

# LIST OF RECOGNIZED SUPERVISORS

With Effect from April 2025



## 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>
14	School of Modern Media	<a href="#">View</a>

School of Business										
Sl.	Supervisor Name	Designation	Cluster/Department	School of Business	Publications (SCI/Scopus/WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	Dr. Sunil Rai	Professor & 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">https://www.upes.ac.in</a>
2	Dr. Sumeet Gupta	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.a.c.in">sumeetgupta@ddn.upes.a.c.in</a>	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
3	Dr. Mohammed Yaqoot	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, Transsion 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">https://www.upes.ac.in</a>
4	Dr. Anil Kumar	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>	Anil Kumar - School of
5	Dr. Prakash Chandra Bahuguna	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	1. Strategic Human Resource Management, 2. Performance Management 3. Training and Development	<a href="mailto:bahuguna@ddn.upes.ac.in">bahuguna@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
6	Dr. Anita Sengar	Sr. 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>	Dr. Anita Sengar - Sch
7	Dr. Ankur Mittal	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">https://www.upes.ac.in</a>
8	Dr. Arvind Kumar Jain	Sr. Associate Professor	General Management	School of Business	20	2010	Indian Garment Industry: Vision for Open Competition Beyond Year 2005	Marketing / Consumer Behaviour / Branding , HR, Re- newable 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">https://www.upes.ac.in</a>
9	Dr. Sunil Barthwal	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">https://www.upes.ac.in</a>
10	Dr. Devkant Kala	Associate 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">https://www.upes.ac.in</a>
11	Dr. Mohammad Younus Bhat	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.a.c.in">younus.bhat@ddn.upes.a.c.in</a>	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>

12	<b>Dr. Rajesh Tripathi</b>	Associate 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">https://www.upes.ac.in</a>
13	<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">https://www.upes.ac.in</a>
14	<b>Dr. Sushil Kumar Rai</b>	Sr. 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">https://www.upes.ac.in</a>
15	<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">https://www.upes.ac.in</a>
16	<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">https://www.upes.ac.in</a>
17	<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">https://www.upes.ac.in</a>
18	<b>Dr. Rahul Bodhi</b>	Assistant Professor	General Management	School of Business	9	2021	Social Media usage and its impact on employee performing and well being in the context of IT Industry in India.	Future of Work, Social Media, Contemporary Workplace Issues, Digitalization and Digital Transformation	<a href="mailto:rahul.bodhi@ddn.upes.ac.in">rahul.bodhi@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
19	<b>Dr. Kamlesh Maurya</b>	Assistant Professor	General Management	School of Business	7	2019	"Workplace management factors and employees' attitudinal outcomes for the Indian IT sector: An employer branding perspective "	Employer Branding, Talent Management, Work-life Balance, Organizational Commitment, Psychological Contract, Employee Turnover.	<a href="mailto:kamleshk.maurya@ddn.upes.ac.in">kamleshk.maurya@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
20	<b>Dr. Shalini Singh</b>	Assistant Professor	General Management	School of Business	19	2018	E-impulses Buying: An Indian Perspective	1. Marketing (e-impulse buying, online consumer behavior). 2. International Business (International marketing and environment, international trade and sourcing) 3. Cross-cultural studies.	<a href="mailto:shalini.singh@ddn.upes.ac.in">shalini.singh@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>

21	<b>Dr Atul Rawat</b>	Assistant Professor	General Management	School of Business	7	2022	Risk Mitigation of CNG Refueling Network for the Eastern Corridor states of India	1. Energy Management. 2. Risk Management. 3. Strategy	a.rawat@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
22	<b>Dr Kabir Sharma</b>	Assistant Professor	General Management	School of Business	7	2019	A study on the functioning of Microfinance institutions in Chhattisgarh	1. Finance. 2. Development Economics. 3. Taxation	ksharma@ddn.upes.ac.in	<a href="https://upes.irins.org/pro">https://upes.irins.org/pro</a>
23	<b>Dr. Anup Kumar Yadava</b>	Assistant Professor	Economics and International Business	School of Business	5	2021	A comparative performance Assessment of organic and Non-organic farming in India	1. Agriculture Economics. 2. Public Finance & Public Economics. 3. Production Economics	anupk.yadava@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
24	<b>Dr. Anirudh Singh</b>	Associate Professor	Energy & Transportation	School of Business	10	2022	A Study of Feasibility in Rajasthan Cement Industries Power Plant on Usage of Fuel: Natural Gas as Clean Fuel vs. Coal	Energy & Sustainability, Downstream, Natural Gas Business, Petro- Retail & Fuels.	anirudhsingh@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
25	<b>Dr Pradeep Chauhan</b>	Assistant Professor	Energy & Transportation	School of Business	5	2023	Analysis & Management of Logistics distribution performance in FMCG Sector.	1.FMCG Operations. 2.Transportation & Distribution. 3.Logistics & Supply Chain Management.	p.chauhan@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
26	<b>Dr. Inder Singh</b>	Associate Professor	Human Resource Management	School of Business	27	2012	Assessment of determinants of employee adoption of e-procurement system	AI & ML, Big Data Analytics, Business Analytics, Cloud Native Technologies, IoT.	inder@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
27	<b>Dr Shatrughan Yadav</b>	Assistant Professor	General Management	School of Business	4	2022	Impact of Job-related diversity on organizational innovation: A study of higher educational institutions in India	1. Diversity Management 2. Knowledge Sharing. 3. Organizational Institutions	shatrughan.yadav@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
28	<b>Dr. Soumyajit Chakraborty</b>	Assistant Professor	Economics & Finance	School of Business	2	2021	Essays on Human Capital	1. Applied Microeconomics = Development Economics. 2. Labor Economics. Family / Household and Human Capital. 3. Education Sector and Public Policy.	soumyajit.c@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
29	<b>Dr Anurag Sharma</b>	Assistant Professor	General Management	School of Business	6	2023	A Digital HR Framework for people performance and Business Excellence.	1. HR Digitization, People performance and Business Excellence. 2. HR strategy, Digital HR strategy, Digital Mindset, Digital HR Leadership. 3. Artificial Intelligence in HR, HR Analytics, SMACI applications in HR.	anurag.sharma@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
30	<b>Dr Naveen Agrawal</b>	Assistant Professor	Economics & Finance	School of Business	6	2021	A study on cross subsidy impact on electricity demand in India.	1. Economics 2. Energy (Power/ Renewable). 3. Finance	naveen.agarwal@ddn.upes.ac.in	<a href="https://upesonline.ac.in/f">https://upesonline.ac.in/f</a>

