain system of sugar industry	Supply Chain management and Logistics Management, IT Applications in Supply Chain Management, Analytical Methods/ Quantitative Methods, Operations Management	<a href="mailto:rupesh.kumar@ddn.upes.ac.in">rupesh.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/transportation/dr-rupesh-kumar">https://www.upes.ac.in/schools-faculty/business/transportation/dr-rupesh-kumar</a>
21	<b>Dr. Rajesh Tripathi</b>	Assistant Professor	General Management	School of Business	6	2012	Strategic Thinking for Technology Adoption and Competency Building: A Mapping of Indian Newspaper Industry Growth	Strategic Management, Corporate governance, Technology Management/ IPR/ Marketing Management	<a href="mailto:rajesh.tripathi@ddn.upes.ac.in">rajesh.tripathi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-rajesh-tripathi">https://www.upes.ac.in/schools-faculty/business/general-management/dr-rajesh-tripathi</a>
22	<b>Dr. Binod Kumar Singh</b>	Assistant Professor	General Management	School of Business	12	2007	Estimation Procedure Using Asymmetric Loss Function	Business Analytics, Supply Chain, General Management	<a href="mailto:binodsingh@ddn.upes.ac.in">binodsingh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-binod-kumar-singh">https://www.upes.ac.in/schools-faculty/business/general-management/dr-binod-kumar-singh</a>
23	<b>Dr. Rajeev Srivastava</b>	Assistant Professor	General Management	School of Business	7	2014	Towards a Model for Effective e-Waste Management: A Study of Software Industry and Higher Education Institutions in India	Electronic Waste Management, Analytics and Machine learning	<a href="mailto:rsrivastava@ddn.upes.ac.in">rsrivastava@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-rajeev-srivastava">https://www.upes.ac.in/schools-faculty/business/general-management/dr-rajeev-srivastava</a>

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24	<b>Dr. Sushil Kumar Rai</b>	Assistant Professor	Economics & IB	School of Business	10	2009	Impact of New Economic Reforms on Small and Medium Enterprises: A Study Based on Eastern Region of Uttar Pradesh	Micro Small and Medium Enterprises (MSMEs), Macroeconomic Issues ( FDI, Exchange Rate, Unemployment), Energy Economics	<a href="mailto:skrai@ddn.upes.ac.in">skrai@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/economic-international/dr-sushil-kumar-rai">https://www.upes.ac.in/schools-faculty/business/economic-international/dr-sushil-kumar-rai</a>
25	<b>Dr. Meenakshi Sharma</b>	Assistant Professor	General Management	School of Business	5	2015	CUSTOMER EXPERIENCES IN RETAIL BANKING SERVICES (A Study of Selected Banks in Uttarakhand)	Marketing, Consumer Behaviour, Customer experiences, Online learning	<a href="mailto:m.sharma@ddn.upes.ac.in">m.sharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-meenakshi-sharma">https://www.upes.ac.in/schools-faculty/business/general-management/dr-meenakshi-sharma</a>
26	<b>Dr. Anurag Singh</b>	Assistant Professor	General Management	School of Business	4	2015	Corporate Governance and Disclosure Practices in Indian Life Insurance Industry	Human Resource Management, Organizational Behaviour, Behavioral Studies	<a href="mailto:anurag.singh@ddn.upes.ac.in">anurag.singh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-anurag-singh">https://www.upes.ac.in/schools-faculty/business/general-management/dr-anurag-singh</a>
27	<b>Dr. Ragini</b>	Assistant Professor	General Management	School of Business	10	2017	Impact of Social Support at Work, Trainee Characteristics and Training Design Factors on Transfer of Training- Study of a Power Major in India.	Training Effectiveness, Employee Engagement, Performance Management	<a href="mailto:ragini@ddn.upes.ac.in">ragini@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-ragini">https://www.upes.ac.in/schools-faculty/business/general-management/dr-ragini</a>



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28	<b>Dr. Deepak Bangwal</b>	Assistant Professor	General Management	School of Business	8	2018	Green HRM and work-life – An innovative approach to sustainable business environment	Green HRM & work-life, Green Buildings , Workplace design features & Environmental design	<a href="mailto:dbangwal@ddn.upes.ac.in">dbangwal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-deepak-bangwal">https://www.upes.ac.in/schools-faculty/business/general-management/dr-deepak-bangwal</a>
29	<b>Dr. Najul Laskar</b>	Assistant Professor	General Management	School of Business	6	2018	Corporate Sustainability Performance and Financial Performance: A Study on Select Companies from Asia	Corporate Sustainability Reporting, Corporate Governance	<a href="mailto:nlaskar@ddn.upes.ac.in">nlaskar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-najul-laskar">https://www.upes.ac.in/schools-faculty/business/general-management/dr-najul-laskar</a>
30	<b>Dr. Nitesh Kumar Adichwal</b>	Assistant Professor	General Management	School of Business	10	2018	Construction of Improved Estimator(s) of Population Parameter(s) using Auxiliary Information	Statistics (Sampling), Population Studies	<a href="mailto:nkadichwal@ddn.upes.ac.in">nkadichwal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/nitesh-kumar-adichwal">https://www.upes.ac.in/schools-faculty/business/general-management/nitesh-kumar-adichwal</a>
31	<b>Dr. Pradeep Kumar</b>	Assistant Professor	General Management	School of Business	10	2019	Dynamics of Flexibility in Service Lexicon for improved Customer experience and satisfaction: Evidence from Healthcare Sector in India	Service Flexibility , Healthcare marketing and operations , technology-based service and Customer experience	<a href="mailto:pradeep.kumar@ddn.upes.ac.in">pradeep.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/general-management/dr-pradeep-kumar">https://www.upes.ac.in/schools-faculty/business/general-management/dr-pradeep-kumar</a>

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32	<b>Dr. Asif Khan</b>	Assistant Professor	General Management	School of Business	4 Papers + (1 Project)	2021	Financial and social efficiency of Microfinance Institutions of India	1- Efficiency and productivity Analysis 2- Data Envelopment Analysis 3- Financial Institutions (Banking, Microfinance, Insurance) 4- Corporate Governance 5- Environment, Social and Governance(ESG) and firm performance	<a href="mailto:asif.khan@ddn.upes.ac.in">asif.khan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/economic-international/asif-khan">https://www.upes.ac.in/schools-faculty/business/economic-international/asif-khan</a>
33	<b>Dr. Nayhel Sharma</b>	Assistant Professor	Aviation Management, CCE	School of Business	8	2021	Aerodynamic Characterization of Missiles having Conventional & Unconventional Fin Conjunctions	1. CFD, AERODYNAMICS 2. DESIGN 3. OPERATIONS/ INDUSTRIAL	<a href="mailto:nayhel.sharma@ddn.upes.ac.in">nayhel.sharma@ddn.upes.ac.in</a>	<a href="https://www.linkedin.com/in/nayhel-sharma-72820450?originalSubdomain=in">https://www.linkedin.com/in/nayhel-sharma-72820450?originalSubdomain=in</a>
34	<b>Dr. Subhra Rajat Balabantaray</b>	Assistant Professor	Economics and International Business	School of Business	4	2020	Institutional reforms and community participation in irrigation management: A Sociological study of WUAs in Odisha	1. Sociology of Environment 2. Gender Studies 3. Sociology of Development	<a href="mailto:srbalabantaray@ddn.upes.ac.in">srbalabantaray@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/business/economic-international/subhra-rajat-balabantaray">https://www.upes.ac.in/schools-faculty/business/economic-international/subhra-rajat-balabantaray</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Devesh Kumar Avasthi</b>	Professor	Physics	School of Engineering	<b>700+</b>	1982	Elastic recoil detection & large area position sensitive detector, in-situ XRD in beam line, facility for low flux and large area irradiation	1. Materials for Energy and sensor 2. Plasmonics & SERS 3. Nanotechnology	<a href="mailto:dkavasthi@ddn.upes.ac.in">dkavasthi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/research/dr-devesh-kumar-avasthi">https://www.upes.ac.in/schools-faculty/engineering/research/dr-devesh-kumar-avasthi</a>
2	<b>Dr. K. Asokan</b>	Professor	Physics	School of Engineering	<b>500+</b>	1992	Electronic structure of high temperature superconductors	1. Ion beam interaction in materials, 2. Electronic structure of materials 3. Material Science/ Condensed Matter Physics	<a href="mailto:asokan.kandasami@ddn.upes.ac.in">asokan.kandasami@ddn.upes.ac.in</a>	<a href="https://scholar.google.co.in/citations?user=0OizJrsAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=0OizJrsAAAAJ&amp;hl=en</a>
3	<b>Dr. Ajay Gupta</b>	Professor	Physics	School of Engineering	<b>300+</b>	1975	Condensed Matter Physics	1. Condensed Matter Physics 2. Magnetic Materials 3. Thin films and multilayers	<a href="mailto:ajay.gupta@ddn.upes.ac.in">ajay.gupta@ddn.upes.ac.in</a>	<a href="https://scholar.google.co.in/citations?user=Bn4AZ0AAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=Bn4AZ0AAAAJ&amp;hl=en</a>
4	<b>Dr. J B Singh</b>	Professor	Physics	School of Engineering	<b>1980+</b>	1980	Study of multiparticle production in proton-nucleus collisions at very high energies	"1. Experimental High Energy Particle Physics 2. Detector Instrumentations	Jasbir.singh@ddn.upes.ac.in; singhjb@pu.ac.in	<a href="https://upes.instituteofscience.org/profile/243654">https://upes.instituteofscience.org/profile/243654</a>
5	<b>Dr. Vipin Gaur</b>	Assistant Professor	Physics	School of Engineering	<b>259</b>	2013	SEARCH FOR RARE DECAYS B0 -> K+ K- PI0 WITH BELLE DATA	EXPERIMENTAL HIGH ENERGY PHYSICS	<a href="mailto:vipin.gaur@ddn.upes.ac.in">vipin.gaur@ddn.upes.ac.in</a>	-

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
6	<b>Dr. Anil Kumar Sinha</b>	Professor	Physics	School of Engineering	<b>170</b>	2000	Sub-gap Absorption and potential fluctuations in hydrogenated amorphous silicon and its alloys.	1. Synthesis and characterization of electrode materials for batteries, 2. Materials Sciences: ferroelectric, magnetic and multiferroic materials, 3. Application of synchrotron radiation for Materials Characterization	<a href="mailto:anil.sinha@ddn.upes.ac.in">anil.sinha@ddn.upes.ac.in</a>	<a href="https://upes.iri.ns.org/profile/242705">https://upes.iri.ns.org/profile/242705</a>
7	<b>Dr. Ashish Mathur</b>	Associate Professor	Physics	School of Engineering	<b>79</b>	2011	A study of the growth and fabrication of carbon nanotube arrays in microfluidic channels and their application in micro-particle separation for bio-sensing devices	Nanotechnology/Material Science, Microfluidics, Sensors / Bio-Sensors	<a href="mailto:ashish.mathur@ddn.upes.ac.in">ashish.mathur@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/research/mr-ashish-mathur">https://www.upes.ac.in/schools-faculty/engineering/research/mr-ashish-mathur</a>
8	<b>Dr. Vivek Kumar Anand</b>	Associate Professor	Physics	School of Engineering	<b>78</b>	2009	Magnetic and Superconducting Properties of Pr-based Compounds	1. Low Temperature Physics: Magnetic and Superconducting Properties 2. Strongly Correlated Electron Properties, 3. Thermoelectric Properties	<a href="mailto:vivek.anand@ddn.upes.ac.in">vivek.anand@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/departments-of-applied-sciences-and-humanities/physics">https://www.upes.ac.in/schools-faculty/departments-of-applied-sciences-and-humanities/physics</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
9	<b>Dr. Ankush Vij</b>	Professor	Physics	School of Engineering	<b>70</b>	2010	Characterization and swift heavy ions induced modifications of SrS based nanophosphors	Optical Nanomaterials for Solid state lighting, persistent luminescence, medical imaging, optical sensors such as NIR, UV etc., Thermoluminescence dosimetry for Gamma, X-ray, UV, heavy ions, neutrons etc., Ion beam induced modifications in materials and Synchrotron related studies such as XAFS, HRXRD, XPS etc	<a href="mailto:ankush.vij@ddn.upes.ac.in">ankush.vij@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-ankush-vij">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-ankush-vij</a>
10	<b>Dr. Amit Kumar Chawla</b>	Associate Professor	Physics	School of Engineering	<b>64</b>	2008	Study of Optical Properties of Nanocrystal line metal and metal oxides thin films	Thin Films & nanoparticles for various purposes (hard coating, hydrophobic coatings, bandgap tuning etc.), Hydrogen Storage materials, Solar Cells	<a href="mailto:akchawla@ddn.upes.ac.in">akchawla@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-amit-kumar-chawla">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-amit-kumar-chawla</a>
11	<b>Dr. Arun Kumar</b>	Professor	Physics	School of Engineering	<b>61</b>	1994	Study of Sheath Induced Nonlinear Phenomena in Laboratory Plasmas" from Institute of Advanced Study in Science & Technology	-	-	-

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
12	<b>Dr. Devendra Pal Singh</b>	Associate Professor	Physics	School of Engineering	<b>60</b>	2010	Investigation of the role of Break-up processes in heavy ion reactions below 7 MeV/nucleon	Nuclear reaction mechanism in light and heavy ion reactions at energies near the Coulomb barrier to the well above it, Wear measurements in various material using thin layer activation technique, production of various radio-nuclides used in medical applications	<a href="mailto:devendrapal@ddn.upes.ac.in">devendrapal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-devendra-pal-singh">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-devendra-pal-singh</a>
13	<b>Dr. Ranjeet Brajpuriya</b>	Professor	Physics	School of Engineering	<b>51</b>	2008	Fe/Al multilayers: Investigation of structural, magnetic and electronic properties	Thin film and Multilayers , Graphene and its application	<a href="mailto:ranjeet.brajpuriya@ddn.upes.ac.in">ranjeet.brajpuriya@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-ranjeet-kumar-brajpuriya">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-ranjeet-kumar-brajpuriya</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
14	<b>Dr. Abhishek Kumar Mishra</b>	Associate Professor	Physics	School of Engineering	<b>51</b>	2009	Vibrational Dynamics & Quantum Chemical calculations of some macromolecular systems	Computational – Condensed matter physics-DFT Calculations, Materials modeling and simulations for Nano electronics, CO <sub>2</sub> capture and conversion, Gas sensors; spintronic materials, photo catalysis, Drug design, battery materials; photovoltaic –solar cells	<a href="mailto:akmishra@ddn.upes.ac.in">akmishra@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-abhishek-kumar-mishra">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-abhishek-kumar-mishra</a>
15	<b>Dr. Prasanta Mandal</b>	Associate Professor	Physics	School of Engineering	<b>46</b>	2008	GROWTH AND OPTICAL STUDIES OF CdS, Cd <sub>x</sub> Zn <sub>1-x</sub> S, CdS/ZnS CORE-SHELL AND DOPED CdS NANOCRYSTALLITES IN ORGANIC LB MULTILAYERS	Photonic and Plasmonic Metamaterials, Solar Cell Energy Devices , Development and characterization of Chemical Sensors using SERS	<a href="mailto:pmandal@ddn.upes.ac.in">pmandal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-prasanta-mandal">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-prasanta-mandal</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
16	<b>Dr. Samar Layek</b>	Assistant Professor	Physics	School of Engineering	<b>40</b>	2014	Structural and Magnetic Properties of Transition Metal Based Oxides/Hydroxides Synthesized Using Specific Methods	1. High-pressure physics 2. Diamond anvil cells 3. Material Science 4. Mechano-synthesis 5. Mössbauer Spectroscopy 6. Structural and electronic transition 7. Magnetism and superconductivity 8. Magnetic nanoparticles	<a href="mailto:samar.layek@ddn.upes.ac.in">samar.layek@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-samar-layek">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-samar-layek</a>
17	<b>Dr. Manjeet Singh Goyat</b>	Associate Professor	Physics	School of Engineering	<b>38</b>	2014	Influence of oxide nanoparticles on physical and mechanical characteristics of adhesive	Polymer matrix nanocomposites , Self-healing polymer matrix composites, Superhydrophobic coatings for corrosion resistance and oil-water separation application	<a href="mailto:msgoyat@ddn.upes.ac.in">msgoyat@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-manjeet-singh-goyat">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-manjeet-singh-goyat</a>
18	<b>Dr. Amit Awasthi</b>	Assistant Professor	Physics	School of Engineering	<b>35</b>	2011	Study of human respiratory functions in relation to crop residue burning	Atmospheric/Environmental Sciences , Air Monitoring and Exposure Studies , Aerosol Physical Properties and Climate Change	<a href="mailto:aawasthi@ddn.upes.ac.in">aawasthi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-amit-awasthi">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-amit-awasthi</a>



## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
19	<b>Dr. Ashish Kumar</b>	Assistant Professor	Physics	School of Engineering	<b>32</b>	2003	Study of metal semiconductor contacts in GaN based devices	Organic and flexible Thermoelectric generators, Wide bandgap Semiconductor devices for power applications, Defects in semiconductor	<a href="mailto:Ashish.kumar@ddn.upes.ac.in">Ashish.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-ashish-kumar-sharma">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-ashish-kumar-sharma</a>
20	<b>Dr. Sachin Pathak</b>	Associate Professor	Physics	School of Engineering	<b>24</b>	2014	Magnetic Materials for GHz Frequency Device	Spintronics devices for magnetic data storage , Magnetic Field Sensors , Condensed Matter Physics: Magnetic Nanomaterials , Micro-magnetic Simulation of Magnetic nanomaterials	<a href="mailto:s.pathak@ddn.upes.ac.in">s.pathak@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/sachin-pathak">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/sachin-pathak</a>
21	<b>Dr. Prashant Shambhud ayal Rawat</b>	Associate Professor	Physics	School of Engineering	<b>22</b>	1999	Measurement of Electron Scattering Cross Sections of Molecules at Low Energies	INTENSE RADIATION - MATTER INTERACTION (EXP.), ELECTRON SCATTERING (LOW AND INTERMEDIATE ENERGIES – EXP.) , DISSOCIATIVE ELECTRON ATTACHMENT (EXP.)	<a href="mailto:psrawat@ddn.upes.ac.in">psrawat@ddn.upes.ac.in</a>	<a href="mailto:santosh.dubey@ddn.upes.ac.in">santosh.dubey@ddn.upes.ac.in</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
22	<b>Dr. Gagan Anand</b>	Professor	Physics	School of Engineering	20	2012	Preparation and electrical properties of bismuth layered structured ferroelectrics	Dielectric materials for high temperature sensor applications, Piezoelectric energy harvesting devices, Rheological and tribological properties of Bio/Nano lubricants	<a href="mailto:ganand@ddn.upes.ac.in">ganand@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-gagan-anand">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-gagan-anand</a>
23	<b>Dr. Santosh Dubey</b>	Professor	Physics	School of Engineering	20	2012	Irradiation-induced composition patterns and segregation in binary solid solutions	Modeling & simulation of materials under extreme operating conditions; Synthesis of novel materials having applications in microelectronics, solar PV, etc. using ion beam irradiation; Prediction of performance of solar PV panels in different climatic conditions; reservoir modeling	<a href="mailto:santosh.dubey@ddn.upes.ac.in">santosh.dubey@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-santosh-dubey">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-santosh-dubey</a>
24	<b>Dr. Santosh Kumar Joshi</b>	Associate Professor	Physics	School of Engineering	19	2005	Use of Photoacoustic Spectroscopy technique for Studying the Optical and Thermal Properties of Materials	Computational Physics, Computational Material Science, molecular Dynamics Simulations, Nanotechnology	<a href="mailto:skjoshi@ddn.upes.ac.in">skjoshi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-santosh-kumar-joshi">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-santosh-kumar-joshi</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
25	<b>Dr. Rajeev Kumar Gupta</b>	Professor	Physics	School of Engineering	<b>18</b>	2003	Study of the swift heavy ions induced effect on the radiochemistry and the recrystallization process in the polymeric materials	Nanostructured superhydrophobic coating for the application of anti-dust/ anti icing on solar panels, wind turbine, porcelain insulator and corrosion resistant/ microbial influenced corrosion/ Dr.ag reduction	<a href="mailto:rajeev@ddn.upes.ac.in">rajeev@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-rajeev-kumar-gupta">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-rajeev-kumar-gupta</a>
26	<b>Dr. Ratnesh Pandey</b>	Assistant Professor	Physics	School of Engineering	<b>18</b>	2015	Electronic Sputtering in Fluoride Thin Films	Ion induced modifications in materials, DFT studies of atomic and molecular clusters	<a href="mailto:rpandey@ddn.upes.ac.in">rpandey@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-ratnesh-k-pandey">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-ratnesh-k-pandey</a>
27	<b>Dr. Sarathlal KV</b>	Assistant Professor	Physics	School of Engineering	<b>18</b>	2014	Preparation and study of patterned magnetic thin films	Experimental condensed matter; magnetic nanostructures	<a href="mailto:sarathlal.kv@ddn.upes.ac.in">sarathlal.kv@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-sarathlal-kv">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-sarathlal-kv</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
28	<b>Dr. Archana Dhyani</b>	Assistant Professor	Physics	School of Engineering	12	2009	STUDY OF THE TRANSPORT BEHAVIOUR ACROSS THE SUPERCONDUCTING-QUANTUM DOT JOSEPHSON JUNCTION	Nanoscience and nanoelectronics, Condensed matter physics, citrus waste treatment and management	<a href="mailto:adhyani@ddn.upes.ac.in">adhyani@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-archana-dhyani">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-archana-dhyani</a>
29	<b>Dr. Kailash Pandey</b>	Assistant Professor	Physics	School of Engineering	12	2008	Neutron cross-sections upto 20 MeV for new nuclear energy systems	Theoretical Nuclear Physics, Material Science	<a href="mailto:kpandey@ddn.upes.ac.in">kpandey@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-kailash-pandey">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-kailash-pandey</a>
30	<b>Dr. Kanak Pal Singh Parmar</b>	Assistant Professor	Physics	School of Engineering	12	2006	Oil-dispersions of nano-layered silicates in an external electric field: An experimental study	Nano-structured semiconductor materials for energy and environmental applications, Solar induced water-splitting/ Artificial photosynthesis /H <sub>2</sub> production, Rheology of soft-condensed matters	<a href="mailto:kpsparmar@ddn.upes.ac.in">kpsparmar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-kanak-pal-singh-parmar">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-kanak-pal-singh-parmar</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
31	<b>Dr. Navjot Hothi</b>	Assistant Professor	Physics	School of Engineering	12	2012	Regge trajectories and some non-trivial aspects of QCD	High Energy Physics (Regge trajectories), High Energy Physics (Quantum Chromodynamics), High Energy Physics (Hadron Physics)	nhothi@ddn.upes.ac.in	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-navjot-hothi">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-navjot-hothi</a>
32	<b>Dr. Prateek Bhojane</b>	Assistant Professor	Physics	School of Engineering	9	2019	Experimental investigation of transition metal-based materials for electrochemical energy storage application	1. Electrochemical Energy Storage Systems: Batteries and Supercapacitors 2. Electrochemistry/Materials Science/Nanoscience and Nanotechnology 3.	<a href="mailto:prateek.bhojane@ddn.upes.ac.in">prateek.bhojane@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-prateek-bhojane">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-prateek-bhojane</a>
33	<b>Dr. Parswajit Kalita</b>	Assistant Professor	Physics	School of Engineering	8	2020	Grain size & environmental temperature effects on the consequence of ion energy loss in materials: a case study of cubic zirconia	1. Materials Science (Materials for energy – nuclear materials; energy harvesting) 2. Ion irradiation induced effects in materials	<a href="mailto:parswajit.kalita@ddn.upes.ac.in">parswajit.kalita@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-parswajit-kalita">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-parswajit-kalita</a>

## School of Engineering – Applied Science (Physics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
34	<b>Dr. Rishi Dewan</b>	Assistant Professor	Physics	School of Engineering	2	2012	Development of Oleophobic polymer surface induced by ion beam	1.CARBON NANOMATERIAL BASED DRILLING FLUID 2.BLUE ECONOMY FOR SUSTAINABLE GROWTH 3. OLEOPHOBIC/HYDROPHOBIC SURFACES FOR POTENTIAL APPLICATION	<a href="mailto:rishi@ddn.upes.ac.in">rishi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-rishi-dewan">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/physics/dr-rishi-dewan</a>

## School of Engineering – Applied Science (Chemistry)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Pankaj Kumar Thakur</b>	Professor	Chemistry	School of Engineering	73	2000	Electroanalytical Studies on some potentiometric sensors for heavy metals	Ion sensors, Biofuels, Nano-materials	<a href="mailto:pkumar@ddn.upes.ac.in">pkumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-pankaj-kumar">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-pankaj-kumar</a>
2	<b>Dr. Sravendra Rana</b>	Associate Professor	Chemistry	School of Engineering	61	2011	Stimuli-Responsive Polymer Nano-composites Based on Carbon Nanotubes and Conducting Polymers	Self-healing materials/Anti-corrosion coatings, Heterogeneous Catalysis, Nanocomposites, Biomaterials	<a href="mailto:srana@ddn.upes.ac.in">srana@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/sravendra-rana">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/sravendra-rana</a>
3	<b>Dr. Parteek Prasher</b>	Assistant Professor	Chemistry	School of Engineering	61	2015	Rational Design, Synthesis , and Development of Indole based Peptidomimetics as Anti-inflammatory Agents: Appraisal of their Mode of Action	Medicinal Chemistry, Drug Delivery, Biomaterials	<a href="mailto:pprasher@ddn.upes.ac.in">pprasher@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-parteeek-prasher">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-parteeek-prasher</a>
4	<b>Dr. Shefali Arora</b>	Assistant Professor	Chemistry	School of Engineering	49	2003	Synthesis of Heterocyclic compound and their biological and analytical studies	Natural product chemistry, synthesis of heterocyclic compound, Ion selective electrodes	<a href="mailto:shefali.arora@ddn.upes.ac.in">shefali.arora@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-shefali-arora">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-shefali-arora</a>

## School of Engineering – Applied Science (Chemistry)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
5	<b>Dr. Shailey Singhal</b>	Professor	Chemistry	School of Engineering	47	2005	Physico-chemical Studies of Metal Complexes of Sulphur Containing Ligands	Waste management, Catalysis, Bioenergy, Metal oxides	<a href="mailto:shailey@ddn.upes.ac.in">shailey@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-shailey-singhal">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-shailey-singhal</a>
6	<b>Dr. Shikha Wadhwa</b>	Assistant Professor	Chemistry	School of Engineering	46	2011	Synthesis, properties and applications of titania nanostructures	Removal of organic contaminants from water, bio-sensing of analytes using nanomaterials & nanocomposites	<a href="mailto:shikha.wadhwa@ddn.upes.ac.in">shikha.wadhwa@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/shikha-wadhwa">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/shikha-wadhwa</a>
7	<b>Dr. Tridib Kumar Sinha</b>	Assistant Professor	Chemistry	School of Engineering	45	2016	Functionalized Polymer membrane, Graphene and Polymer Nanocomposite based sensors for Tea Quality Evaluation	1- Synthesis, purification and characterization (Organic molecules, polymers, metal nanoparticles (Including oxides and chalcogenides) 2- Sensors and Energy Harvesters (Electrochemical, piezo/Tribo/Pyro/Thermo/Electric) 3- Green Synthesis, Waste recycling 4- Drug Delivery	<a href="mailto:tridib.sinha@ddn.upes.ac.in">tridib.sinha@ddn.upes.ac.in</a>	<a href="https://www.researchgate.net/profile/Tridib-Kumar-Sinha">https://www.researchgate.net/profile/Tridib-Kumar-Sinha</a>



## School of Engineering – Applied Science (Chemistry)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
8	<b>Dr. Sushil Kumar</b>	Assistant Professor	Chemistry	School of Engineering	36	2013	Studies on Ruthenium Chemistry	Luminescent Materials, Photocatalysis , Spectroelectrochemistry	<a href="mailto:sushil.k@ddn.upes.ac.in">sushil.k@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/sushil-kumar-1">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/sushil-kumar-1</a>
9	<b>Dr. Manjeet Singh</b>	Assistant Professor	Chemistry	School of Engineering	30	2010	Synthesis of Ag, Cu, Ag-Cu nanoparticles in presence of different stabilizers: Aggregation and LSPR Studies	Nanomaterials (Nanowire, nanoparticles) Synthesis and Application , Transparent Electrode for Thin Film Solar Cells, Semiconductor Nanocrystal Synthesis and Application in Electronic Devices	<a href="mailto:msingh@ddn.upes.ac.in">msingh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-manjeet-singh">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-manjeet-singh</a>
10	<b>Dr. Bhawna Lamba</b>	Professor	Chemistry	School of Engineering	26	2010	Preparation and characterization of biodiesels from vegetable oils for automotive application	Biodiesel, Biofuels, Waste Management	<a href="mailto:byadav@ddn.upes.ac.in">byadav@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-bhawna-yadav-lamba">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-bhawna-yadav-lamba</a>
11	<b>Dr. Tapas Goswami</b>	Associate Professor	Chemistry	School of Engineering	23	2010	Controlling laser induced photochemistry in supersonic molecular beams and probing ultrafast dynamics in liquid phase		<a href="mailto:tgoswami@ddn.upes.ac.in">tgoswami@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry</a>