31	<b>Dr Shantanu Trivedi</b>	Assistant Professor	Transportation Management	School of Business	6	2023	Measures to achieve Business sustainability of cluster based food processing units in the state of Uttarakhand	1.Logistics and Supply Chain Management. 2.Business Sustainability. 3.Online Education	s.trivedi@ddn.upes.ac.in	<a href="https://blog.cce.upes.ac.in">https://blog.cce.upes.ac.in</a>
32	<b>Dr Shweta Agarwal</b>	Assistant Professor	General Management	School of Business	3	2021	Stock Market Response to Information Diffusion through Internet :An empirical Study.	1.Technology Acceptance 2.Investor behaviour. 3.Information Diffusion	shweta.agarwal@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
33	<b>Dr Vijaya Lahri</b>	Assistant Professor	Financial Management	School of Business	4	2023	Crowdfunding for supporting startups in India	1.Entrepreneurial Finance. 2.Behavioural Finance. 3. Stock Market	vijaya@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
34	<b>Dr Sonal Gupta</b>	Assistant Professor	Transportation Management	School of Business	3	2019	Energy	Energy Value Chain, Risk Management, Climate change, Sustainability, Renewable Energy, Power Systems	sgupta@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
35	<b>Dr Nida Rahman</b>	Assistant Professor	Economics & IB	School of Business	3	2020	Impact of FDI inflows on current Account of Balance of payment: A study of ASEAN plus six countries.	1. International Economics. 2. International Trade. 3. Economics of Integration	nida.rahman@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
36	<b>Dr. Rakesh Kumar Meet</b>	Sr. Associate Professor	Business studies, strategy, and leadership	School of Business	6	2022	Exploring factors affecting the adoption of MOOC in Generation Z using extended UTAUT2 model	Technology Adoption, Educational Technology, Sustainable Marketing, S-Commerce, Artificial Intelligence in Sales & Marketing	<a href="mailto:Rakeshk.meet@ddn.upes.ac.in">Rakeshk.meet@ddn.upes.ac.in</a>	<a href="https://www.linkedin.com/in/rakeshmeet/">https://www.linkedin.com/in/rakeshmeet/</a>
37	<b>Dr. Umra Rashid</b>	Assistant Professor-Senior Scale	Global Economics and Finance Cluster	School of Business	6	2024	Capital Structure Decisions And Their Impact of Financial Companies In India	Sustainability, ESG, Fintech, Corporate Finance	<a href="mailto:umra.rashid@ddn.upes.ac.in">umra.rashid@ddn.upes.ac.in</a>	<a href="https://www.linkedin.com/in/umra-rashid-school-of-business-upes">Dr. Umra Rashid - School of Business   UPES</a>
38	<b>Dr Tarunpreet Kaur Ahuja</b>	Assistant Professor	Operations & Technology Management	School of Business	8	2021	Estimation of Population Parameters Using Auxiliary Information in Sample Surveys	Sampling Theory, Quantitative Analysis	<a href="mailto:tarunpreet.ahuja@ddn.upes.ac.in">tarunpreet.ahuja@ddn.upes.ac.in</a>	<a href="https://www.linkedin.com/in/dr-tarunpreet-kaur-bb6892b6">www.linkedin.com/in/dr-tarunpreet-kaur-bb6892b6</a>
39	<b>Dr. Prashant Kumar Chaurasia</b>	Assistant Professor	Operations and Technology Management	School of Business	6	2022	Estimation and Development of Some New Lifetime Models	Classical and Bayesian Inferences, Sampling, Demography	<a href="mailto:prashant.chaurasia@ddn.upes.ac.in">prashant.chaurasia@ddn.upes.ac.in</a>	<a href="https://www.linkedin.com/in/dr-prashant-chaurasia-72729ba8?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app">https://www.linkedin.com/in/dr-prashant-chaurasia-72729ba8?utm_source=share&amp;utm_campaign=share_via&amp;utm_content=profile&amp;utm_medium=android_app</a>
40	<b>Dr. Aasif Ali Bhat</b>	Assistant Professor	Global Economics and Finance	School of Business	12	2022	Impact of Tourism on Local Residents: A Study of Kashmir Region	Dr. Bhat's research interests lie in tourism development, econometrics, and socio-economic sustainability. His Ph.D. work delved into residents' attitudes toward tourism in fragile regions. He is particularly interested in exploring the intersections of tourism, health, and economic development.	<a href="mailto:asifali.bhat@ddn.upes.ac.in">asifali.bhat@ddn.upes.ac.in</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://upes.iris.org/profile/9">https://upes.iris.org/profile/9</a>
2	<b>Dr. Sravendra Rana</b>	Professor	Chemistry	School of Engineering	76	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:arana@ddn.upes.ac.in">arana@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
3	<b>Dr. Pariteek Prasher</b>	Associate Professor	Chemistry	School of Engineering	172	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/facult">https://www.upes.ac.in/facult</a>
4	<b>Dr.Shafai Arora</b>	Associate Professor	Chemistry	School of Engineering	69	2003	Synthesis of Heterocyclic compound and their biological and analytical studies	Natural product chemistry, synthesis of heterocyclic compound, Ion selective electrodes	<a href="mailto:shafai.arora@ddn.upes.ac.in">shafai.arora@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>

5	Dr. Shailley Singhal	Sr. Associate Professor	Chemistry	School of Engineering	62	2005	Physico-chemical Studies of Metal Complexes of Sulphur Containing Ligands	Waste management, Catalysis, Bioenergy, Metal oxides	dsailley@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
6	Dr. Shikha Wadhwa	Associate Professor	Chemistry	School of Engineering	58	2011	Synthesis, properties and applications of itania mesoporous structures	Removal of organic contaminants from water, bio-sensing of analytes using nanomaterials & nanocomposites	shikha.wadhwa@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
7	Dr. Tridib Kumar Sinha	Associate Professor	Chemistry	School of Engineering	45	2016	Functionalized Polymer membranes, Graphene and Polymer Nanocomposite based sensors for Tea Quality Evaluation	1- Synthesis, purification and characterization of 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	tridib_sinha@ddn.upes.ac.in	<a href="https://www.riims.org/profile/3">https://www.riims.org/profile/3</a>
8	Dr. Sushil Kumar	Associate Professor	Chemistry	School of Engineering	55	2013	Studies on Ruthenium Chemistry	Luminescent Materials, Photocatalysis, Spectroelectrochemistry	sushilk@ddn.upes.ac.in	<a href="https://www.riims.org/profile/1">https://www.riims.org/profile/1</a>
9	Dr. Bhawna Lamba	Professor	Chemistry	School of Engineering	48	2010	Preparation and characterization of biodiesels from vegetable oils for automotive applications	Biodiesel, Biofuels, Waste Management	byadav@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
10	Dr. Tapas Goswami	Sr. Associate Professor	Chemistry	School of Engineering	39	2010	Controlling laser induced photochemistry in supersonic molecular beams and probing ultrafast dynamics in liquid phase		tgoswami@ddn.upes.ac.in	<a href="https://in.linkedin.com/in/tapas">https://in.linkedin.com/in/tapas</a>
11	Dr. Shilpi Agarwal	Associate Professor	Chemistry	School of Engineering	40	2016	Studies of physicochemical properties with special reference to lubricity of diesel fuels of two different substrates	Photoinduced Catalysts using Ru-Fe or Ru-Cu molecular assemblies, Ruthenium polypyridyl based complexes for fluorescence of cations, Water oxidation using heterobinuclear Ru-Fe complexes	shilpi@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
12	Dr. Sanjeev Kumar	Professor	Chemistry	School of Engineering	38	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	sankubey@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
13	Dr. Sapna Jain	Associate Professor	Chemistry	School of Engineering	36	2011	Synthesis characterization and formulation of novel bioactive compounds	synthesis, Microbial activity, Insecticidal activity, biofuels	sjain@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
14	Dr. Ritesh Dubey	Assistant Professor	Chemistry	School of Engineering	20	2015	Crystal Engineering from molecule to crystal structure landscapes	1. Crystal Engineering 2. Supramolecular Chemistry 3. Hydrogen bonded and metal co-ordination self-assemblies	ritesh.dubey@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
15	Dr. Kasibotla Sriramachandra Murtthy	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 Hexafluoroacetylacetonate (HFAA) and Tri-n-octylphosphine oxide (TOPO)		smurtthy@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
16	Dr. Mamta Lalwal	Associate Professor	Chemistry	School of Engineering	20	2013	Electrocatalytic potential of nanoscaled metal hexacyanoferrate- CNT composites and its application in voltammetric detection of paracetamol, salbutamol and paracetamol	Nanomaterials, Drug sensors, catalysis	mlalwal@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
17	Dr. Jimmy Mangalam	Assistant Professor	Chemistry	School of Engineering	10	2019	Lead halide perovskite solar cells: fabrication challenges & interface modification using photonic acid self-assembled	1. Photovoltaics (perovskite solar cells), 2. Semiconductor device fabrication and characterization 3. Opto-electronic properties of semiconductors for nanoelectronic applications	jimmy.mangalam@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
18	Dr. Amit Kumar Sharma	Assistant Professor	Chemistry	School of Engineering	79	2017	Biofuels From Microalgae: Cultivation, Biodiesel production and storage feasibility	1. Waste water treatment and algal biofuels, algal biorefinery. 2. Waste management (Plastic waste recycling, biomass to value added products). 3. Biofuels (Biodiesel, Biohydrogen and Biogas) 4. Catalyst synthesis. 5. Biochar production and application in waste water and soil remediation, carbon capture and energy sectors.	amisharma@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
19	Dr. Bhavana Gupta	Associate Professor	Chemistry	School of Engineering	62	2013	Comparative studies on chemical and electrochemical synthesis of conducting polymers and their modification for technological applications.	1. Material Chemistry. 2. Applied Chemistry. 3. Soft Robotics	bhavana.gupta@ddn.upes.ac.in	<a href="https://scholar.google.co.in/c">https://scholar.google.co.in/c</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	Dr. Devesh Kumar Awasthi	Professor	Physics	School of Engineering	700+	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	dawasthi@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facult">https://www.upes.ac.in/facult</a>
2	Dr. K. Asokan	Professor	Physics	School of Engineering	745	1992	Electronic structure of high temperature superconductors	1. Ion beam interaction in materials, 2. Electronic structure of materials 3. Material Science/ Condensed Matter Physics	asokan.kandesami@ddn.upes.ac.in	<a href="https://www.riims.org/pro">https://www.riims.org/pro</a>
3	Dr. Ajay Gupta	Professor	Physics	School of Engineering	300+	1975	Condensed Matter Physics	1. Condensed Matter Physics 2. Magnetic Materials 3. Thin films and multilayers	ajay.gupta@ddn.upes.ac.in	<a href="https://scholar.google">https://scholar.google</a>
4	Dr. J. B. Singh	Professor	Physics	School of Engineering	1980+	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, singhb@pu.ac	<a href="https://lupine.riims.org/p">https://lupine.riims.org/p</a>
5	Dr. Vipin Gaur	Associate Professor	Physics	School of Engineering	335	2013	SEARCH FOR RARE DECAYS B <sup>0</sup> → K* <sup>0</sup> K <sup>0</sup> WITH BELLE DATA	EXPERIMENTAL HIGH ENERGY PHYSICS	vipin.gaur@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
6	Dr. Anil Kumar Sinha	Professor	Physics	School of Engineering	170	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	anil_sinha@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
7	Dr. Ashish Mathur	Professor	Physics	School of Engineering	150	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	ashish.mathur@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
8	Dr. Vivek Kumar Anand	Sr. Associate Professor	Physics	School of Engineering	78	2009	Magnetic and Superconducting Properties of Pb-based Compounds	1. Low Temperature Physics: Magnetic and Superconducting Properties 2. Strongly Correlated Electron Properties, 3. Thermoelectric Properties	vivek.anand@ddn.upes.ac.in	Student Projects - Vivek
9	Dr. Anil Kumar Chawla	Professor	Physics	School of Engineering	83	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	akchawla@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
10	Dr. Devendra Pal Singh	Sr. Associate Professor	Physics	School of Engineering	80	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	devendrapal@ddn.upes.ac.in	Dr. D.P. Singh - School
11	Dr. Ranjeet Brajputiya	Professor	Physics	School of Engineering	87	2008	Fe/Al multilayers: Investigation of structural, magnetic and electronic properties	Thin film and Multilayers Graphene and its application	ranjeet.brajputiya@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>

12	Dr. Abhishek Kumar Mishra	Professor	Physics	School of Engineering	67	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, Dr ug design, battery materials; photovoltaic – solar cells	akmishra@ddn.upes.ac.in	Abhishek Kumar Mishra
13	Dr. Prasanta Mandal	Professor	Physics	School of Engineering	50	2008	GROWTH AND OPTICAL STUDIES OF CoS <sub>2</sub> , CoZn <sub>1-x</sub> S, CdS/ZnS CORE-SHELL AND DOPED CoS NANOCRYSTALLINE S IN ORGANIC LB MULTILAYERS	Photonic and Plasmonic Metamaterials, Solar Cell Energy Devices , Development and characterization of Chemical Sensors using SERS	prmandal@ddn.upes.ac.in	Prasanta Mandal- School
14	Dr. Samar Layek	Assistant Professor	Physics	School of Engineering	57	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. Mossbauer Spectroscopy 6. Structural and electronic transition 7. Magnetism and superconductivity 8. Magnetic nanoparticles	samar.layek@ddn.upes.ac.in	Dr. Samar Layek- School
15	Dr. Manjeet Singh Goyal	Sr.Associate Professor	Physics	School of Engineering	64	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	mgoyal@ddn.upes.ac.in	Dr. Manjeet Singh Goyal
16	Dr. Ankit Awasthi	Associate Professor	Physics	School of Engineering	50	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	awasthi@ddn.upes.ac.in	Ankit Awasthi- School of
17	Dr. Sachin Pathak	Associate Professor	Physics	School of Engineering	42	2014	Magnetic Materials for GHz Frequency Device	Syntronics devices for magnetic data storage , Magnetic Field Sensors , Condensed Matter Physics: Magnetic Nanomaterials , Micro-magnetic Simulation of Magnetic nanomaterials	s.pathak@ddn.upes.ac.in	Dr. Sachin Pathak - School
18	Dr. Prashant Shambhudayal Rawat	Sr.Associate Professor	Physics	School of Engineering	26	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.)	prerawat@ddn.upes.ac.in	Prashant Shambhudayal
19	Dr. Gagan Anand	Professor	Physics	School of Engineering	44	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 BioNano lubricants	ganand@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
20	Dr. Santosh Dubey	Professor	Physics	School of Engineering	26	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	santosh.dubey@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
21	Dr. Rajeev Kumar Gupta	Professor	Physics	School of Engineering	40	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/ Drug reduction	rajeev@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
22	Dr. Ratnesht Pandey	Assistant Professor	Physics	School of Engineering	40	2015	Electronic Sputtering in Fluoride Thin Films	Ion induced modifications in materials, DFT studies of atomic and molecular clusters	rpandey@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
23	Dr. Sarathlal KV	Assistant Professor	Physics	School of Engineering	18	2014	Preparation and study of patterned magnetic thin films	Experimental condensed matter, magnetic nanostructures	sarathlal.kv@ddn.upes.ac.in	<a href="https://scholar.google">https://scholar.google</a>
24	Dr. Kailash Pandey	Assistant Professor	Physics	School of Engineering	16	2008	Neutron cross-sections upto 20 MeV for new nuclear energy systems	Theoretical Nuclear Physics, Material Science	kpandey@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
25	Dr. Kanak Pal Singh Parmar	Associate 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	kpparmar@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
26	Dr. Navjot Hoti	Assistant Professor	Physics	School of Engineering	17	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)	rhothi@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
27	Dr. Parawaji Kalita	Assistant Professor	Physics	School of Engineering	14	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 Dr. Kumar's research interest is focused on experimental studies of functional oxide materials such as ferrites, CMR, lead-free piezoelectrics, multiferroics, and DMS in various forms such as bulk, thin films, and 1-D nanostructures, as well as nanostructures for energy storage (Li-ion, Li-S batteries, and supercapacitors) applications and solar cells.	parawaji.kalita@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
28	Dr. Shalendra Kumar	Sr.Associate Professor	Physics	School of Engineering	325	2008	Magnetic Material		shalendra.kumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
29	Dr. Raju Chowdhury	Associate Professor	Physics	School of Engineering	28	2011	Select Topics in Quantum Gravity-A Maiden Voyage	1. Mathematical Physics, Topological T duality, Generalized, Emergent Gravity, Integrate System Poisson-Le T duality, Noncommutative geometry. 2. Black holes in supergravity, attractor, mechanism, special Kahler geometry, compactification, gauged supergravity from M theory, Toric Sasak-Einstein and Quiver gauge theory. 3. Kahler-Einstein metrics, Seiberg-Witten map, SYZ mirror symmetry, Symplectic to multisymplectic, Generalized Darboux formalism, Faddeev quantization.	Raju.roychowdhury@ddn.upes.ac.in	Dr. Raju Roychowdhury- School of Advanced Engineering   UPES