## School of Engineering – Applied Science (Chemistry)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
										<a href="#">ry/dr-tapas-goswami</a>
12	<b>Dr. Shilpi Agarwal</b>	Assistant Professor	Chemistry	School of Engineering	22	2016	Studies of physicochemical properties with special reference to lubricity of diesel fuels of two different refineries	Photoinduced Catalyses using Ru-Fe or Ru-Cu molecular assemblies, Ruthenium polypyridyl based complexes for fluorescence of cations, Water oxidation using heterobinuclear Ru-Fe complexes	<a href="mailto:shilpi@ddn.upes.ac.in">shilpi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-shilpi-agarwal">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-shilpi-agarwal</a>
13	<b>Dr. Sanjeev Kumar</b>	Associate Professor	Chemistry	School of Engineering	21	2010	Synthesis and characterization of magnetic nanoparticle	Catalysis, Semiconductors, Synthesis of coupled semiconductor for CO <sub>2</sub> sequestration, Use of nanoparticles in energy studies and fuels., Electrical, Magnetic, and Structural Properties of Nano Materials, Development of simple, mild and efficient route to control the architectures and compositions of nanoferrites.	<a href="mailto:skdubey@ddn.upes.ac.in">skdubey@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-sanjeev-kumar">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-sanjeev-kumar</a>

## School of Engineering – Applied Science (Chemistry)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
14	<b>Dr. Sanjay Kumar</b>	Assistant Professor	Chemistry	School of Engineering	20	2013	Chemical studies on the polysaccharides of some red seaweed species of Indian coast	Biomass to Energy, Chemistry, Material Science, Biosensor	<a href="mailto:sanjay.kumar@ddn.upes.ac.in">sanjay.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-sanjay-kumar">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-sanjay-kumar</a>
15	<b>Dr. Sapna Jain</b>	Assistant Professor	Chemistry	School of Engineering	18	2011	Synthesis characterization and formulation of novel bioactive compounds	synthesis, Microbial activity, Insecticidal activity, biofuels	<a href="mailto:sjain@ddn.upes.ac.in">sjain@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-sapna-jain">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-sapna-jain</a>
16	<b>Dr. Ritesh Dubey</b>	Assistant Professor	Chemistry	School of Engineering	17	2015	Crystal Engineering from molecule to crystal structure landscape	1. Crystal Engineering 2. Supramolecular Chemistry 3. Hydrogen bonded and metal co-ordination self-assemblies	<a href="mailto:ritesh.dubey@ddn.upes.ac.in">ritesh.dubey@ddn.upes.ac.in</a>	<a href="https://www.researchgate.net/profile/Ritesh_Dubey6/amp">https://www.researchgate.net/profile/Ritesh_Dubey6/amp</a>
17	<b>Dr. Kasibotla Sriramachandra Murthy</b>	Associate Professor	Chemistry	School of Engineering	16	1999	Studies on the Solvent Extraction and Gas Chromatography of highly volatile mixed ligand complexes of Lanthanides with Hexafluoroacetylacetone (HFAA) and Tri-n-octylphosphine oxide (TOPO)		<a href="mailto:srmurthy@ddn.upes.ac.in">srmurthy@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-kasibhatta-srmurthy">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-kasibhatta-srmurthy</a>

## School of Engineering – Applied Science (Chemistry)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
18	<b>Dr. Ranjit Kumar</b>	Associate Professor	Chemistry	School of Engineering	15	2008	Heterogeneous Catalytic Application of Octahedral Molecular Sieves of Manganese Oxides – Oxidation, Nitration and Condensation Reactions	Synthesis of nanomaterials and catalytic applications, Functionalization of metal oxides	<a href="mailto:ranjit.kumar@ddn.upes.ac.in">ranjit.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-ranjit-kumar-1">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-ranjit-kumar-1</a>
19	<b>Dr. Katlakanti Mohan Reddy</b>	Associate Professor	Chemistry	School of Engineering	14	2013	Study on preparation and photocatalysis performance of silver doped and silver deposited TiO <sub>2</sub> nanoparticles for organic pollutant	synthesis and characterization of nanoparticles of metal oxide, Microwave synthesis of nanocomposites for catalysis, semiconductor mediated nanomaterials for photocatalysis	<a href="mailto:kmreddy@ddn.upes.ac.in">kmreddy@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-k-mohan-reddy">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-k-mohan-reddy</a>
20	<b>Dr. Mamta Latwal</b>	Assistant Professor	Chemistry	School of Engineering	12	2013	Electrocatalytic potential of nanoscaled metal hexacyanoferrate-CNT composites and its application in voltammetric detection of paracetamol, salbutamol and morphine	Nanomaterials, Drug sensors, catalysis	<a href="mailto:mlatwal@ddn.upes.ac.in">mlatwal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-mamta-latwal">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/chemistry/dr-mamta-latwal</a>

## School of Engineering – Applied Science (Chemistry)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
21	<b>Dr. Jimmy Mangalam</b>	Assistant Professor	Chemistry	School of Engineering	7	2019	Lead halide perovskite solar cells: fabrication challenges & interface modification using phosphonic acid self-assembled monolayers.	1. Photovoltaics (perovskite solar cells), 2. Semiconductor device fabrication and characterization 3. Opto-electronic properties of semiconductors for nanoelectronic applications	<a href="mailto:jimmy.mangalam@ddn.upes.ac.in">jimmy.mangalam@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/jimmy-mangalam">https://www.upes.ac.in/schools-faculty/engineering/chemical/jimmy-mangalam</a>

## School of Engineering – Applied Science (Mathematics)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Anupam Bhandari</b>	Associate Professor	Mathematics	School of Engineering	27	2014	in Differentiable Manifolds	Ferrohydrodynamics, Nanofluid, Mathematical Modeling	<a href="mailto:abhandari@ddn.upes.ac.in">abhandari@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-anupam-bhandari">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-anupam-bhandari</a>
2	<b>Dr. Sangeeta Pant</b>	Assistant Professor	Mathematics	School of Engineering	22	2011	Particle Swarm Intelligence Based Optimization Technique for Improving System Reliability	Nature inspired optimization Algorithms, Multiple-criteria Decision making	<a href="mailto:spant@ddn.upes.ac.in">spant@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-sangeeta-pant">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-sangeeta-pant</a>
3	<b>Dr. Anuj Kumar</b>	Associate Professor	Mathematics	School of Engineering	20	2008	Analysis of time series and stock market behavior using wavelet methods	1. Reliability Theory 2. Nature inspired optimization algorithms 3. Wavelet theory 4. MCDM	<a href="mailto:anujkumar@ddn.upes.ac.in">anujkumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-anuj-kumar">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-anuj-kumar</a>
4	<b>Dr. Sanoj Kumar</b>	Assistant Professor	Mathematics	School of Engineering	20	2013	Robust Estimation of Optical flow and Disparity Map from Image Sequences	Image Processing, Cryptography and Image Watermarking, Computer Vision	<a href="mailto:sanoj.kumar@ddn.upes.ac.in">sanoj.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-sanoj-kumar">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-sanoj-kumar</a>

## School of Engineering – Applied Science (Mathematics)

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
5	<b>Dr. Akmal Husain</b>	Assistant Professor	Mathematics	School of Engineering	17	2010	Some investigations Concerning Propagation of Nonlinear waves in Gas-dynamics	Analytical and Numerical Solution of Nonlinear Wave Problem in Gasdynamics, Lie Group Invariance Analysis for Nonlinear PDEs	<a href="mailto:ahusain@ddn.upes.ac.in">ahusain@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-akmal-husain">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-akmal-husain</a>
6	<b>Dr. Maheshwar Pathak</b>	Assistant Professor	Mathematics	School of Engineering	17	2011	A Study of Basic Hypergeometric Function and Its Applications	Numerical Analysis, Partial Differential Equations, Computational Mathematics	<a href="mailto:mpathak@ddn.upes.ac.in">mpathak@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-maheshwar-pathak">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-maheshwar-pathak</a>
7	<b>Dr. Monika Manglik</b>	Assistant Professor	Mathematics	School of Engineering	16	2014	Reliability Analysis for complex systems under operating conditions and coverage factor	Applied Mathematics, Statistics	<a href="mailto:mmanglik@ddn.upes.ac.in">mmanglik@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-monika-manglik">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-monika-manglik</a>
8	<b>Dr. Sandeep Dixit</b>	Assistant Professor	Mathematics	School of Engineering	15	2011	Abel Inversion and solution of certain variational and non linear problems using Bernstein operational matrices	Integral Equation, Wavelet based operational matrix, Differential Equation	<a href="mailto:sdixit@ddn.upes.ac.in">sdixit@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-sandeep-dixit">https://www.upes.ac.in/schools-faculty/department-of-applied-sciences-and-humanities/mathematics/dr-sandeep-dixit</a>



## School of Engineering – Applied Science (Mathematics)

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
9	<b>Dr. Pratibha Joshi</b>	Assistant Professor	Mathematics	School of Engineering	13	2011	Mathematical Modelling and Computer Simulation of Elliptic Interface Problems Arising in Steady State Heat Conduction in Composite Systems	Numerical Analysis , Computational Mathematics, Nonlinear equations	<a href="mailto:pratibha.joshi@ddn.upes.ac.in">pratibha.joshi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/departments-of-applied-sciences-and-humanities/mathematics/dr-pratibha-joshi">https://www.upes.ac.in/schools-faculty/departments-of-applied-sciences-and-humanities/mathematics/dr-pratibha-joshi</a>
10	<b>Dr. Manoj Kumar Singh</b>	Assistant Professor	Mathematics	School of Engineering	9	2016	Geostatistical and Bayesian Methods to Study Space-time Variability in Satellite-based Atmospheric and Oceanic Datasets	Data analysis based on satellites data sets , Statistical Machine Learning , Image Processing and climate science	<a href="mailto:mkumar@ddn.upes.ac.in">mkumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/departments-of-applied-sciences-and-humanities/mathematics/dr-manoj-kumar-singh">https://www.upes.ac.in/schools-faculty/departments-of-applied-sciences-and-humanities/mathematics/dr-manoj-kumar-singh</a>



## School of Engineering

### School of Engineering – Electrical Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Adesh Kumar</b>	Associate Professor	Electrical	School of Engineering	98	2014	Design, Validation and FPGA Implementation of Multistage Telecommunication Networks in HDL Environment	VLSI Design, Embedded Systems, Telecommunications	<a href="mailto:adeshkumar@ddn.upes.ac.in">adeshkumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-adesh-kumar">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-adesh-kumar</a>
2	<b>Dr. Piyush Kuchhal</b>	Professor	Electrical	School of Engineering	80	2000	Temperature Dependent Equation of State and Its Applications in Condensed Matter	Solar Photovoltaics; Modeling, simulation and characterization, Electromagnetic field Applications; Design and characterization of Microwave devices, Rheological and Tribological modeling and Characterization of fluids	<a href="mailto:pkuchhal@ddn.upes.ac.in">pkuchhal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/departments-of-applied-sciences-and-humanities/physics/dr-piyush-kuchhal">https://www.upes.ac.in/schools-faculty/departments-of-applied-sciences-and-humanities/physics/dr-piyush-kuchhal</a>
3	<b>Dr. Rupendra Kumar Pachauri</b>	Assistant Professor	Electrical	School of Engineering	80	2016	STUDIES ON PERFORMANCE IMPROVEMENT OF HYBRID POWER GENERATION SYSTEMS	Solar photovoltaic performance enhancement (Stand – alone mode), Hybrid PV/FC/WT power generation system (grid connected & off grid), Artificial Intelligence and Machine learning applications in RE Power system	<a href="mailto:rpachauri@ddn.upes.ac.in">rpachauri@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-rupendra-kumar-pachauri">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-rupendra-kumar-pachauri</a>

## School of Engineering – Electrical Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
4	<b>Dr. Sushabhan Choudhury</b>	Professor	Electrical	School of Engineering	70	2016	Smart Control of Environmental Parameters for Rural Developments using Wearable Computing	WSN, Embedded System, IoT, VLSI, Nanoelectronics, Solar Energy	<a href="mailto:schoudhury@ddn.upes.ac.in">schoudhury@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-sushabhan-choudhury">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-sushabhan-choudhury</a>
5	<b>Dr. Devender Kumar Saini</b>	Associate professor	Electrical	School of Engineering	40	2013	Some approached for order reduction of linear interval system & controller design	Resiliency enhancement of Distribution grid , System optimization , Fault Detection & Protection	<a href="mailto:dksaini@ddn.upes.ac.in">dksaini@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-devender-kumar-saini">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-devender-kumar-saini</a>
6	<b>Dr. Mukul Kumar Gupta</b>	Assistant Professor	Electrical	School of Engineering	40	2015	Design and Modelling of nonlinear dynamical system	Nonlinear control and Robotics ,Machine Learning and Intelligent System , Multiagent system	<a href="mailto:mkgupta@ddn.upes.ac.in">mkgupta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-mukul-kumar-gupta">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-mukul-kumar-gupta</a>
7	<b>Dr. Ranjan Mishra</b>	Associate Professor	Electrical	School of Engineering	38	2016	Design of Specific Ultra Wide Band Antenna for Satellite Communication	1. 5G Communication – Spectrum, System Design.2Design and characterization of Microstrip Antenna for Wireless Communication. 3. Frequency Selective Surface	<a href="mailto:rmishra@ddn.upes.ac.in">rmishra@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-ranjan-mishra">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-ranjan-mishra</a>

## School of Engineering – Electrical Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
8	<b>Dr. Madhu Sharma</b>	Associate Professor	Electrical	School of Engineering	29	2016	Improvement in Efficiency of Solar Photovoltaic Power System through Heat Extraction	Solar PV and Solar Thermal, Renewable Energy , Energy Efficiency, Power System, Electrical Engineering , Sustainability, Energy Management	<a href="mailto:madhusharma@ddn.upes.ac.in">madhusharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-madhu-sharma">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-madhu-sharma</a>
9	<b>Dr. Abhinav Sharma</b>	Assistant Professor	Electrical	School of Engineering	24	2016	Metaheuristic Approaches for Adaptive Array Signal Processing in Smart Antenna	Signal Processing and Communication, RF and Microwave, Artificial Intelligence and Machine Learning , Optimization Techniques	<a href="mailto:abhinav.sharma@ddn.upes.ac.in">abhinav.sharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-abhinav-sharma">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-abhinav-sharma</a>
10	<b>Dr. Vibhu Jatly</b>	Assistant Professor	Electrical	School of Engineering	11	2017	Design, Development and Performance Investigation of a Boost Converter based MPPT Controller for Photovoltaic Systems	Power electronics applications in Photovoltaic Systems, Converter control strategies for distributed generation systems, Converter topologies pertaining to renewable energy sources	<a href="mailto:Vibhu.jatly@ddn.upes.ac.in">Vibhu.jatly@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-vibhu-jatly">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-vibhu-jatly</a>
11	<b>Dr. Abhishek Kumar Awasthi</b>	Assistant Professor	Electrical	School of Engineering	11	2018	Performance enhancement of Antenna array using inter element coupling	1- Antenna and Phased Array for radar and airborne applications 2- Wearable Antenna Design for biomedical applications 3- Microwave Radar & Remote sensing	<a href="mailto:abhishek.awasthi@ddn.upes.ac.in">abhishek.awasthi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/abhishek-kumar-awasthi">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/abhishek-kumar-awasthi</a>