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	Dr. Anupam Bhandari	Sr.Associate Professor	Mathematics	School of Engineering	53	2014	In Differentiable Manifolds	FerriyDr odynmics , Nanofluid , Mathematical Modeling	abhandari@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty">https://www.upes.ac.in/faculty</a>
2	Dr. Akmal Husain	Associate Professor	Mathematics	School of Engineering	26	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	ahusain@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty">https://www.upes.ac.in/faculty</a>
3	Dr. Monika Manglik	Assistant Professor	Mathematics	School of Engineering	17	2014	Reliability Analysis for complex systems under operating conditions and coverage factor	Applied Mathematics, Statistics	mmanglik@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty">https://www.upes.ac.in/faculty</a>
4	Dr. Sandeep Dixit	Associate Professor	Mathematics	School of Engineering	17	2011	Abel Inversion and solution of certain variational and non linear problems using Bernstein operational	Integral Equation, Wavelet based operational matrix, Differential Equation	sdixit@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty">https://www.upes.ac.in/faculty</a>
5	Dr. Karmeshu	Distinguished Professor	Mathematics	School of Engineering					karmeshu@ddn.upes.ac.in	
6	Dr. Anil Kumar	Assistant Professor	Mathematics	School of Engineering	20	2021	A Treatise of the MHD flows of non-Newtonian fluids over different Geometries	1.Fluid Dynamics, 2.Nanofluid Flow, 3.MHD	ank@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-advanced-engineering/energy/dr.ankil.kumar-thakur">https://www.upes.ac.in/faculty/school-of-advanced-engineering/energy/dr.ankil.kumar-thakur</a>
7	Dr. Tanuj Kumar	Assistant Professor-Senior Scale	Mathematics	School of Advanced Engineering	13	2019	Harmonic Analysis	Integral Transform, Wavelet transform, Operator	tanuj.kumar@ddn.upes.ac.in	Dr. Tanuj Kumar - School of Advanced Engineering   UPES

School of Engineering – Core										
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	Dr. Adesh Kumar	Professor	Electrical	School of Engineering	120	2014	Design, Validation and FPGA Implementation of Multistage Telecommunication Networks in HDL Environment	VLSI Design, Embedded Systems, Telecommunications	adeshkumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
2	Dr. Piyush Kuchhal	Professor & Head	Electrical	School of Engineering	94	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	pkuchhal@ddn.upes.ac.in	<a href="https://www.upes.ac.in/fa">https://www.upes.ac.in/fa</a>
3	Dr. Rupendra Kumar Pachauri	Associate Professor	Electrical	School of Engineering	170	2016	STUDIES ON PERFORMANCE IMPROVEMENT OF HYBRID POWER GENERATION SYSTEMS	Solar photovoltaic performance enhancement (Stand – alone mode), Hybrid PV/F/C/W/T power generation system (grid connected & off grid), Artificial Intelligence and Machine learning applications in RE Power system	rpachauri@ddn.upes.ac.in	<a href="https://www.upes.ac.in/fa">https://www.upes.ac.in/fa</a>

4	Dr.Devender Kumar Saini	Sr. Associate professor	Electrical	School of Engineering	41	2013	Some approached for order reduction of linear interval system & controller design	Resiliency enhancement of Distribution grid , System optimization , Fault Detection & Protection	dkasaini@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
5	Dr.Ranjan Mishra	Professor	Electrical	School of Engineering	46	2016	Design of Specific Ultra Wide Band Antenna for Satellite Communication	1. 5G Communication – Spectrum, System Design, 2.Design and characterization of Microstrip Antenna for Wireless Communication. 3. Frequency Selective Surface	rmishra@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
6	Dr. Abhinav Sharma	Associate Professor	Electrical	School of Engineering	40	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	abhinav.sharma@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
7	Dr. Surajit Mondal	Assistant Professor-Selection Grade	Electrical	School of Engineering	32	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	smondal@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
8	Dr. Harshit Mohan	Assistant Professor-Senior Scale	Electrical	School of Engineering	25	2022	Direct Power Control of Induction Motor Drives	Electrical Machines, Power Electronics, Drives, Control, IoT	harshit.mohan@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</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	Durga Madhab Mahapatra	Sr.Associate Professor	Energy Cluster	School of Advanced Engineering	30	2015	Algal Bioprocess Development for Sustainable Wastewater Treatment and Biofuel Production	1. Bioprocess Engineering 2. Environmental Biotechnology 3. Waste Biorefineries and Valorization	dmahapatra@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</a>
2	Dr. Atul Kumar Patidar	Sr.Associate Professor	Energy	School of Advanced Engineering	40	2010	Neoelectronic studies in southern mainland Kachchh using Ground Penetrating Radar (GPR), with special reference to Kattol Hill Fault (KHF)	• Energy Conservation & Subsurface Geos exploration (CCUS) • Conventional and Unconventional Hydrocarbon Exploration and Economics • Seismic Interpretation	apatidar@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</a>
3	Dr. Amit Kumar Thakur	Sr.Associate Professor	Energy Cluster	School of Advanced 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	akthakur@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
4	Dr.Pushpa Sharma	Distinguish Professor	Energy	School of Advanced Engineering	21	1982	Studies on Metal-Metal Sublattice Electrodes of Atomic 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, CO <sub>2</sub> )	pushpa.sharma@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
5	Dr.Harinandan Kumar	Assistant Professor	Energy	School of Advanced 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	h Kumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
6	Dr. Uday Bhan	Professor	Energy	School of Advanced Engineering	35	2012	Palaeobiology and Organic Geochemistry of the Semi Group Sediments, Mathar area, Sahra District, Madhya Pradesh	Petroleum Geochemistry & Biostigraphy: Source rock evaluation and Hydrocarbon generation potential, Formation Evaluation: Petroleum Reservoir characterization and Hydrocarbon flow performance, Sedimentary Basin Analysis: Basin evolution and characterization.	ubhan@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</a>
7	Dr. Annapurna Boruah	Sr.Associate Professor	Energy	School of Advanced Engineering	30	2015	Shale Gas resources of Rangari 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	aboruah@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
8	Dr.Pankaj Kumar Srivastava	Professor	Energy	School of Advanced 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	pk.srivastava@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
9	Dr. Niranjan Banerjee	Associate Professor	Energy	School of Advanced Engineering	13	2016	Modeling of rheological properties for entangled polymer systems	Modeling, Simulation and Reactor Design, CFD and design, Alternate Energy resources	rbanerjee@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
10	Dr. Nirupita Priyadarshini Nayak	Associate Professor	Energy	School of Advanced Engineering	11	2015	Characterization of Indian sub-marginal grade of iron ore for value addition	Mineral Engineering, Mineral Processing, Ore & Mining Geology, Sedimentology	npnayak@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
11	Dr.Sunil Kumar Khare	Professor	Energy	School of Advanced Engineering	29	2000	Petrogenesis of Manghghata and Related Volcanics, Central India with special reference to relic clinopyroxene assemblage	Geochemistry, Drilling Engineering (Petroleum engineering)	skhare@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
12	Dr.Govindasamy Gopalakrishnan	Professor	Energy	School of Advanced Engineering	9	1995	Synthesis, modification, characterization and catalytic activity of zeolite beta	Catalysis, Biofuels, Waste to Energy and chemicals	gopalakrishnan@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
13	Dr. Vamsi Krishna Kudapa	Associate Professor	Energy	School of Advanced Engineering	4	2018	Petroleum	Involved in ABB- CONSULTANT PROJECT on Modeling and simulation of gas production from shale gas reservoirs	vkudapa@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</a>
14	Dr. Girish Chandra Kothiyari	Professor	Energy	School of Advanced Engineering	120	2009	Earth Science	Seismology, Tectonic Geomorphology, satellite geodesy	gkothiyari@ddn.upes.ac.in	<a href="https://scholar.google.co.in/">https://scholar.google.co.in/</a>
15	Dr. Gaurav Pandey	Assistant Professor	Energy	School of Advanced Engineering	14	2020	Marphology Kinetics and Rheology of Methane Hydrate System	1.Gas Hydrates, Clean Energy, Energy Storage, Flow Assurance Rheology 2. Enhanced oil recovery, Carbon Capture and Storage and Sequestration 3. Drift fluids, oil and gas Nanotechnology	gaurav.pandey@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</a>
16	Dr. Leena Kapoor	Associate Professor	Energy	School of Advanced Engineering	4	2020	Experimental and Theoretical investigation of Biomass pyrolysis to produce Green Fuels	1. Biofuels conversion technologies 2. Upgradation of biofuels using catalyst 3. Reactor modeling, optimization and simulation.	lkapoor@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</a>
17	Dr. Ashish Aggarwal	Associate Professor	Energy	School of Advanced Engineering	5	2021	Predictive Modelling and characterization of land subsidence due to ground water and petroleum extraction in around Mathana Gujarat.	1. Natural Disaster Management/ GIS and Remote Sensing. 2. Hydrogeology. 3. Land use Management.	aaggarwal@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</a>
18	Dr. Ajay Mittal	Professor	Energy Cluster	School of Advanced Engineering	8	2019	Mathematical Modeling and Numerical Simulation of Gelation Behavior of Polymer Gel System for Permeability Modification in High-Temperature Reservoir	Enhanced Oil Recovery, Nanomaterials, Oil & Gas Data Management, Drilling Technology, Production Engineering and Petroleum Economics.	ajay.mittal@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</a>
19	Dr Bhalchandra Shingan	Associate Professor	Energy Cluster	School of Advanced Engineering	9 SCIE, 3 Scopus,	2024	Cold Utilization of Liquefied Natural Gas : Process Modification & Optimization	Process Modeling & Optimization, Natural Gas Engineering, Pipeline Engineering, Hydrogen, Sustainable Energy Development	bshingan@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facu">https://www.upes.ac.in/facu</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	Dr. Ajay Kumar	Professor	Mechanical	School of Advanced Engineering	52	2014	Simulation Of Vacuum Enhanced Resin Infiltration Technology (Verity) Composite Manufacturing Process	Composite Manufacturing Process VARTM/LCM/VERTY, Composite regeneration of Exhaust gases/ CI Engines/DOCDPF/SCR Technology/Alternate Fuels , Analysis of Mechanical Systems/FEM	akumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>
2	Dr. Ashish Karn	Sr.Associate Professor	Mechanical	School of Advanced Engineering	60	2016	Bubbly Flow Physics For Applications In Aerated Hydrocyclones And Underwater Transport	Thermal – Fluid Sciences and Multiphase flows: Experimental Fluid Mechanics, Heat and Mass Transfer, Renewable Energy, Water and environment-friendly technologies	akarn@ddn.upes.ac.in	<a href="https://www.upes.ac.in/sch">https://www.upes.ac.in/sch</a>



3	Dr. Rajesh Malthani	Sr.Associate Professor	Mechanical	School of Advanced Engineering	60	2017	Heat transfer and friction characteristics of V-Ribs with symmetrical gaps roughened solar air heater	Renewable energy, heat transfer in Solar thermal systems, heat exchangers, heat sinks	rmalthani@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
4	Dr. Anil Kumar	Associate Professor	Mechanical	School of Advanced Engineering	50	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	k.anil@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
5	Dr.Roushan Kumar	Sr.Associate Professor	Mechanical	School of Advanced Engineering	35	2018	Mathematical Modeling And Modern Control Based Validation Of Automotive Smart Power Window	Battery Technology Automation Technology 2. Automotive Technology 3. E Mobility and Renewable Energy 4. Embedded System application	rkumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
6	Dr. Jitendra Yadav	Sr.Associate Professor	Mechanical	School of Advanced Engineering	30	2016	Model Generation and study of system parameters for friction induced stick slip vibration	1.Tribology 2.Design 3. Control 4.Modeling Simulation	jyadav@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
7	Dr. Velidi V.S.S Gurusath	Sr.Associate Professor	Mechanical	School of Advanced Engineering	48	2014	Flow And Optically Analysis Of Fast Neutron Kinetics Of Gaseous Core Super Critical Reactors In Space Propulsion	1.Combustion Modeling 2. Propulsion, space propulsion 3.Computational fluid dynamics	gvesvelidi@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
8	Dr. Subhankar Das	Assistant Professor	Mechanical	School of Advanced Engineering	29	2019	Silanized Carbon Fillers And Its Damage Mitigation Capabilities For Reinforcement In Hybrid Laminates	1. Epoxy nanocomposites, Laminated Composites Materials 2. Material Modeling 3. Manufacturing Science	subhankar.das@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
9	Dr. Siddharth Jain	Associate Professor	Mechanical	School of Advanced Engineering	106	2012	Studies on the stability of biodiesel From Jatropha Crude oil	1. Biomass and Bioenergy, 2. Renewable Energy, 3. Life cycle Analysis, 4.Waste of Energy	siddharth.jain@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
10	Dr.Piyush Gaur	Assistant Professor-Senior Scale	Mechanical	School of Advanced Engineering	14	2019	Characterize atom	1.Humanbody Modeling, 2. Material Modeling, 3. Control 4.Modeling Simulation	piyush.gaur@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
11	Dr.Sachin Sharma	Assistant Professor-Senior Scale	Mechanical	School of Advanced Engineering	43	2023	Design and optimization studies of SAH	1. Modeling and simulations, 2. Optimization, 3.Computational and experimental analysis, Heat TIF, 4. Heat Storage 5. Natural Convection	sachin.sharma@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
12	Dr. Akarsh Verna	Assistant Professor	Mechanical	School of Advanced Engineering	132	2020	Atomistic simulation to study properties of Dimensional nanocomposites	1. Molecular Dynamics, 2 Atomistic Modelling, 3 Polymer Composite	akarsh.verma@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
13	Dr. Ram Kumar	Associate Professor	Mechanical	School of Advanced Engineering	23	2022	A numerical and experimental study of thermal performance of packed bed thermal energy storage (PBTES) system	1. Thermal Energy Storage System, 2. Refrigeration 3.Heat Exchanger 4. Multiphysics modeling	rkumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
14	Dr. Dhiraj Kumar	Assistant Professor	Mechanical	School of Advanced Engineering	3	2022	Flow-induced flutter of hinged rigid plate and thin flexible sheet	1. Aerodynamics, 2.Fluid-structure Interaction, 3. Experimental fluid mechanics, 4. Flow Control.	dhiraj.kumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
15	Dr. Varun Pratap Singh	Assistant Professor-Senior Scale	Mechanical	School of Advanced Engineering	26	2022	Performance enhancement of Artificial roughened solar air heater by using perforated multi V Ribs in double pass parallel flow.	1. Solar Thermal Application, Bio-fuel synthesis, 2. Small and Micro Hydro, ICA, TBL, 4.	varunpratap.singh@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
16	Dr. Saurabh Kumar Bhatti	Assistant Professor	Mechanical	School of Advanced Engineering	9	2022	New kinds of summer feed-effect in Rotordynamics with non ideal drive.	1. Nonlinear Dynamics, 2. Vibration control and isolation, 3. Multibody dynamics 4. Mechanism synthesis	saurabh.kbhatti@ddn.upes.ac.in	<a href="https://in.linkedin.com/in">https://in.linkedin.com/in</a>
17	Dr. Prashant Shukla	Associate Professor	Mechanical	School of Advanced Engineering	9	2022	Design, Development and Analysis of Hydro Separator for Mixed MSW	1. Machine Design, 2. Waste Management Technology 3. Automotive Technology	prshukla@ddn.upes.ac.in	<a href="https://in.linkedin.com/in">https://in.linkedin.com/in</a>
18	Dr. Bharat Ankur Dogra	Assistant Professor	Mechanical/ Aerospace Department	School of Advanced Engineering	5 Scopus, 7 Internation Journal and 1 patent	2021	Feasibility study of Pulse detonation engine for Power Generation	Detonation engines, Drones	bdogra@ddn.upes.ac.in	Dr. Bharat Ankur Dogra - School of Business I, UPES
19	Dr. Harshit Shukla	Assistant Professor-Selection Grade	Aerospace Department	School of Advanced Engineering	18	2023	Investigation of Micro Thrusters for Micro-Nano Class Satellite Application.	Aerospace Engineering; Rocket Propulsion; Combustion; MEMS; High Energetic Materials; Space Propulsion.	harshit.shukla@ddn.upes.ac.in	<a href="https://scholar.google.com/citations?hl=en&amp;user=9m2VNYAAAAJ&amp;view_op=list_works&amp;sc=publication">https://scholar.google.com/citations?hl=en&amp;user=9m2VNYAAAAJ&amp;view_op=list_works&amp;sc=publication</a>
20	Dr. Harshit Shukla	Assistant Professor-Selection Grade	Department of Aerospace Engineering, Mechanical Outlier	School of Advanced Engineering	11	2023	Investigation of Micro Thrusters for Micro-Nano Class Satellite Application.	Aerospace Engineering; Rocket Propulsion; Combustion; MEMS; High Energetic Materials; Space Propulsion.	harshit.shukla@ddn.upes.ac.in	<a href="https://scholar.google.com/citations?hl=en&amp;user=9m2VNYAAAAJ&amp;view_op=list_works&amp;sc=publication">https://scholar.google.com/citations?hl=en&amp;user=9m2VNYAAAAJ&amp;view_op=list_works&amp;sc=publication</a>