## School of Engineering – Electrical Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
12	<b>Dr. Surajit Mondal</b>	Assistant Professor	Electrical	School of Engineering	6	2020	Experimental Investigations on Pyrolysis of different Biomass using Solar Energy	1.Applications of Solar Energy and Solar Thermal Energy 2.Alternate Energy Technologies 3.Wireless Area Network	<a href="mailto:smondal@ddn.upes.ac.in">smondal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-surajit-mondal">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/dr-surajit-mondal</a>
13	<b>Dr. Vinay Chowdary</b>	Assistant Professor	Electrical	School of Engineering	5	2020	Design and Implementation of Energy Efficient k-barrier coverage network for rural applications	1. Wireless Sensor Networks (optimization, deployment, communication), Embedded Systems, 2. Energy Efficiency of sensor networks, 3. Internet of Things	<a href="mailto:vchowdary@ddn.upes.ac.in">vchowdary@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/vinay-chowdhary">https://www.upes.ac.in/schools-faculty/engineering/electrical-electronics/vinay-chowdhary</a>

## School of Engineering – Energy Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Dilip Srivastava</b>	Professor	Energy	School of Engineering	30	1982	Geochemical studies of the rock units of Sukma Series around Sukma, District Bastar, M.P with special reference to Migmatistion	Sedimentary Basin Studies, Exploration & Exploitation of Unconventional HyDr.ocarbons, Coal Geology and Coal Bed Methane	<a href="mailto:dksrivastava@ddn.upes.ac.in">dksrivastava@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-d-k-srivastava">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-d-k-srivastava</a>
2	<b>Durga Madhab Mahapatra</b>	Assistant Professor	Energy Cluster	School of Engineering	30	2015	Algal Bioprocess Development for Sustainable Wastewater Treatment and Biofuel Production	1. Bioprocess Engineering 2. Environmental Biotechnology 3. Waste Biorefineries and Valorization	<a href="mailto:dmahapatra@ddn.upes.ac.in">dmahapatra@ddn.upes.ac.in</a>	<a href="https://scholar.google.co.in/citations?user=VwXmreoAAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=VwXmreoAAAAJ&amp;hl=en</a>
3	<b>Dr. Atul Kumar Patidar</b>	Associate Professor	Energy	School of Engineering	35	2010	Neotectonic studies in southern mainland Kachchh using Ground Penetrating Radar (GPR), with special reference to Katrol Hill Fault (KHF)	<ul style="list-style-type: none"> <li>• Energy Conservation &amp; Subsurface Geoexploration (CCUS)</li> <li>• Conventional and Unconventional Hydrocarbon Exploration and Economics</li> <li>• Seismic Interpretation and Basin Analysis</li> <li>• Seismic Geomorphology/ Reservoir Geology</li> <li>• Sustainable Development</li> <li>• Ground Penetrating Radar</li> <li>• Earthquake Studies (Himalaya/ Kachchh Basin)</li> <li>• Neotectonics and Paleoseismology</li> <li>• Quaternary Geology</li> </ul>	<a href="mailto:apatidar@ddn.upes.ac.in">apatidar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-atul-kumar-patidar">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-atul-kumar-patidar</a>

## School of Engineering – Energy Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
4	<b>Dr. Dharmendra Kumar Gupta</b>	Professor	Energy	School of Engineering	22	2011	Study of Wellbore Stability With Varying Borehole Orientation Through Stress Condition Modeling	Drilling Engineering , HSE in O & G Activities, AI & ML Applications	<a href="mailto:dkgupta@ddn.upes.ac.in">dkgupta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-dharmendra-kumar-gupta">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-dharmendra-kumar-gupta</a>
5	<b>Dr. Amit Kumar Thakur</b>	Associate Professor	Energy Cluster	School of Engineering	22	2021	Modelling & Multiobjective Optimization of an Industrial High density polyethylene slurry reactor	1- Liquid antisolvent crystallization; Drug formulation 2- Reactor modelling, simulation and optimization 3- Wastewater treatment	<a href="mailto:akthakur@ddn.upes.ac.in">akthakur@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-amit-kumar-thakur">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-amit-kumar-thakur</a>
6	<b>Dr. Pushpa Sharma</b>	Professor	Energy	School of Engineering	21	1982	Studies on Metal- Metal Sulphide Electrodes of Arsenic Group	Reservoir Modeling and Simulation, EOR/IOR, Artificial Intelligence for Enhancing Oil Recovery in low Salinity Reservoir, 2. Unconventional Methods (Shale Gas, tight gas, Coal Bed Methane, CO2 Sequestration, Gas HyDr.ate), 3. Oil & Gas Field Development, Reservoir Characterization, Petro physical Studies, Reservoir Engineering, 4. Nanotechnology 5. Pipeline Corrosion and Electrochemistry.	<a href="mailto:pushpa.sharma@ddn.upes.ac.in">pushpa.sharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-pushpa-sharma">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-pushpa-sharma</a>

## School of Engineering – Energy Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
7	<b>Dr. Harinandan Kumar</b>	Assistant Professor	Energy	School of Engineering	19	2018	Estimation and Simulation of Gas Permeability as well as Stress-Strain behaviour of some Indian Coal Seam	Coal Characterization, Adsorption/desorption Characterization, Permeability Characterization, Solid Mechanics, Geotechnical Engineering, Thin film coating, composite material, solar thermal	<a href="mailto:hkumar@ddn.upes.ac.in">hkumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-harinandan-kumar">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-harinandan-kumar</a>
8	<b>Dr. Uday Bhan</b>	Associate Professor	Energy	School of Engineering	18	2012	Palaeobiology and Organic Geochemistry of the Semri Group Sediments, Maihar area, Satna District, Madhya Pradesh	Petroleum Geochemistry & Biostratigraphy: Source rock evaluation and HyDr.ocarbon generation potential, Formation Evaluation: Petroleum Reservoir characterization and HyDr.ocarbon flow performance, Sedimentary Basin Analysis: Basin evolution and characterization.	<a href="mailto:ubhan@ddn.upes.ac.in">ubhan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-uday-bhan">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-uday-bhan</a>
9	<b>Dr. Vijay Parthasarthy</b>	Professor	Energy	School of Engineering	15	2013	Post Impact Studies of conducting polymer Dr.ops using inkjet printing for opto-electronics	Transport Phenomena, Adsorption, Process Modeling and Simulation, Energy	<a href="mailto:pvijay@ddn.upes.ac.in">pvijay@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-vijay-parthasarthy">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-vijay-parthasarthy</a>



## School of Engineering – Energy Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
10	<b>Dr. Annapurna Boruah</b>	Associate Professor	Energy	School of Engineering	15	2015	Shale Gas resources of Raniganj Coal Field, Damodar Basin, India	shale gas, tight gas and coal bed methane, Sedimentology and petroleum geology, Stratigraphy and paleontology, Structural geology and mapping, Geomorphology	<a href="mailto:aboruah@ddn.upes.ac.in">aboruah@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-annapurna-boruah">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-annapurna-boruah</a>
11	<b>Dr. Pankaj Kumar Srivastava</b>	Professor	Energy	School of Engineering	14	2007	An Integrated Remote Sensing, Geophysical and GIS based Groundwater Potential Assessment in parts of Bargarh District, Orissa, India	An Integrated approach of natural resource mapping through Remote Sensing & GIS, Algorithm development in Geological and Geophysical problems, Remote Sensing Technology & Development	<a href="mailto:pksrivastava@ddn.upes.ac.in">pksrivastava@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-pankaj-kumar-srivastava">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-pankaj-kumar-srivastava</a>
12	<b>Dr. Murali Pujari</b>	Assistant Professor	Energy	School of Engineering	14	2015	Combinatorial plating characteristics of electroless processes for dense Pd-PSS composite membrane fabrication	Membrane Separation Technology, Adsorption of dyes and heavy metals from waste water, Electro and Electroless plating for deposition of metal films	<a href="mailto:mpujari@ddn.upes.ac.in">mpujari@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-murali-pujari">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-murali-pujari</a>
13	<b>Dr. Nilanjana Banerjee</b>	Assistant Professor	Energy	School of Engineering	13	2016	Modeling of rheological properties for entangled polymer systems	Modeling, Simulation and Reactor Design, CFD and design, Alternate Energy resources	<a href="mailto:nbanerjee@ddn.upes.ac.in">nbanerjee@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-nilanjana-banerjee">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-nilanjana-banerjee</a>



## School of Engineering – Energy Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
14	<b>Dr. Ashutosh Panday</b>	Professor	Energy	School of Engineering	11	2006	Chemical	Recent Developments in Heterogeneous Catalysis for Chemical Conversion of Carbon Di-Oxide to non-Conventional Fuel CHEMICAL CONVERSION OF CO <sub>2</sub> TO VALUE ADDED PRODUCT	<a href="mailto:apanday@ddn.upes.ac.in">apanday@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-ashutosh-pandey">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-ashutosh-pandey</a>
15	<b>Dr. Nirlipta Priyadarshini Nayak</b>	Assistant Professor	Energy	School of Engineering	11	2015	Characterization Driven processing of Indian sub-marginal grade of iron ore for value addition	Mineral Engineering, Mineral Processing, Ore & Mining Geology, Sedimentology	<a href="mailto:npnayak@ddn.upes.ac.in">npnayak@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-nirlipta-priyadarshini-nayak">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-nirlipta-priyadarshini-nayak</a>
16	<b>Dr. J Devaraju</b>	Professor	Energy	School of Engineering	10	1997	Petrology and geochemistry of high grade rocks (granulites) around Virajpet, Karnataka, India	Petrology, Geochemistry, fluid inclusion studies and Rock Mechanics, Petrology and Geochemistry of rock and soils, Petroleum and shale gas exploration	<a href="mailto:devaraju@ddn.upes.ac.in">devaraju@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-j-devaraju">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-j-devaraju</a>
17	<b>Dr. Anupama Mishra</b>	Assistant Professor	Energy	School of Engineering	10	2016	Studies on Catalytic oxidation of diesel soot over Perovskite oxides.	Heterogeneous catalysis, Environmental Chemistry (Vehicular pollution Control), Hydrogen Purification Processes	<a href="mailto:amishra@ddn.upes.ac.in">amishra@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-anupama-mishra">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-anupama-mishra</a>
18	<b>Dr. Seim Timung</b>	Assistant Professor	Energy	School of Engineering	9	2018	Fundamentals and applications of pressure and external field Driven oil-water microflows	Driven oil-water microflows	<a href="mailto:stimung@ddn.upes.ac.in">stimung@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-seim-timung">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-seim-timung</a>

## School of Engineering – Energy Cluster

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
19	<b>Dr. Upendra Singh Yadav</b>	Assistant Professor	Energy	School of Engineering	9	2013	Experimental Studies, Modeling and Simulation of Polymer Gel System for Profile Modification in Petroleum Reservoir Rock	Enhanced Oil Recovery , Drilling Fluids, Flow Assurance	<a href="mailto:usyadav@ddn.upes.ac.in">usyadav@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-upendra-singh-yadav">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-upendra-singh-yadav</a>
20	<b>Dr. Sunil Kumar Khare</b>	Professor	Energy	School of Engineering	8	2000	Petrogenesis of Mangikhuta and Related Volcanics, Central India with special reference to relict clinopyroxene chemistry	Geochemistry , Drilling Engineering (Petroleum engineering)	<a href="mailto:skhare@ddn.upes.ac.in">skhare@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-sunil-kr-khare">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/dr-sunil-kr-khare</a>
21	<b>Dr. Rahul Kumar</b>	Associate Professor	Energy	School of Engineering	7	2017	Modelling of Particle size distribution in supercritical antisolvent process	1.Supercritical fluid processing 2.Antisolvent crystallization 3.Thermodynamic modelling of solubility	<a href="mailto:rahul.kumar@ddn.upes.ac.in">rahul.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-rahul-kumar">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-rahul-kumar</a>
22	<b>Dr. Somenath Ganguly</b>	Assistant Professor	Energy Cluster	School of Engineering	6	2020	Estimation of absolute ground water temprature from 018 fractionation	1. Hyderology 2. Water Chemistry 3. Coal Base Methene	<a href="mailto:sganguly@ddn.upes.ac.in">sganguly@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/somenath-ganguly">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/somenath-ganguly</a>
23	<b>Dr. Govindasamy Gopalakrishnan</b>	Associate Professor	Energy	School of Engineering	9	1995	Synthesis, modification, characterization and catalytic activity of zeolite beta	Catalysis, Biofuels, Waste to Energy and chemicals	<a href="mailto:gopalakrishnan@ddn.upes.ac.in">gopalakrishnan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-g-gopalakrishnan">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-g-gopalakrishnan</a>

## School of Engineering – Energy Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
24	<b>Dr. Vamsi Krishna Kudapa</b>	Assistant Professor	Energy	School of Engineering	4	2018	Petroleum	Involved in ABB-COUNSULTANT PROJECT on Modeling and simulation of gas production from shale gas reservoirs	<a href="mailto:vkudapa@dn.upes.ac.in">vkudapa@dn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/vamsi-krishna-kudapa">https://www.upes.ac.in/schools-faculty/engineering/petroleum-earth-sciences/vamsi-krishna-kudapa</a>
25	<b>Dr. Kumargaurao D. Punase</b>	Assistant Professor	Energy	School of Engineering	3	2020	Steady state modelling, simulation and optimization of hydrogen production from catalytic steam reforming of ethanol	1.Process Modelling, Simulation and Optimization 2.Hydrogen Energy 3.Fuel Cell Technology	<a href="mailto:kgaurav@ddn.upes.ac.in">kgaurav@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/kumargaurao-dnyaneshwar-punase">https://www.upes.ac.in/schools-faculty/engineering/chemical/kumargaurao-dnyaneshwar-punase</a>

## School of Engineering – Mechanical Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Vikas Kumar Saxena</b>	Distinguished Professor	Mechanical	School of Engineering	85	1995	Fatigue Crack Closure Mechanisms- Mechanical Metallurgical Aspects	1. Mechanical & Metallurgical characterization & materials 2. Fatigue, Fracture & Damage Mechanics & Modelling 3. Design, Testing structure integrity and performance analysis of Aerospace and safety critical structures.	<a href="mailto:vikas.saxena@ddn.upes.ac.in">vikas.saxena@ddn.upes.ac.in</a>	
2	<b>Dr. Ajay Kumar</b>	Professor	Mechanical	School of Engineering	40	2014	Simulation Of Vacuum Enhanced Resin Infusion Technology (Verity) Composite Manufacturing Process	Composite Manufacturing Process VARTM/LCM/VERITY, Composite regeneration of Exhaust gases/ CI Engines/DOC/DPF/SCR Technology/Alternate Fuels, Analysis of Mechanical Systems/FEM	<a href="mailto:akumar@ddn.upes.ac.in">akumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-ajay-kumar">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-ajay-kumar</a>
3	<b>Dr. Rajnish Garg</b>	Professor	Mechanical	School of Engineering	35	2001	Development Of Fiber Reinforced Aluminium Alloy Based Metal Matrix Composites	Composite Materials , Thermal Barrier and Wear Resistant Composite Coatings , Rapidly Solidified Alloys, Corrosion, Alternate lubricants and Fuels	<a href="mailto:rgarg@ddn.upes.ac.in">rgarg@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-rajnish-garg">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-rajnish-garg</a>
4	<b>Dr. Om Prakash</b>	Professor	Mechanical	School of Engineering	25	2006	Modeling And Simulation Of Parafoil/Payload System	Flight Dynamics and Control , Modeling and Simulation of Aerial Vehicles, Flight Vehicle Parameter Identification	<a href="mailto:omprakash@ddn.upes.ac.in">omprakash@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-om-prakash">https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-om-prakash</a>