School of Engineering – Sustainability Cluster										
Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publications (SCI/Scopus/ WOS/ABOC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	Dr. Manish Kumar	Professor	Sustainability	School of Engineering	297	2009	Comparative Assessment Of Potential Mobility Of Heavy Metals In Suburban Sediment Of Effluent In Facilities And Soil Using Sequential Extraction And Isotopic Dilution Techniques	Hydrogeochemistry, Hydrological Contamination And Emerging Pollutants, Wastewater-Based Epidemiology	manish.kumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>
2	Dr. Bikrama Prasad Yadav	Professor	Sustainability	School of Engineering	45	2017	Note on 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	bp Yadav@ddn.upes.ac.in	Dr. Bikrama Prasad Yadav
3	Dr. Syed Mohammad Tauseef	Professor	Sustainability	School of Engineering	71	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 Modeling And Design	sm.tauseef@ddn.upes.ac.in	Dr. S. M. Tauseef - School
4	Dr.Sunita Varjani	Sr.Associate Professor	Sustainability	School of Engineering	374	2014	Hyperosmotic degrading and bio-surfactants (Bio-surfactants) producing bacteria from Petroleum Oil wells	Waste bioremediation Resource recovery from wastes and wastewater treatment 2. Water-Energy Nexus and its Implications for Sustainability: Process engineering, advancements in process technology 3. Pollution control and abatement: Climate Change Resilience and Adaptation Strategies; Sustainable	sunita.varjani@ddn.upes.ac.in	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>
5	Dr.Tabassum Abbasi	Assistant Professor (Senior Scale)	Sustainability	School of Engineering	42	2021	Application Of Bioprocess 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	tabbasi@ddn.upes.ac.in	UPES (inr.org)
6	Dr. Abhishek Nandan	Associate 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	anandan@ddn.upes.ac.in	Dr. Abhishek Nandan- School
7	Dr. Sourendu Manna	Assistant Professor (Selection Grade)	Sustainability	School of Engineering	63	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	smanna@ddn.upes.ac.in	Sourendu Manna - School

8	Dr. Kanchan Bahukhandi	Dr. Associate Professor	Sustainability	School of Engineering	28	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	kanchan@ddn.upes.ac.in	Kanchan Dool Bahukhan
9	Dr. Madhuben Sharma	Associate Professor	Sustainability	School of Engineering	7	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	mbsharma@ddn.upes.ac.in	Dr. Madhuben Sharma- Sc
10	Dr. Sawati Datta	Assistant Professor (Senior Scale)	Sustainability	School of Engineering	7	2017	Influence of bacterial activities on deformation behavior of sands.	Geoenvironmental Engineering, Ground Improvement, Bio-mediated Soil Improvement, Geotechnical Earthquake Engineering, Geotechnical Material Characterization	sawati.datta@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
11	Dr. Balendu Shekhar Giri	Assistant Professor (Selection Grade)	Sustainability	School of Engineering	101	2014	Studies on Bio-treatment of waste Gas emissions containing Dimethylsulfide (DMS)	1. Environmental Biotechnology, Biopolymer, Pollution, Bioremediation, Biodegradation. 2. Bioenergy, Biofuel, and Biomass Utilization, Bioresource Technology, Renewable Energy. 3. Process Biotechnology, Biochar, Sustainability, Solid waste Management.	balendus.giri@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
12	Dr. Ankit Kumar Yadav	Assistant Professor	Sustainability	School of Engineering	30	2021	Modelling the influence of different blood alcohol concentration levels on driving performance and safety of drivers.	1. Road user safety. 2. Sustainable transportation. 3. Traffic psychology and behavior.	ankitk.yadav@ddn.upes.ac.in	<a href="https://upes.iitn.org/pro">https://upes.iitn.org/pro</a>
13	Dr. Rahul Silori	Associate Professor	Sustainability	School of Engineering	18	2023	Characteristics of Soil: Soil variation and Solid-Liquid Partitioning of Pharmaceutical and Personal care products in urban wastewater systems. With emphasis on Adsorption and Root Zone based Treatment.	1. Water and wastewater studies. 2. Emerging contaminants and Remediations. Approaches. 3. Environmental geochemistry of heavy metals and other contaminants.	rsilori@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
14	Dr. Saumyanarjan Sahoo	Assistant Professor	Sustainability	School of Engineering	3	2023	Punching shear behaviour of recycled aggregate concrete full-scale plates.	1. Structural application of recycled aggregate concrete. 2. Sustainable construction materials. 3. Fibre-reinforced concrete.	saumyanarjan.sahoo@ddn.upes.ac	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
15	Dr. Durga Prasad Panday	Associate Professor	Sustainability	School of Engineering	10	2024	Verifying the vulnerability of water resources using Hydroclimatic extremes with Bridging perspectives of Quantity and Quality.	1. Hydroclimatic extremes (including compound extremes): Modeling and Prediction. 2. Water quality modeling through machine learning. 3. Conflict resolution techniques in water resources using game theory.	dpanday@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
16	Dr. Dharmendra Kumar Gupta	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	dkgupta@ddn.upes.ac.in	<a href="https://www.upes.ac.in/f">https://www.upes.ac.in/f</a>
17	Dr. Ranjit Gurav	Associate Professor	Sustainability Cluster	School of Advanced Engineering	115	2013	Keratin degradation using bacterial keratinase and its biotechnological applications.	Bioenergy, Biomass Valorization; Biotechnological System; Biochar; Bioremediation; Bioplastic; Biopolymers; Emerging Contaminants; Water Treatment	ranjitgurav@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-advanced-engineering/sustainability/ranjit-gurav">https://www.upes.ac.in/faculty/school-of-advanced-engineering/sustainability/ranjit-gurav</a>

School of Computer Science & Engineering										
Sl.	Supervisor Name	Designation	Cluster/ Department	School	Publicatio ns (SCI/Scopus WOS/ABDC)	Year of PhD Award	Topic of PhD	Research Interest	Email	Profile
1	Dr. Sachin Chaudhary	Associate Professor	Data Science	School of Computer Science	25	2019	Deep Learning Approaches to Tackle the Challenges of Human Action Recognition in Videos	Computer Vision	sachin.chaudhary@ddn.upes.ac.in	<a href="https://www.linkedin.com/in/sachin-chaudhary-586483b9/">https://www.linkedin.com/in/sachin-chaudhary-586483b9/</a>
2	Dr. Sonal Talreja	Assistant Professor	AI	School of Computer Science	5	2017	Computation of electronic properties of some materials for non-volatile memory and opto-electronic devices.	Computational materials science, machine learning, quantum computing	sonal.talreja@ddn.upes.ac.in	<a href="http://scholar.google.co.in/citations?user=Shu1-PAAAAAJ">http://scholar.google.co.in/citations?user=Shu1-PAAAAAJ</a>
3	Dr. Sonal Talreja	Assistant Professor	AI	School of Computer Science	5	2017	Computation of electronic properties of some materials for non-volatile memory and opto-electronic devices.	Computational materials science, machine learning, quantum computing	sonal.talreja@ddn.upes.ac.in	<a href="http://scholar.google.co.in/citations?user=Shu1-PAAAAAJ">http://scholar.google.co.in/citations?user=Shu1-PAAAAAJ</a>
4	Dr. Anurag Jain	Dr. Associate Professor	Artificial Intelligence	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 Social Interest	anurag.jain@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/sc">https://www.upes.ac.in/faculty/sc</a>
5	Dr. Deepika Koundal	Dr. Associate Professor	Artificial Intelligence	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	dkoundal@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/sc">https://www.upes.ac.in/faculty/sc</a>
6	Dr. Anil Kumar	Associate Professor	Artificial Intelligence	School of Computer Science & Engineering	5	2021	Development Of Pattern Analysis And Machine Learningtechnique For Cancer Diagnosis	Computer Aided diagnosis systems 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	ayyas@ddn.up.es.ac.in	<a href="https://www.upes.ac.in/faculty/sc">https://www.upes.ac.in/faculty/sc</a>
7	Dr. Anil Verma	Assistant Professor	Artificial Intelligence	School of Computer Science & Engineering	5	2020	Multi-State Logic For Computation, Sentiment Based Information Diffusion In Online Social Networks	1. Machine Learning2. Deep Learning3. Algorithms	anil.verma@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/sc">https://www.upes.ac.in/faculty/sc</a>
8	Dr. Mohammad Ahsan	Assistant Professor	Artificial Intelligence	School of Computer Science	13	2021	Stochastic Modelling and Monte Carlo Simulation from Jawaharlal Nehru University, New Delhi.	Social media mining, machine learning, natural lan guage processing, data analytics, optimization techniques, and healthcare.	ahsana@ddn.upes.ac.in	Dr. Mohammad Ahsan - School of Computer Science   UPES
9	Dr. Sanjeev Kumar	Professor	Artificial Intelligence	School of Computer Science	40 (SCISOPUS/WOS)	2019	Automated Database Tuning And Administration In Variable Workload Using Dynamic Sga Parameters	AI, Deep Learning, Natural Language Processing and Stochastic Modeling and Optimization of Dynamical Systems	sanjeev.kumar@ddn.upes.ac.in	Dr. Sanjeev Kumar- School of Computer Science   UPES
10	Dr. Hitesh Kumar Shama	Professor	Cloud and Software Operations	School of Computer Science & Engineering	23	2016	High Performance VANEts In Cloud	Artificial Intelligence, Machine Learning, Deep Learning, Devops, Monolith/ Microservice Architecture, Software Engineering, Image Processing, Medical Image Processing, GIs	hshama@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/sc">https://www.upes.ac.in/faculty/sc</a>
11	DR. ARJUN ARORA	Assistant Professor(S.G.)	Cloud and Software Operations	School of Computer Science	13	2021	High Performance VANEts In Cloud	Computer Networking and AIML	a.arora@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-computer-science/dr-arjun-arora">https://www.upes.ac.in/faculty/school-of-computer-science/dr-arjun-arora</a>
12	Dr. Roohi Sile	Associate Professor	Cloud and Software Operations	School of Computer Science	25	2022	Non-Linear Segmentation of Medical Images	Artificial Intelligence Applications in Healthcare Sector	roohi@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-computer-science/dr-roohi-sile">https://www.upes.ac.in/faculty/school-of-computer-science/dr-roohi-sile</a>
13	Prof. (Dr.) Sanjay Biswas	Professor	Core Computer Science	School of Computer Science	50+	2012	Network Management, Efficient Scheduling Algorithms for Multiple Workflows in Cloud Computing Environment	Network Management, Nature Inspired Networks, 5G Networks, Device-to-Device Communication, Energy-efficient and Green Networks, Fog and Edge networks, and Information-centric Networking	sanjay.biswas@ddn.upes.ac.in	Prof. (Dr.) Sanjay Biswas- School of Computer Science   UPES
14	Dr. Ambika Aggarwal	Associate Professor	Core Computer Science (CCS) cluster	School of Computer Science	13 & 4 Patents	2022	Mathematical Information Retrieval	Cloud computing, machine learning, cyber security	ambika.aggarwal@ddn.upes.ac.in	Google Scholar, <a href="https://scholar.google.co.in/citations?user=Bk5u3uAAAJ">https://scholar.google.co.in/citations?user=Bk5u3uAAAJ</a>
15	Pankaj Kundan Dadure	Assistant Professor-Senior Scale	CSO	School of Computer Science	36	2022	Design A Framework For Authentication Of Human Through Triple Levelbiometric Fusion Using Artificial Neural Networks	Information Retrieval, NLP for Low-resource languages	pankaj.dadure@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-computer-science/dr-pankaj-kundan-dadure">https://www.upes.ac.in/faculty/school-of-computer-science/dr-pankaj-kundan-dadure</a>
16	Dr. Rohit Srivastava	Assistant Professor	Cybernetics	School of Computer Science & Engineering	9	2019	Analysis And Design Of Virtualization Technique For Distributed Database Using Xai Schema.	1. Artificial Intelligence2. Image Processing3. Biometric Pattern Recognition	r.srivastava@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/sc">https://www.upes.ac.in/faculty/sc</a>
17	Dr. Sonali Vyas	Associate Professor	Cybernetics	School of Computer Science & Engineering	5	2016	Analysis And Design Of Virtualization Technique For Distributed Database Using Xai Schema.	1. Data Analytics And Mining2. Machine Learning And Algorithms3. Healthcare Informatics	vyas@ddn.up.es.ac.in	<a href="https://www.upes.ac.in/faculty/sc">https://www.upes.ac.in/faculty/sc</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	Dr. Dhruv Kumar	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	dhruv.kumar@ddn.upes.ac.in	https://scholar.google
2	Dr. Nidhi Chauhan	Professor	Allied Health Sciences	School of Health Science & Technology	120	2012	Fabrication of amperometric acetylcholinesterase biosensors based on Fe3O4NP@CMWCNT modified Au electrode and ITO plate	1. Biosensor 2. Nanotechnology 3. Biochemistry/Life Sciences	nidhi.chauhan@ddn.upes.ac.in	https://www.upes.ac.in
3	Dr. Kuldeep Kumar Roy	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.	kuldeep.roy@ddn.upes.ac.in	https://www.upes.ac.in
4	Dr.Sunita Varjani	Sr.Associate Professor	Allied Health Sciences	School of Health Science & Technology	374	2014	Hydrocarbon degrading and Biosurfactants (Biomulsifiers) producing bacteria from Petroleum Oil wells	1. Environmental and Industrial (Bio)technology; Bioremediation, Biosorption of heavy metals 2. Bioprocess Technology/Bio-manufacturing: Biobased Products; Systems Biology, Circular Bioeconomy	sunita.varjani@ddn.upes.ac.in	https://www.upes.ac.in
5	Dr. Rajendra Awasthi	Associate Professor	Pharmaceutical Sciences	School of Health Science & Technology	150	2015	Investigation on gastroretentive controlled release drug delivery system for antidiabetic 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	rajendra.awasthi@ddn.upes.ac.in	https://www.upes.ac.in
6	Dr. Jyoti Upadhyay	Sr.Associate Professor	Pharmaceutical Sciences	School of Health Science & Technology	46	2019	Impact Assessment of Persistent Organic Pollutants on the risk of birth defects	Clinical Research, Pharmacology and Toxicology, Maternal and Child Health	jyotiupadhyay@ddn.upes.ac.in	https://www.upes.ac.in
7	Dr. Shuchi Upadhyay	Associate 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	shuchi.upadhyay@ddn.upes.ac.in	https://www.upes.ac.in
8	Dr. Utsab Debnath	Associate Professor	Pharmaceutical Sciences	School of Health Science & Technology	29	2016	Design, synthesis, Biological evaluation and molecular modelling studies of thiazolidine analogues as anti HIV-1 agents	1. Synthesis of heterocyclic bioactive molecules. 2. Identification of new drug targets via computer aided design 3. ADC Therapy	utsab.debnath@ddn.upes.ac.in	https://www.upes.ac.in
9	Dr. Ravinder Kaushik	Associate Professor	Allied Health Sciences	School of Health Science & Technology	16	2013	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	ravinder.kaushik@ddn.upes.ac.in	https://www.upes.ac.in
10	Dr. Gurjean Vasant Bonde	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	13	2020	Development and evaluation of Lipid-in-loaded nanocolloidal micellar drug delivery system for efficient treatment of	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	gbonde@ddn.upes.ac.in	https://www.upes.ac.in
11	Dr. Shubham Dwivedi	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	shubham.dwivedi@ddn.upes.ac.in	Dr. Shubham Dwivedi
12	Dr. Snigdha Misra	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	1.Reproductive Toxicology 2.Molecular Biology and Genetics 3.Identification & functional characterization of candidate genes involved in reproductive adversities, and their	snigdha.misra@ddn.upes.ac.in	Dr. Snigdha Mishra - S Smriti Arora - School
13	Dr. Smriti Arora	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	15	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,	smriti.arora@ddn.upes.ac.in	
14	Dr. Shikha Saxena	Associate Professor	Allied Health Sciences	School of Health Science & Technology	12	2019	A study on the determinants of Household Food Security and their impact on the nutritional status of women in slums of Ghaziabad City	1. Public Health Nutrition. 2. Women and Child Nutrition. 3. Clinical Nutrition and Dietetics / Household Food Security and Tobacco use	shikha.saxena@ddn.upes.ac.in	https://www.upes.ac.in
15	Dr. Kamesh	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	7	2016	Identification of non-coding RNAs involved in iron metabolism	1. Non-coding RNAs 2. Cancer 3. Gene regulation	kamesh@ddn.upes.ac.in	https://www.upes.ac.in
16	Dr. Mitai Madhumita	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	13		Characterization and food application of extract and essential oil of cured beet leaf	1. Food functionalization and Fortification. 2. Novel food processing technology 3. Bioactivities extraction and Kinetic Modeling. 4. Protein and Starch Modification.	mitai.madhumita@ddn.upes.ac.in	https://www.upes.ac.in/ faculty/school-of-health-sciences-and- technology/mitai-madhumita
17	Dr. Piyush Kumar	Associate Professor	Allied Health Sciences	School of Health Science & Technology	14	2022	Production and characterization of bacterial phylase and its assessment as feed additive	Nanodiagnostics and natural products-based combination therapies to control bacterial pathogens2.2. Apilamer and whole cell sensor for detection of xenobiotics and small molecules3. Biochemical and biophysical characterization of enzymes for human health	piyush.kumar@ddn.upes.ac.in	https://www.upes.ac.in
18	Dr.Prashant Shukla	Professor	Pharmaceutical Sciences	School of Health Science & Technology	17	2015	Novel drug delivery systems for therapeutic intervention of sepsis and septic shock.	1. Pharmaceuticals. 2. Nanotherapeutics. 3. Polymer modification for drug delivery. 4. Solid-state characterization of Pharmaceuticals.	prashant.shukla@ddn.upes.ac.in	https://www.upes.ac.in
19	Dr. Soumya Gupta	Assistant Professor	Allied Health Sciences	School of Health Science & Technology			Dr. Soumya Gupta's research interests revolve around the domains of Public Health Nutrition, Food and Nutrition Policy, Systematic Reviews, Dietary Composition and its impact on metabolic biomarkers, Development of Functional Foods with a specific focus on enhancing protein quality and substituting simple sugars.	soumya.gupta@ddn.upes.ac.in	https://www.upes.ac.in	
20	Dr.Subhajit Basu	Associate Professor	Allied Health Sciences	School of Health Science & Technology	15	2014	Microbial ecology of Phytoplankton Blooms of the Arabian Sea and their implications	1. Environmental Microbiology. 2. Plant growth-promoting microorganisms and development of biofertilizers. 3. Bioprospecting of novel microbial bioactive metabolites for applications in medicines and agriculture. 4. Metal-microbe interactions for bioremediation and biomimetalization research.	subhajit.basu@ddn.upes.ac.in	https://www.upes.ac.in
21	Dr.Sandhya S	Associate Professor	Pharmaceutical Sciences	School of Health Science & Technology	118	2013	Pharmacognostic al, Phytochemical and Pharmacological Studies of three Tephrosia species.	1. Herbal formulation development and standardization. 2. Pharmacological Studies. 3. Pharmacognostical Standardization.	sandhya.s@ddn.upes.ac.in	https://www.upes.ac.in
22	Dr.Anand Gaurav	Professor	Pharmaceutical Sciences	School of Health Science & Technology	48	2012	Novel Molecular Modeling Design and Synthesis of Phosphodiesterase Antagonists.	1. Medicinal Chemistry, 2.Computational Drug Design and Discovery	anand.gaurav@ddn.upes.ac.in	https://www.upes.ac.in
23	Dr. Ravi Rawat	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	37	2022	Design synthesis and Biological evaluation of Indizone Fused Heterocycles.	1.Medicinal Chemistry, 2.Organic Synthesis, 3.Pharmacoinformatics	ravi.rawat@ddn.upes.ac.in	https://www.upes.ac.in
24	Dr. Ramendra Pati Pandey	Associate Professor	Pharmaceutical Sciences	School of Health Science & Technology	64	2014	Understanding the Immune response and oxidative stress of secretory of Mycobacterium tuberculosis in Murine model.	1.Immunology and Infectious Diseases. 2. Drug discovery and development. 3. Antimicrobial Resistance	ramendra.pandey@ddn.upes.ac.in	https://www.upes.ac.in
25	Dr.Shradha Manish Gupta	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	9	2023	Design, Synthesis, Biological evaluation of Indene-Indole Derivatives as Anti-Alzheimer's Drug.	1. Computational Chemistry, 2. Drug Design, 3. Neurodegenerative disorders.	shradham.gupta@ddn.upes.ac.in	https://www.upes.ac.in
26	Dr.Laxmi Kirola	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	9	2017	Identification of rare putative causal genetic variants in intellectual disability and Parkinson's disease families.	1. Human Genetics, Neurodegenerative and Neuromuscular Diseases. 2. Human molecular genetics, familial genetics diseases models. 3.D melanogaster and C elegans as a model human genetic diseases.	laxmi.kirola@ddn.upes.ac.in	https://www.upes.ac.in