## School of Engineering – Mechanical Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
5	<b>Dr. Ashish Karn</b>	Associate Professor	Mechanical	School of Engineering	77	2016	Bubbly Flow Physics For Applications In Aerated Hydr.Oturbines And Underwater Transport	Thermal – Fluid Sciences and Multiphase flows; Experimental Fluid Mechanics, Heat and Mass Transfer, Renewable Energy, Water and environment-friendly technologies	<a href="mailto:akarn@ddn.upes.ac.in">akarn@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-ashish-karn">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-ashish-karn</a>
6	<b>Dr. Rajesh Maithani</b>	Associate Professor	Mechanical	School of Engineering	55	2017	Heat transfer and friction characteristics of V-Ribs with symmetrical gaps roughened solar air hetaer duct.	Renewable energy, heat transfer in Solar thermal systems, heat exchanges, heat sinks.	<a href="mailto:rmaithani@ddn.upes.ac.in">rmaithani@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-rajesh-maithani">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-rajesh-maithani</a>
7	<b>Dr. Anil Kumar</b>	Associate Professor	Mechanical	School of Engineering	77	2013	Heat And Fluid Flow In Solar Air Heater Duct With Multi V Shaped Ribs With Gap	1.Solar Energy , 2. Nanofluids 3.Computational fluid dynamics (CFD) 4. Hydro and Biomass Energy	<a href="mailto:k.anil@ddn.upes.ac.in">k.anil@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-anil-kumar">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-anil-kumar</a>
8	<b>Dr. Amneesh Singla</b>	Associate Professor	Mechanical	School of Engineering	59	2019	Development & Characterization Of In-Situ Aluminum Alloy Composites For Tribological Applications	Composite Materials, Materials Characterization, Nano materials, Coating, Tribology, Biodiesel & bio lubricants	<a href="mailto:asingla@ddn.upes.ac.in">asingla@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/amneesh-singla">https://www.upes.ac.in/schools-faculty/engineering/mechanical/amneesh-singla</a>
9	<b>Dr. P Suresh Kumar</b>	Associate Professor	Mechanical	School of Engineering	23	2014	Emission Control Studies Of Conventional Engine Fueled With Jatropa Biodiesel, Diesel And Their Blend.	BIOFUELS AND IC ENGINES & Engine Analysis, THERMAL ENGINEERING, RENEWABLE ENERGY SOURCES, REFRIGERATION and AIR CONDITIONING	<a href="mailto:psuresh@ddn.upes.ac.in">psuresh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-p-suresh-kumar">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-p-suresh-kumar</a>

## School of Engineering – Mechanical Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
10	<b>Dr. Deepak Kumar</b>	Associate Professor	Mechanical	School of Engineering	22	2017	Experimental Investigation On Performance And Emission Characteristics Of Direct Injection Diesel Engine Operating On Dual Fuel Mode With Polanga Based Biodiesel And Ethanol	Biofuels, Waste to Energy, Biolubricants, Engine Analysis, Computer Aided Design and Manufacturing.	<a href="mailto:dkumar@ddn.upes.ac.in">dkumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-deepak-kumar">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-deepak-kumar</a>
11	<b>Dr. Rajesh Yadav</b>	Associate Professor	Mechanical	School of Engineering	27	2013	Computational Investigation Of The Effect Of Nose Mounted Devices On The Aerothermodynamics Of Blunt Body Flying At Hypersonic Speeds	Low Reynolds Number Aerodynamics ,Compressible Flows/Hypersonic Flows ,Numerical Simulations	<a href="mailto:rajeshyada@ddn.upes.ac.in">rajeshyada@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-rajesh-yadav">https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-rajesh-yadav</a>
12	<b>Dr. Roushan Kumar</b>	Associate Professor	Mechanical	School of Engineering	24	2018	Mathematical Modeling And Modern Control Based Validation Of Automotive Smart Power Window	Automation Technology 2. Automotive Technology 3. E Mobility and Renewable Energy 4. Embedded System application	<a href="mailto:rkumar@ddn.upes.ac.in">rkumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/roushan-kumar">https://www.upes.ac.in/schools-faculty/engineering/mechanical/roushan-kumar</a>
13	<b>Dr. Sudhir Kumar Chaturvedi</b>	Associate Professor	Mechanical	School of Engineering	30	2017	Computational Analysis Of Tsunami Parameter Using R.C	1.RADAR/Microwave remote sensing 2. Guidance & control 3. Target detection using SAR	<a href="mailto:sudhir.chaturvedi@ddn.upes.ac.in">sudhir.chaturvedi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-">https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-</a>

## School of Engineering – Mechanical Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
										<a href="#">sudhir-kumar-chaturvedi</a>
14	<b>Dr. Jitendra Yadav</b>	Associate Professor	Mechanical	School of Engineering	15	2016			<a href="mailto:iyadav@ddn.upes.ac.in">iyadav@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-jitendra-yadav">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-jitendra-yadav</a>
15	<b>Dr. Velidi V.S.S Gurunadh</b>	Associate Professor	Mechanical	School of Engineering	5	2014	Flow And Critically Analysis Of Fast Neutron Kinetics Of Gaseous Core Super Ctrical Reactors In Space Propulsion	1.Combustion Modelling 2. Propulsion, space propulsion 3.Computational fluid dynamics	<a href="mailto:gvssvelidi@ddn.upes.ac.in">gvssvelidi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-velidi-vss-gurunadh">https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-velidi-vss-gurunadh</a>
16	<b>Dr. Swapnil Suresh Chandra Bhurat</b>	Assistant Professor	Mechanical	School of Engineering	25	2021	Development Of Pcci Engine Operating On Vcr With Vapourised Diesel	1.Advanced IC engines - PCCI and HCCI (Operating on hydrogen, CNG, Plastic oil) 2- Bio-Fuel Production (Hydrogen and Plastic Oil) 3. Renewable Energy	<a href="mailto:sbhurat@ddn.upes.ac.in">sbhurat@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/swapnil-suresh-chandra-bhurat">https://www.upes.ac.in/schools-faculty/engineering/mechanical/swapnil-suresh-chandra-bhurat</a>
17	<b>Dr. Santosh Kumar Kurre</b>	Assistant Professor	Mechanical	School of Engineering	16	2019	Tribological Study Of Direct Injection Diesel Engine Fuelled With Diesel Butanol Blends	1.Engine tribology with biofuel Lubrication and lubricants 2.Surface engineering 3.Biofuels and biolubricant Spectroscopy Vibration analysis	<a href="mailto:skurre@ddn.upes.ac.in">skurre@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/santosh-kumar-kurre">https://www.upes.ac.in/schools-faculty/engineering/mechanical/santosh-kumar-kurre</a>



## School of Engineering – Mechanical Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
18	<b>Dr. Subhankar Das</b>	Assistant Professor	Mechanical	School of Engineering	12	2019	Silanized Carbon Fillers And Its Damage Mitigation Capabilities For Potential Reinforcement In Hybrid Laminates	1. Epoxy nanocomposites, Laminated Composites Materials 2. Surface Engineering and Nano materials 3. Manufacturing Science	<a href="mailto:subhankar.das@ddn.upes.ac.in">subhankar.das@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-subhankar-das">https://www.upes.ac.in/schools-faculty/engineering/mechanical/dr-subhankar-das</a>
19	<b>Dr. Saurabh Kumar</b>	Assistant Professor	Mechanical	School of Engineering	9	2017	Study Of Dynamics Of Functionally Graded Structural Elements Considering Geometric Nonlinearity	Nonlinear dynamics, Functionally graded materials, Vibration control of structures	<a href="mailto:Saurabh.kumar@ddn.upes.ac.in">Saurabh.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/mechanical/saurabh-kumar">https://www.upes.ac.in/schools-faculty/engineering/mechanical/saurabh-kumar</a>
20	<b>Dr. Ashish Mishra</b>	Assistant Professor	Mechanical	School of Engineering	9	2018	A reliability model for a Ti/SiC metal matrix composites	Ballistic impact, Composite Materials, Solid Mechanics , Reliability	<a href="mailto:ashish.mishra@ddn.upes.ac.in">ashish.mishra@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-ashish-mishra">https://www.upes.ac.in/schools-faculty/engineering/aerospace/dr-ashish-mishra</a>



## School of Engineering – Sustainability Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Manish Kumar</b>	Professor	Sustainability	School of Engineering	250	2009	Comparative Assessment Of Potential Mobility Of Heavy Metals In Soakaway Sediment Of Infiltrate Ion Facilities And Soil Using Sequential Extraction And Isotopic Dilution Techniques Development	Hydrogeochemistry, Hydrological Contamination And Emerging Pollutants, Wastewater-Based Epidemiology	<a href="mailto:manish.kumar@ddn.upes.ac.in">manish.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-manish-kumar">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-manish-kumar</a>
2	<b>Dr. Nihal Anwar Siddiqui</b>	Professor	Sustainability	School of Engineering	168	2002	Validation & Updation Of Environmental Impact Assessment With Particular Reference To Cement Industry	Environmental Pollution , Occupational Health, Safety	<a href="mailto:nihal@ddn.upes.ac.in">nihal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-nihal-anwar-siddiqui">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-nihal-anwar-siddiqui</a>
3	<b>Dr. Bikarama Prasad Yadav</b>	Associate Professor	Sustainability	School of Engineering	45	2017	Role Of Inherently Safer Concept In Hazard Identification And Risk Assessment In Viaduct Work: Design Based Approach	Risk Analysis And Management, Construction Safety, Fire Engineering, Process Safety	<a href="mailto:bpyadav@ddn.upes.ac.in">bpyadav@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-bikarama-prasad-yadav">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-bikarama-prasad-yadav</a>
4	<b>Dr. Syed Mohammad Tauseef</b>	Professor	Sustainability	School of Engineering	41	2011	Studies In Process Safety And Environmental Protection – With Special Reference To The Application Of Computational Fluid Dynamics (Cfd)	Process Safety And Environmental Risk Assessment, Waste Mgmt, Chemical And Environmental System Modelling And Design	<a href="mailto:smtauseef@ddn.upes.ac.in">smtauseef@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-syed-mohammad-tauseef">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-syed-mohammad-tauseef</a>

## School of Engineering – Sustainability Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
5	<b>Dr. Tabassum Abbasi</b>	Assistant Professor	Sustainability	School of Engineering	32	2021	Application Of Bioinspired Artificial Intelligence Techniques In The Quantification Of Environmental Impacts	1. Application Of Artificial Intelligence In Environmental Management 2. Development Of Clean-Green And Inexpensive Technology For Pollution Control And Resource Recovery 3. Process Safety And Accident Prevention	<a href="mailto:tabbasi@ddn.upes.ac.in">tabbasi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/tabassum-abbasi">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/tabassum-abbasi</a>
6	<b>Dr. Abhishek Nandan</b>	Assistant Professor	Sustainability	School of Engineering	25	2020	Environmental And Health Impacts Of Printing And Photocopying; Measurement, Evaluation And Mitigation	1. Air Pollution And Control 2. Solid Waste Management 3. Waste And Water Treatment	<a href="mailto:anandan@ddn.upes.ac.in">anandan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/abhishek-nandan">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/abhishek-nandan</a>
7	<b>Dr. Suvendu Manna</b>	Assistant Professor	Sustainability	School of Engineering	25	2015	Fluoride And 2,4-Dichlorophenoxyacetic Acid Removal From Water Using Modified Jute	Environmental Microbiology, Water Treatment And Monitoring, Nano-Composites, 3D Printing Technology In Water Treatment, Waste Minimization	<a href="mailto:smanna@ddn.upes.ac.in">smanna@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-suvendu-manna">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-suvendu-manna</a>

## School of Engineering – Sustainability Cluster

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
8	<b>Dr. Kanchan Bahukhandi</b>	Associate Professor	Sustainability	School of Engineering	16	2011	A Study Of Surface And Groundwater Quality Of Dehra Dun And Haridwar Districts Of Uttarakhand : Impact Assessment Of Urbanization And Industrialization	Water Pollution, Solid Waste Management, Environmental Impact Assessment , Occupational Safety, & Evaluation Of Occupational Health Hazards Of Carbon Nanotubes	<a href="mailto:kanchan@ddn.upes.ac.in">kanchan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-kanchan-deoli-bahukhandi">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/dr-kanchan-deoli-bahukhandi</a>
9	<b>Dr. Madhuben Sharma</b>	Assistant Professor	Sustainability	School of Engineering	2	2019	Surface Water Quality Assessment Of Major Water Bodies In The Himalayan Region	1. Surface Water And Groundwater Quality Assessment By Multivariate Statistical Techniques, Water Quality Indexing And Water Quality Modelling. 2.Solid Waste Management Through Vermicomposting And Bioremediation, 3.Occupational Health And Safety	<a href="mailto:mbsharma@ddn.upes.ac.in">mbsharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/hse-civil/madhuben-sharma">https://www.upes.ac.in/schools-faculty/engineering/hse-civil/madhuben-sharma</a>

## School of Computer Science & Engineering

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Hanumat Sastry G</b>	Professor	Systemics	School of Computer Science & Engineering	24 & 2 Granted Patents	2013	Digital Repositories, Search, Semantic Web And Ai	Optimization, Data Science, Vanet/IoV And Machine Learning	<a href="mailto:hsastry@ddn.upes.ac.in">hsastry@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-hanumat-sastry-g">https://www.upes.ac.in/schools-faculty/computer-science/dr-hanumat-sastry-g</a>
2	<b>Dr. Alok Aggarwal</b>	Professor	Systemics	School of Computer Science & Engineering	125+ & 5 Patents 2 External Projects	2010	Soft Handoff And Capacity Of Cdma Communication Networks	Machine Learning, Artificial Intelligence, Manet, Wireless Sensor Networks, Computer System Architecture	<a href="mailto:alok.aggarwal@ddn.upes.ac.in">alok.aggarwal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-alok-aggarwal">https://www.upes.ac.in/schools-faculty/computer-science/dr-alok-aggarwal</a>
3	<b>Dr. Sunil Gupta</b>	Professor	Systemics	School of Computer Science & Engineering	26	2016	Efficient Access Control In Wsn	Cryptography And Network Security, Cloud Computing, Healthcare	<a href="mailto:s.gupta@ddn.upes.ac.in">s.gupta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/sunil-gupta">https://www.upes.ac.in/schools-faculty/computer-science/sunil-gupta</a>
4	<b>Dr. Shamik Tiwari</b>	Professor	Systemics	School of Computer Science & Engineering	38 & 4 Patents	2015	Blind Restoration Of Blurred Barcode Images	Image Processing, Machine Vision, Data Science, Machine Learning, Deep Learning, Medical Imaging	<a href="mailto:shamik.tiwari@ddn.upes.ac.in">shamik.tiwari@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-shamik-tiwari">https://www.upes.ac.in/schools-faculty/computer-science/dr-shamik-tiwari</a>

## School of Computer Science & Engineering

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
5	<b>Dr. Neelu Jyoti Ahuja</b>	Professor	Systemics	School of Computer Science & Engineering	41 & 5 Funded Projects	2010	Rule-Based Expert System For Seismic Data Interpretation	1- Artificial Intelligence, Machine Learning, Expert Systems, Soft Computing, Intelligent Systems, Tutoring Systems, Learning Systems, Internet Of Things 2. Data Science, Data Mining And Predictive Modeling, Web Mining, Information Retrieval & Extraction 3. Cloud Computing, Software Engineering, Object Modeling, Ict And Applied It Areas	<a href="mailto:neelu@ddn.upes.ac.in">neelu@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-neelu-jyoti-ahuja">https://www.upes.ac.in/schools-faculty/computer-science/dr-neelu-jyoti-ahuja</a>
6	<b>Dr. Ajay Prasad</b>	Professor	Informatics	School of Computer Science & Engineering	SCI-05, Scopus-23, WOS-12 3 Patents	2014	Access Management Using Centralized Access Policies And Monitoring In Cloud Computing	Cyber Security, Iot, Aimi	<a href="mailto:aprasad@ddn.upes.ac.in">aprasad@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-ajay-prasad">https://www.upes.ac.in/schools-faculty/computer-science/dr-ajay-prasad</a>
7	<b>Dr. Rajeev Tiwari</b>	Professor	Informatics	School of Computer Science & Engineering	25	2016	Dynamic Cache Invalidation In Wireless Environments	Wireless Networks, Manet, Vanet, Fog-Edge-Cloud-Iot Computing, Cloud Computing, Iot And Big Data, Machine Learning,	<a href="mailto:rajeev.tiwari@ddn.upes.ac.in">rajeev.tiwari@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-rajeev-tiwari">https://www.upes.ac.in/schools-faculty/computer-science/dr-rajeev-tiwari</a>

## School of Computer Science & Engineering

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
8	<b>Dr. Vijendra Singh</b>	Professor	Informatics	School of Computer Science & Engineering	60 & 4 Patents	2013	Evolving Of Clusters From Multi-Dimensional Data Sets	Artificial Intelligence, Machine Learning, Image Processing, Deep Learning And Big Data	<a href="mailto:vijendra.singh@ddn.upes.ac.in">vijendra.singh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-vijendra-singh">https://www.upes.ac.in/schools-faculty/computer-science/dr-vijendra-singh</a>
9	<b>Dr. Thipendra P Singh</b>	Professor	Informatics	School of Computer Science & Engineering	20 & 02/01(German) Patents	2016	Study Of Recurrent Neural Networks For Pattern Storage And Recall With Evolutionary Algorithms	Pattern Recognition, Hybrid Intelligent Systems, Machine Learning, Machine Vision	<a href="mailto:tpsingh@ddn.upes.ac.in">tpsingh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-thipendra-p-singh">https://www.upes.ac.in/schools-faculty/computer-science/dr-thipendra-p-singh</a>
10	<b>Dr. Pankaj Kumar</b>	Professor	Cybernetics	School of Computer Science & Engineering	7	2004	Multi-Body Tracking And Behavioranalysis	1.Artificial Intelligence, Machine Learning, Data Science2.Computervision3.Image Processing	<a href="mailto:pankaj.k@ddn.upes.ac.in">pankaj.k@ddn.upes.ac.in</a>	<a href="https://www.linkedin.com/in/pankaj-kumar-a67928b2/">https://www.linkedin.com/in/pankaj-kumar-a67928b2/</a>
11	<b>Dr. Jagdish Chandra Patni</b>	Associate Professor	Virtualization	School of Computer Science & Engineering	36 & 13 Patent Published	2016	Efficient Load Balancing Approach In Dynamic Grid Computing Environment	Cloud/Grid Computing, Machine Learning, Iot, Artificial Intelligence	<a href="mailto:jcpatni@ddn.upes.ac.in">jcpatni@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-jagdish-chandra-patni">https://www.upes.ac.in/schools-faculty/computer-science/dr-jagdish-chandra-patni</a>
12	<b>Dr. Adarsh Kumar</b>	Associate Professor	Systemics	School of Computer Science & Engineering	68	2016	A Secure And Lightweight Hierarchical Mobile Ad Hoc Network Manet	Cybersecurity And Cryptography, Dr.One Network, Internet Of Things, Blockchain	<a href="mailto:adarsh.kumar@ddn.upes.ac.in">adarsh.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-adarsh-kumar">https://www.upes.ac.in/schools-faculty/computer-science/dr-adarsh-kumar</a>
13	<b>Dr. Akashdeep Bhardwaj</b>	Associate Professor	Systemics	School of Computer Science & Engineering	25	2018	Designing Secure Architecture To Mitigate Ddos Attacks On Hybrid Clouds	Cybersecurity , Digital Forensics , Iot Security & Malware Attacks	<a href="mailto:abhardwaj@ddn.upes.ac.in">abhardwaj@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-akashdeep-bhardwaj">https://www.upes.ac.in/schools-faculty/computer-science/dr-akashdeep-bhardwaj</a>

## School of Computer Science & Engineering

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
14	<b>Dr. Anurag Jain</b>	Associate Professor	Virtualization	School of Computer Science & Engineering	30+ & 10 published Patents	2017	Secure And Efficient Load Balancing Approach For Cloud Computing Environment	Applications Of Machine Learning And Deep Learning In The Domain Of Societal Interest	<a href="mailto:anurag.jain@ddn.upes.ac.in">anurag.jain@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-anurag-jain">https://www.upes.ac.in/schools-faculty/computer-science/dr-anurag-jain</a>
15	<b>Dr. Deepika Koundal</b>	Associate Professor	Virtualization	School of Computer Science & Engineering	86 & 1 Patent Granted	2016	Automated System For Delineation Of Thyroid Nodules In Ultrasound Images	Artificial Intelligence, Computer Vision & Image Processing, Biomedical Imaging And Signals, Soft Computing, Machine Learning/ Deep Learning, Cyber Physical System	<a href="mailto:dkoundal@ddn.upes.ac.in">dkoundal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-deepika-koundal">https://www.upes.ac.in/schools-faculty/computer-science/dr-deepika-koundal</a>
16	<b>Dr. Manoj Kumar</b>	Associate Professor	Systemics	School of Computer Science & Engineering	29	2019	Digital Image Forgery Detection Using 3D Lighting Fingerprints	Image Processing And Machine Learning, Digital Forensics, Networks	<a href="mailto:m.kumar@ddn.upes.ac.in">m.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-manoj-kumar">https://www.upes.ac.in/schools-faculty/computer-science/dr-manoj-kumar</a>
17	<b>Dr. Ravi Tomar</b>	Associate Professor	Informatics	School of Computer Science & Engineering	67	2020	Efficient Information Dissemination In Vehicular Ad-Hoc Networks Using Intelligent Multicast	Vanets, Networking, IoT, Image Processing And Computer Vision, AI/ML And Bigdata Technologies	<a href="mailto:rtomar@ddn.upes.ac.in">rtomar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/ravi-tomar">https://www.upes.ac.in/schools-faculty/computer-science/ravi-tomar</a>



## School of Computer Science & Engineering

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
18	<b>Dr. Tanupriya Choudhury</b>	Associate Professor	Informatics	School of Computer Science & Engineering	290 & 20 Patents 1 External Funded Project	2016	Soft Computing Based Genetic Modeling And Its Applications In Cancer Research	Data Mining; Soft Computing; Deep Learning; Geo Informatics; Brain Computing; Disease Detection; Cloud Computing; Verifiable Computing	<a href="mailto:tanupriya@ddn.upes.ac.in">tanupriya@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-tanupriya-choudhury">https://www.upes.ac.in/schools-faculty/computer-science/dr-tanupriya-choudhury</a>
19	<b>Dr. Virender Kadyan</b>	Associate Professor	Informatics	School of Computer Science & Engineering	38				<a href="mailto:vkadyan@ddn.upes.ac.in">vkadyan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-virender-kadyan">https://www.upes.ac.in/schools-faculty/computer-science/dr-virender-kadyan</a>
20	<b>Dr. Vinay Avasthi</b>	Associate Professor	Informatics	School of Computer Science & Engineering	50+	2013	Study Component Based Software Engineering Approach In Domain Prospective	Cloud Security, Machine Learning , Software Reusability	<a href="mailto:vavasthi@ddn.upes.ac.in">vavasthi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-vinay-avasthi">https://www.upes.ac.in/schools-faculty/computer-science/dr-vinay-avasthi</a>



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Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
21	<b>Dr. Anil Kumar</b>	Associate Professor	Informatics	School of Computer Science & Engineering	5	2021	Development Of Pattern Analysis And Machine Learning technique For Cancer Diagnosis	Computer Aided Diagnosis System For Cancer Disease (Computer Vision, Image Processing, Machine Learning Models)), Data Processing, Classification And Analysis Of Remote Sensing Satellite Data For Various Applications, Algorithm Design And Model Development For Intelligent System	<a href="mailto:anil.kumar@ddn.upes.ac.in">anil.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/anil-kumar">https://www.upes.ac.in/schools-faculty/computer-science/anil-kumar</a>
22	<b>Dr. Hitesh Kumar Sharma</b>	Associate Professor	Cybernetics	School of Computer Science & Engineering	23	2016	Automated Database Tuning And Administration In Variable Workload Using Dynamic Sga Parameters	Artificial Intelligence, Machine Learning, Deep Learning, Devops, Monolithic/Microservice Architecture, Software Engineering, Image Processing, Medical Image Processing, Gis	<a href="mailto:hksharma@ddn.upes.ac.in">hksharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-hitesh-kumar-sharma">https://www.upes.ac.in/schools-faculty/computer-science/dr-hitesh-kumar-sharma</a>
23	<b>Dr. Lalit Kane</b>	Associate Professor	Cybernetics	School of Computer Science & Engineering	11	2017	Real-Time Static And Dynamic Hand Gesture Recognition Using Depth Data	Human Activity Recognition, Human Computer Interaction And Computer Vision, Depth Sensor And Depth Data Analysis	<a href="mailto:lalit.kane@ddn.upes.ac.in">lalit.kane@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-lalit-kane">https://www.upes.ac.in/schools-faculty/computer-science/dr-lalit-kane</a>

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Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
24	<b>Dr. Mrinal Goswami</b>	Assistant Professor	Systemics	School of Computer Science & Engineering	9	2019	Design And Analysis Of Cost-Efficient Reliable Qca Logic Circuit With Enhanced Reconfigurability	1.Ai In Healthcare2.Cybersecurity Using Machine Learning 3.Emerging Post Cmos Technology (Qca)4. Reversible Logic 5. Hardware Security (Puf)	<a href="mailto:mgoswami@ddn.upes.ac.in">mgoswami@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/mrinal-goswami">https://www.upes.ac.in/schools-faculty/computer-science/mrinal-goswami</a>
25	<b>Dr. Rahul Nijhawan</b>	Assistant Professor	Virtualization	School of Computer Science & Engineering	SCI 8 & 1 Patent	2018	Developing Machine Learning Algorithms For Multispectral Images	1.Image Processing 2.Machine Learning 3.Artificial Intelligence, Computer Vision, Remote Sensing	<a href="mailto:rahul.nijhawan@ddn.upes.ac.in">rahul.nijhawan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-rahul-nijhawan">https://www.upes.ac.in/schools-faculty/computer-science/dr-rahul-nijhawan</a>
26	<b>Dr. Rashmi Sharma</b>	Assistant Professor	Systemics	School of Computer Science & Engineering	26 & 4 Patents	2014	On Information Theoretic Entropy Of Real Time Distributed Systems	Internet Of Things, Computer Vision, Real Time Systems, Distributed Systems, Algorithms	<a href="mailto:rashmi.sharma@ddn.upes.ac.in">rashmi.sharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-rashmi-sharma">https://www.upes.ac.in/schools-faculty/computer-science/dr-rashmi-sharma</a>
27	<b>Dr. Susheela Dahiya</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	6	2015	Development Of An Approach For Building Extraction Using Satellite Images	Image Processing, Network Security , Data Mining	<a href="mailto:sdahiya@ddn.upes.ac.in">sdahiya@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-susheela-dahiya">https://www.upes.ac.in/schools-faculty/computer-science/dr-susheela-dahiya</a>
28	<b>Dr. Mrinal Goswami</b>	Assistant Professor	Systemics	School of Computer Science & Engineering	9	2019	Design And Analysis Of Cost Efficient Reliable Qca Logiccircuit With Enhanced Reconfigurability	1.Ai In Healthcare2.Cybersecurity Using Machine Learning 3.Emerging Post Cmos Technology (Qca)4. Reversible Logic 5. Hardware Security (Puf)	<a href="mailto:mgoswami@ddn.upes.ac.in">mgoswami@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/mrinal-goswami">https://www.upes.ac.in/schools-faculty/computer-science/mrinal-goswami</a>

## School of Computer Science & Engineering

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
29	<b>Dr. Jitendra Rajpurohit</b>	Assistant Professor	Systemic	School of Computer Science & Engineering	3	2020	Hybridized Stochastic Algorithms For Engineering Design Problems	1.Nature Inspired Computing 2.Metaheuristic Optimization 3.Stochastic Algorithms And Their Applications	<a href="mailto:irajpurohit@ddn.upes.ac.in">irajpurohit@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-jitendra-rajpurohit">https://www.upes.ac.in/schools-faculty/computer-science/dr-jitendra-rajpurohit</a>
30	<b>Dr. Inder Singh</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	37	2013	Assessment Of Determinants Of Employee Adoption Of E-Procurement System	Big Data And Analytics, Ai/ML, IoT, Computer Networks, Cloud Computing	<a href="mailto:inder@ddn.upes.ac.in">inder@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-inder-singh">https://www.upes.ac.in/schools-faculty/computer-science/dr-inder-singh</a>
31	<b>Dr. Kingshuk Srivastava</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	21	2014	Real Time Data Integration Architecture For Hydr.Ocarbon E&P Data Consolidation	1.Artificial Intelligence2.Data Science3.Business Analytics 4. Big Data	<a href="mailto:ksrivastava@ddn.upes.ac.in">ksrivastava@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-kingshuk-srivastava">https://www.upes.ac.in/schools-faculty/computer-science/dr-kingshuk-srivastava</a>
32	<b>Dr. Sujoy Chatterjee</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	21	2018	Judgment Analysis Based On Crowdsourced Opinions	Crowdsourcing, Data Mining And Machine Learning	<a href="mailto:sujoy.chatterjee@ddn.upes.ac.in">sujoy.chatterjee@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-sujoy-chatterjee">https://www.upes.ac.in/schools-faculty/computer-science/dr-sujoy-chatterjee</a>
33	<b>Dr. Prateek Gupta</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	5	2019	Performance Evaluation And Optimization Of Clustering Protocols In Wsns	1. Wireless Sensor Networks And IoT 2. Bio-Inspired And Metaheuristics Techniques 3. Fuzzy Logic Systems 4. Machine Learning	<a href="mailto:p.gupta@ddn.upes.ac.in">p.gupta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/mr-prateek-gupta">https://www.upes.ac.in/schools-faculty/computer-science/mr-prateek-gupta</a>

## School of Computer Science & Engineering

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
34	<b>Dr. Piyush Chauhan</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	12	2014	On Efficiency Of Grid Computing Scheduling Algorithms	1.Parallel,Distributed And Grid Computing2.Geo-Computing3.Ai/ML,Analytics4. Mobile Applications	<a href="mailto:pchauhan@ddn.upes.ac.in">pchauhan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-piyush-chauhan">https://www.upes.ac.in/schools-faculty/computer-science/dr-piyush-chauhan</a>
35	<b>Dr. Shaurya Gupta</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	2	2020	Delay Tolerant Network Enabled Routing Protocol Optimization In Vehicular Ad Hoc Networks	1.Bigdata Analytics2.Machine Learning And Algorithms3.Healthcare Data Management	<a href="mailto:shaurya.gupta@ddn.upes.ac.in">shaurya.gupta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-shaurya-gupta">https://www.upes.ac.in/schools-faculty/computer-science/dr-shaurya-gupta</a>
36	<b>Dr. Amit Verma</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	5	2020	Multi-State Logic For Computation.	1.Machine Learning2.Deep Learning3.Algorithms	<a href="mailto:amit.verma@ddn.upes.ac.in">amit.verma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/amit-verma">https://www.upes.ac.in/schools-faculty/computer-science/amit-verma</a>
37	<b>Dr. Tarandeep Kaur Bhatia</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	12	2021	Data Congestion In Vehicular Ad-Hoc Networks	1. Vanets, Fanets (Networking) 2. Security 3. Software Engineering 4. Agile Software Engineering 5. Internet Of Things 6. Bigdata 7. Artificial Intelligence	<a href="mailto:tarandeep.bhatia@ddn.upes.ac.in">tarandeep.bhatia@ddn.upes.ac.in</a>	<a href="https://upes.irins.org/faculty/index/Department+of+Informatics">https://upes.irins.org/faculty/index/Department+of+Informatics</a>

## School of Computer Science & Engineering

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
38	<b>Dr. Ashutosh Sharma</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	60	2020	And Planning network Architecture	1-Data-Driven Energy Trading Methods For Sustainable Smart Grids And Smart Cities 2- Ai Enabled Secure And Intelligent Transport System In Smart Cities And Societies 3- Reliability Engineering, Iot, Routing In Computer Network, Mission Critical Services	<a href="mailto:ashutosh.sharma@ddn.upes.ac.in">ashutosh.sharma@ddn.upes.ac.in</a>	-
39	<b>Dr. Shashi Bhushan</b>	Assistant Professor	Informatics	School of Computer Science & Engineering	5	2020	Improvement In Quality Of Services Of Wireless Sensor Networks Using A New Novel Approach	1.Wireless Sensor Network 2.Deep Learning 3.Internet Of Things	<a href="mailto:sbhushan@ddn.upes.ac.in">sbhushan@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/mr-shashi-bhushan">https://www.upes.ac.in/schools-faculty/computer-science/mr-shashi-bhushan</a>
40	<b>Dr. Gourav Bathla</b>	Assistant Professor	Cybernetics	School of Computer Science & Engineering	SCI- 7, SCOPUS - 20 & 4 Patents published	2020	An Efficient Technique For Mining Of Big Data	Machine Learning, Nlp, Big Data	<a href="mailto:gbathla@ddn.upes.ac.in">gbathla@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-gourav-bathla">https://www.upes.ac.in/schools-faculty/computer-science/dr-gourav-bathla</a>
41	<b>Dr. Kaushik Ghosh</b>	Assistant Professor	Cybernetics	School of Computer Science & Engineering	SCI-2 & 8 Patents	2018	An Energy Efficient Solution For Prolonging The Lifetime Of Multi-Sink Wireless Sensor Network	Wireless Sensor Networks Machine Learning Internet Of Things	<a href="mailto:kghosh@ddn.upes.ac.in">kghosh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/kaushik-ghosh">https://www.upes.ac.in/schools-faculty/computer-science/kaushik-ghosh</a>

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Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
42	<b>Dr. Ved Prakash Bhardwaj</b>	Assistant Professor	Cybernetics	School of Computer Science & Engineering	15 & 4 Granted 2 Published	2014	On Efficiency of Multi-Stage Interconnection Networks	1.Parallel and Distributed Computing2.IoT, Graph Network Analysis3.AI/ML	<a href="mailto:vpbharadwaj@ddn.upes.ac.in">vpbharadwaj@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-ved-prakash-bhardwaj">https://www.upes.ac.in/schools-faculty/computer-science/dr-ved-prakash-bhardwaj</a>
43	<b>Dr. Rohit Srivastava</b>	Assistant Professor	Cybernetics	School of Computer Science & Engineering	9	2019	Design A Framework For Authentication Of Human Through Triple Levelbiometric Fusion Using Artificial Neural Networks	1.Artificial Intelligence2.Image Processing3.Biometric Pattern Recognition	<a href="mailto:r.srivastava@ddn.upes.ac.in">r.srivastava@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/rohit-srivastava">https://www.upes.ac.in/schools-faculty/computer-science/rohit-srivastava</a>
44	<b>Dr. Sonali Vyas</b>	Assistant Professor	Cybernetics	School of Computer Science & Engineering	5	2016	Analysis And Design Of Virtualization Technique For Distributed Database Using Xml Schema.	1.Data Analytics And Mining2.Machine Learning And Algorithms3.Healthcare Informatics	<a href="mailto:svyas@ddn.upes.ac.in">svyas@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/sonali-vyas">https://www.upes.ac.in/schools-faculty/computer-science/sonali-vyas</a>
45	<b>Dr. Dharendra Sharma</b>	Assistant Professor	Cybernetics	School of Computer Science & Engineering	6	2016	Study And Developmentof Route Maintenancetec hniques For Manets	1- Computer Networks 2- Wireless Sensor Networks 3- Uav Communication	<a href="mailto:dk.sharma@ddn.upes.ac.in">dk.sharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/dr-dhirendra-kumar-sharma">https://www.upes.ac.in/schools-faculty/computer-science/dr-dhirendra-kumar-sharma</a>
46	<b>Dr. Pardeep Singh</b>	Assistant Professor	Cybernetics	School of Computer Science & Engineering	3	2021	Energy Efficient Scheduling Basedon Heuristic Algorithms In Cloud	1.Cloud Computing & Virtualization2.Fog/Edge Computing & lot3.Application Of Nature-Inspired Evolutionary Algorithms And Heuristics	<a href="mailto:pradeepsingh@ddn.upes.ac.in">pradeepsingh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/pardeep-singh">https://www.upes.ac.in/schools-faculty/computer-science/pardeep-singh</a>



## School of Computer Science & Engineering

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							Computing Environment			
47	<b>Dr. Mitali Chugh</b>	Assistant Professor	Cybernetics	School of Computer Science & Engineering	2	2021	Evaluation and Analysis Of Best Practices Of Knowledge Management For Spi-A Model-Based approach	1. Software Engineering 2. AI And ML 3. Database Management Systems And Data Mining	<a href="mailto:mchugh@ddn.upes.ac.in">mchugh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/mitali-chugh">https://www.upes.ac.in/schools-faculty/computer-science/mitali-chugh</a>
48	<b>Dr. Rohit Tanwar</b>	Associate Professor	Systemics	School of Computer Science & Engineering	4 & 3 Patents (Granted)	2019	Optimization in Audio Steganography	1. Network Security 2. IoT and Wireless Sensor Networks 3. Advancement in Healthcare Practices	<a href="mailto:r.tanwar@ddn.upes.ac.in">r.tanwar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/computer-science/rohit-tanwar">https://www.upes.ac.in/schools-faculty/computer-science/rohit-tanwar</a>

## School of Health Science & Technology

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Dhruv Kumar</b>	Senior Associate Professor	Allied Health Sciences	School of Health Science & Technology	64	2012	Atomic force microscopy studies of the amyloidogenic processes of intrinsically unstructured proteins related to neurodegenerative disease	1. Cancer Biology, Cancer Metabolism, Biotechnology, Bioinformatics, Cancer Stem Cells 2. Stem Cells, Molecular Medicine, Drug Designing, Drug Discovery 3. Nano-Biotechnology	<a href="mailto:dhruv.kumar@ddn.upes.ac.in">dhruv.kumar@ddn.upes.ac.in</a>	<a href="https://scholar.google.co.in/citations?user=afOWPrgAAAJ&amp;hl=en">https://scholar.google.co.in/citations?user=afOWPrgAAAJ&amp;hl=en</a>
2	<b>Dr. Dipak Maity</b>	Associate Professor	Energy	School of Engineering	50	2011	Magnetic Nanoparticles for Biomedical Applications	Synthesis & Characterization of Nanomaterials/Nanoparticles and their Applications, Green Synthesis of Nanoparticles for Anticancer/Biomedical/Nanomedicine Applications, Metal/Metal Oxide Nanoparticles in Biosensors or Agricultural Applications, Polymeric Nanoparticles in Drug Delivery and Cancer Theranostics	<a href="mailto:dipak.maity@ddn.upes.ac.in">dipak.maity@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-dipak-maity">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-dipak-maity</a>
3	<b>Dr. Kuldeep Kumar Roy</b>	Associate Professor	Pharmaceutical Sciences	School of Health Science & Technology	39	2012	Design and synthesis of potential Alzheimer's disease (AD) therapeutics and modeling studies on	Discovery and development of novel and/or improved drugs for Diseases/Disorders of unmet need through Medicinal Chemistry,	<a href="mailto:kuldeep.roy@ddn.upes.ac.in">kuldeep.roy@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-</a>



## School of Health Science & Technology

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
							$\beta$ 3-adrenergic receptor ( $\beta$ 3-AR) agonists	Crystal Engineering, Computational Chemistry (Informatics), Drug Design, and other relevant tools		<a href="#">sciences/dr-kuldeep-kumar-roy</a>
4	<b>Dr. Rajendra Awasthi</b>	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	51	2015	Investigation on gastroretentive controlled release drug delivery system for antiulcer and oral hypoglycemic drugs	1. Development of sustained/ controlled release nano-particulate carriers for targeted drug delivery 2. Development of sustained/ controlled release micro-particulate carriers for targeted drug delivery 3. Excipients development for pharmaceutical applications	<a href="mailto:rajendra.awasthi@ddn.upes.ac.in">rajendra.awasthi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-rajendra-awasthi">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-rajendra-awasthi</a>
5	<b>Dr. Jyoti Upadhyay</b>	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	35	2019	Impact Assessment of Persistent Organic Pollutants on the risk of birth defects	Clinical Research, Pharmacology and Toxicology, Maternal and Child Health	<a href="mailto:jupadhyay@ddn.upes.ac.in">jupadhyay@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-jyoti-upadhyay">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-jyoti-upadhyay</a>
6	<b>Dr. Shuchi Upadhyay</b>	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	31	2013	A Study of Nutritional status and lifestyle management of Thyroid patients	Clinical Nutrition and dietetics , Food quality assessment and characterization , Therapeutic nutrition and management	<a href="mailto:shuchi.upadhyay@ddn.upes.ac.in">shuchi.upadhyay@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-shuchi-upadhyay">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-shuchi-upadhyay</a>

## School of Health Science & Technology

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
7	<b>Dr. Utsab Debnath</b>	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	21	2016	Design, Synthesis, Biological evaluation and molecular modelling studies of thiazolidine analogues as anti HIV-1 agents	via New Drug targets computer aided design, lead optimization via organic synthesis, ADC Therapy	<a href="mailto:utsab.debnath@ddn.upes.ac.in">utsab.debnath@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-utsab-debnath">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-utsab-debnath</a>
8	<b>Dr. Sandip Kumar Nandi</b>	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	20	2016	Structure Stability and Molecular Chaperone Function of Mycobacterium leprae HSP18-A Biophysical Study	Protein Biochemistry, Biophysical Chemistry, Spectroscopy	<a href="mailto:sandip.nandi@ddn.upes.ac.in">sandip.nandi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/sandip-k-nandi">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/sandip-k-nandi</a>
9	<b>Dr. Ravinder Kaushik</b>	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	16	2013	Thesis : Development and evaluation vitamin D and calcium fortified milk	Food Fortification with micronutrients and herbs, Cereal processing and bakery products, Development of herbal formulations for diseased conditions	<a href="mailto:ravinder.kaushik@ddn.upes.ac.in">ravinder.kaushik@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-ravinder-kaushik">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-ravinder-kaushik</a>
10	<b>Dr. Sougata Roy Chowdhary</b>	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	15	2014	Exopolysaccharide of riverine-silt bacterial origin: biosynthesis, characterization and evaluation of therapeutic potential	1. Tumor Immunology & Immune Cell Metabolism 2. Metabolic Reprogramming & Immune Cell Plasticity 3. Germinal Centre Dynamics And Antibody Response	<a href="mailto:sougata.roy@ddn.upes.ac.in">sougata.roy@ddn.upes.ac.in</a>	-

## School of Health Science & Technology

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
11	<b>Dr. Raj Kumar Tiwari</b>	Associate Professor	Pharmaceutical Sciences	School of Health Science & Technology	14	2018	Anti-arthritis potential of standardized extract of clerodendrum serratum (L.): A traditional medicinal plant	Natural product chemistry, Standardization and validation of plant metabolites, Biological activity of herbal drugs through traditional claim	<a href="mailto:rktiwari@ddn.upes.ac.in">rktiwari@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-raj-kumar-tiwari">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-raj-kumar-tiwari</a>
12	<b>Dr. Gunjan Vasant Bonde</b>	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	13	2020	Development and evaluation of Lapatinib loaded nanocolloidal micellar drug delivery system for efficient treatment of breast cancer	1. Conventional drug delivery systems e.g. tablet, capsule, solutions, etc. 2. Novel drug delivery systems e.g. nanocarrier based, nanofibers, scaffolds, etc. 3. Treatment of diseases related to cancer, prosthetics, biofilms, etc.	<a href="mailto:gbonde@ddn.upes.ac.in">gbonde@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/bonde-gunjan-vasant">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/bonde-gunjan-vasant</a>
13	<b>Dr. Shubham Dwivedi</b>	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	13	2019	Development, validation, and exploration of novel disease models for autism	Autism, Drug discovery, Pharmacological screening model developments, Nerve cancer interaction	<a href="mailto:shubham.dwivedi@ddn.upes.ac.in">shubham.dwivedi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-shubham-dwivedi">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-shubham-dwivedi</a>
14	<b>Dr. Nishu Goyal Bansal</b>	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	10	2016	In silico Modeling and Experimental Validation for Improving Methanogenesis	Microbial remediation, Biofuel, -omics data analysis, Metabolic network modeling and optimization,	<a href="mailto:nishu.goyal@ddn.upes.ac.in">nishu.goyal@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-nishu-goyal">https://www.upes.ac.in/schools-faculty/engineering/chemical/dr-nishu-goyal</a>

## School of Health Science & Technology

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
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15	<b>Dr. Snigdha Misra</b>	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	6	2015	Development of Drosophila as an alternative to animal models for assessment and understanding of male reproductive toxicity of xenobiotics	1.Reproductive Toxicology 2.Molecular Biology and Genetics 3.Identification & functional characterization of candidate genes involved in reproductive adversities, and their underlying pathways	<a href="mailto:snigdha.misra@ddn.upes.ac.in">snigdha.misra@ddn.upes.ac.in</a>	<a href="https://scholar.google.com/citations?user=-BleBIMAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=-BleBIMAAAAJ&amp;hl=en</a>
16	<b>Dr. Koushik Das</b>	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	5	2015	Characterization of local isolates of Entamoeba histolytica in India and their pathogenic variability	Novel Drug targets, evolutionary biology, host pathogens interactions	<a href="mailto:koushik.das@ddn.upes.ac.in">koushik.das@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-koushik-das">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-of-health-sciences/dr-koushik-das</a>
17	<b>Dr. Deepika Sharma</b>	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	5	2020	Synthesis, characterization, and antibacterial evaluation of peptides and their poly-N- substituted glycine congeners	1. Antibacterial peptides and peptoides 2. Nano-delivery systems 3. Pharmaceutical formulations	<a href="mailto:deepika.sharma@ddn.upes.ac.in">deepika.sharma@ddn.upes.ac.in</a>	<a href="https://www.linkedin.com/in/dr-deepika-sharma-07a7373a?originalSubdomain=in">https://www.linkedin.com/in/dr-deepika-sharma-07a7373a?originalSubdomain=in</a>
18	<b>Dr. Smriti Arora</b>	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	4	2013	The mechanism of decoding at the P-site of the ribosome and the role of 3GC base pairs in	Host Pathogen interaction, Ribosome and their epigenetic modifications,	<a href="mailto:smriti.arora@ddn.upes.ac.in">smriti.arora@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-">https://www.upes.ac.in/schools-faculty/school-of-health-sciences/school-</a>

## School of Health Science & Technology

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
							targeting initiator tRNA to the P-site of the ribosome	Environmental microbiology		<a href="#">of-health-sciences/smriti-arora</a>

## School of Law

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Vijay Kumar Singh</b>	Professor & Dean	Legal Studies	School of Law	37	2012	Growth of Corporate Power and the Need to impose criminal liability on corporations in the light of increasing trend in corporate crimes – A critical study	Corporate and Business Laws , Private International Law , Private Law	<a href="mailto:vksingh@ddn.upes.ac.in">vksingh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/dr-vijay-kumar-singh">https://www.upes.ac.in/schools-faculty/law/dr-vijay-kumar-singh</a>
2	<b>Dr. Partha Pratim Mitra</b>	Professor	Legal Studies	School of Law	20	2011	A Critical Study of Laws for Conservation of Wildlife in India	1. Corporate Laws 2. Environmental Laws 3. Constitutional Law	<a href="mailto:Parthap.mitra@ddn.upes.ac.in">Parthap.mitra@ddn.upes.ac.in</a>	-
3	<b>Dr. Rakesh Kumar Chopra</b>	Professor	Legal Studies	School of Law	12	1998	Telecommunication Revolution and its legal implications under Indian Context	Commercial Contracts, Dispute Resolution, Constitutional Law, Intellectual Property Rights ,Information Technology & Cyber Laws, Multidisciplinary Research	<a href="mailto:rchopra@ddn.upes.ac.in">rchopra@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/dr-rakesh-kumar-chopra">https://www.upes.ac.in/schools-faculty/law/dr-rakesh-kumar-chopra</a>
4	<b>Dr. Shikha Dimri</b>	Associate Professor	Legal Studies	School of Law	14	2016	A Critical study of laws relating to Medical Negligence	Torts and Consumer protection Laws including medical and healthcare laws, Property laws , Business laws including contracts , Human Rights	<a href="mailto:shikha@ddn.upes.ac.in">shikha@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/dr-shikha-dimri">https://www.upes.ac.in/schools-faculty/law/dr-shikha-dimri</a>
5	<b>Dr. Sujata Bali</b>	Associate Professor	International Law	School of Law	12	2014	Banking Frauds in India: Emerging Trends and Legal Challenges in 21st Century	Corporate Law including international trade law, Banking law, Socially relevant laws, in particular law relating to environment, women & children	<a href="mailto:sbali@ddn.upes.ac.in">sbali@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/dr-sujata-bali">https://www.upes.ac.in/schools-faculty/law/dr-sujata-bali</a>

## School of Law

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
6	<b>Dr. Gagandeep Kaur</b>	Assistant Professor	Law & Legal Studies	School of Law	48	2014	Jurisprudence of E-Commerce and Consumer Protection in India: A Critical Study With Special Reference to the Information Technology Act, 2000	Cyber Law & The Information Technology Law, E-Commerce and Consumer Protection, Hindu Law, IPR	<a href="mailto:gkaur@ddn.upes.ac.in">gkaur@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/dr-gagandeep-kaur">https://www.upes.ac.in/schools-faculty/law/dr-gagandeep-kaur</a>
7	<b>Dr. Kush Kalra</b>	Assistant Professor	Legal Studies	School of Law	20	2021	Right to Information Act, 2005: A critical analysis of its Implementation and Effectiveness	1. Constitutional Law 2. Human Rights 3. Environment	<a href="mailto:kush.kalra@ddn.upes.ac.in">kush.kalra@ddn.upes.ac.in</a>	-
8	<b>Dr. Shilpika Pandey</b>	Assistant Professor	Law & Legal Studies	School of Law	10	2019	Protection of Celebrity Rights in India: Need for Legislative Enactment	1. IPR 2. Law and Women 3. ADR	<a href="mailto:spandey@ddn.upes.ac.in">spandey@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/shilpika-pandey">https://www.upes.ac.in/schools-faculty/law/shilpika-pandey</a>
9	<b>Dr. Balwinder Singh</b>	Assistant Professor	Law & Social Sciences	School of Law	10	2017	Food Security & Effectiveness of Public Distribution System: A Socio-Legal Study with reference to the State of Jammu and Kashmir	Constitutional & Human Rights, Gender and Personal Laws, Environmental Law	<a href="mailto:balwinder.singh@ddn.upes.ac.in">balwinder.singh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/dr-balwinder-singh">https://www.upes.ac.in/schools-faculty/law/dr-balwinder-singh</a>
10	<b>Dr. Kanchal Gupta</b>	Assistant Professor	Law & Social Sciences	School of Law	10	2018	Law and Policy Against Terrorist Activities in India – A Critical Study	Criminal Law	<a href="mailto:kgupta@ddn.upes.ac.in">kgupta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/dr-kanchal-gupta">https://www.upes.ac.in/schools-faculty/law/dr-kanchal-gupta</a>
11	<b>Dr. Anju Pandey</b>	Assistant Professor	Law & Management	School of Law	6	2019	Impact of genetically modified food and patent laws on farmers rights in India: A critical Legal Study	1. Environmental Issues 2. Constitutional Issues 3. Socio-Legal Issues 4. Animal Rights 5. Women and Child Issues 6. Law and Economics 7. Alternative Dispute Resolution	<a href="mailto:a.pandey@ddn.upes.ac.in">a.pandey@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/anju-pandey">https://www.upes.ac.in/schools-faculty/law/anju-pandey</a>



## School of Law

Sl.	Supervisor Name	Designation	Cluster/Department	School	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
12	<b>Dr. Vishal Sharma</b>	Assistant Professor	Legal Studies	School of Law	12	2021	International Law	International Law, Human Rights, Humanitarian Law and Refugee Law	<a href="mailto:vsharma@ddn.upes.ac.in">vsharma@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/law/vishal-sharma">https://www.upes.ac.in/schools-faculty/law/vishal-sharma</a>



## School of Design

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Dhurjati Majumdar</b>	Distinguished Professor	SoDS	School of Design	20+	1991	Ergonomics, occupational health and safety studies in Jute industries in India	1. Ergonomics in Design, Occupational Health and Safety 2. Improvement of human performance and quality of life 3. Human computer interaction, Typography, Biomechanics, Design for defence equipments and facilities	<a href="mailto:dhurjati.majumdar@ddn.upes.ac.in">dhurjati.majumdar@ddn.upes.ac.in</a>	
2	<b>Dr. Deb Kumar Chakrabarti</b>	Distinguished Professor	SoDS	School of Design	10+		Design Management	Industrial Design, Design Management, Service Design, Model & Prototype construction, Digital mock-up & presentations, Project scheduling & Management	<a href="mailto:debkumar.chakrabarti@ddn.upes.ac.in">debkumar.chakrabarti@ddn.upes.ac.in</a>	

## School of Design

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
3	<b>Dr. Anirban Chowdhury</b>	Associate Professor	SoDS	School of Design	44	2015	Influence of Anthropomorphic Product Appearance on Purchase Intention: A Cognitive Ergonomics Perspective	Usability Engineering; Interaction Design; Cognitive Ergonomics: Cognitive and Affective Engineering, User Experience Design; Neuromarketing Techniques: Eyetracking and Facial EMG	<a href="mailto:anirban.chowdhury@ddn.upes.ac.in">anirban.chowdhury@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/design/dr-anirban-chowdhury">https://www.upes.ac.in/schools-faculty/design/dr-anirban-chowdhury</a>
4	<b>Dr. Anmol Srivastava</b>	Assistant Professor	SoDS	School of Design	5	2018	Design of human-centered AR learning system for engineering labs	Human Computer Interaction, Usability Engineering, Interaction Design	<a href="mailto:asrivastava@ddn.upes.ac.in">asrivastava@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/design/anmol-srivastava">https://www.upes.ac.in/schools-faculty/design/anmol-srivastava</a>
5	<b>Dr. Samrat Dev</b>	Assistant Professor	SoDS	School of Design	17	2013	An Ergonomic Study on Occupational Health Problems of Indian Public Transport Workers of Kolkata and Suggestive Remedial Measures	Ergonomics & Human Factor and Sustainable Design, Occupational Safety and Health, Cognitive and Neurophysiological Ergonomics	<a href="mailto:sdev@ddn.upes.ac.in">sdev@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/design/dr-samrat-dev">https://www.upes.ac.in/schools-faculty/design/dr-samrat-dev</a>

## School of Design

Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
6	<b>Dr. Naveen Kumar</b>	Assistant Professor	SoDS	School of Design	6	2019	PhD in HCI and UX Design from the Department of Design, Indian Institute of Technology Delhi	User research, User experience design, Software usability testing, Human-computer interaction, Human factors, Industry 4.0, Virtual reality and augmented reality.	<a href="mailto:naveen.kumar@ddn.upes.ac.in">naveen.kumar@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/design/dr-naveen-kumar">https://www.upes.ac.in/schools-faculty/design/dr-naveen-kumar</a>

## School of Liberal Studies

Sl.	Name of the Guide	Designation	Cluster	School	No. of Papers Publications (SCI/Scopus/WoS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	<b>Dr. Aswani RS</b>	Assistant Professor	Liberal Studies	School of Liberal Studies	Total - 3 SCI/Scopus 3	2020	Maritime security challenges for India in the 21st century: Political & strategic issues	International Polictis, Geo Polictis, Enviornmental Polictics 2- Public policy, Energy Policy, Sustainability 3- Indian Ocean Region, Maritime Security, Climate Change	<a href="mailto:aswani.rs@ddn.upes.ac.in">aswani.rs@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-liberal-studies/aswani-rs">https://www.upes.ac.in/schools-faculty/school-of-liberal-studies/aswani-rs</a>
2	<b>Dr Sakshi Chanana</b>	Assistant Professor	Liberal Studies	School of Liberal Studies	Total - 5 SCI/Scopus 1	2014	Dreams of Existence and The Alchemy of Love: A study of Paulo Coelho's Fiction	1. Popular Literature and Culture Studies 2. Digital Humanities 3. Translation Studies	<a href="mailto:sakshi.chanana@ddn.upes.ac.in">sakshi.chanana@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-liberal-studies/sakshi-chanana">https://www.upes.ac.in/schools-faculty/school-of-liberal-studies/sakshi-chanana</a>
3	<b>Dr. Bitopi Dutta</b>	Assistant Professor	Liberal Studies	School of Liberal Studies	5 Books 1 Book Chapter	2020	"Gender Restructuring in Displaced Indigenous Communities of North East India"	1. Gender and Sexuality, Gender and Development 2. Displacement studies ; Peace and Conflict 3. Indigenous people, North East India	<a href="mailto:bitopi.dutta@ddn.upes.ac.in">bitopi.dutta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/schools-faculty/school-of-liberal-studies/bitopi-dutta">https://www.upes.ac.in/schools-faculty/school-of-liberal-studies/bitopi-dutta</a>

## School of Liberal Studies

Sl.	Name of the Guide	Designation	Cluster	School	No. of Papers Publications (SCI/Scopus/WoS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
4	<b>Dr Richa Chilana</b>	Assistant Professor	Liberal Studies	School of Liberal Studies	Total - 9 SCI/Scopus 1	2020	Negotiating the Veil: Purdah in Twentieth Century Indian English Writing	1. Indian English Writing 2. Popular Culture especially crime fiction, stand-up comedy and representation of singlehood in popular culture 3. Gender Studies	<a href="mailto:richa.chilana@ddn.upes.ac.in">richa.chilana@ddn.upes.ac.in</a>	<a href="https://www.linkedin.com/in/dr-richa-chilana-569224203/?originalSubdomain=in">https://www.linkedin.com/in/dr-richa-chilana-569224203/?originalSubdomain=in</a>
5	<b>Dr. Pankaj Singh</b>	Assistant Professor	Liberal Studies	School of Liberal Studies	Total - 14 SCI 2	2022	A Nonrepresentation al View of Situated Human Problem Solving: An Ecological Perspective on Agent-Environment Interaction	1.Philosophy 2.Cognitive Science 3.Problem Solving	<a href="mailto:pankaj.singh@ddn.upes.ac.in">pankaj.singh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/mentors/pankaj-singh">https://www.upes.ac.in/mentors/pankaj-singh</a>