27	Dr Divya Tripathi	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	24	2022	Development of biopolymer based formulations for hemostasis and wound healing in civilian and combat operations.	1.Formulation development and drug delivery. 2.Biomedical device development. 3.Biomedical implants. 4.Radiology.	divya.tripathi@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
28	Dr Ramesh Kumar Saini	Associate Professor	Allied Health Sciences	School of Health Science & Technology	85	2014	STUDIES ON enhancement of cardenolide saponin and their bioavailability in Moringa oleifera and in vitro propagation.	1.Advancement of analytical methodologies for nutraceutical analysis. 2.Food fortification with vitamins and minerals. 3.Value addition of agro- industrial wastes for metabolite production. 4.Investigation of biological activities of	rameshkumar.saini@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
29	Dr Kapil Kumar	Associate Professor	Allied Health Sciences	School of Health Science & Technology	35	2016	Strategies toward convenient synthesis of nitrogen-containing heterocycles.	1.Green Chemistry and Lewis acid catalyzed methodology development. 2. Synthesis of heterocyclic-based NCEs (New Chemical Entities) having pharmacological potential. 3. Compound Aided Drug Design (CADD) and waste utilization for synthesis of pharmaceutical excipients.	kapil.kumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
30	Dr Amritansh Bhanot	Assistant Professor	Allied Health Sciences	School of Health Science & Technology	5	2023	Exploration of antimicrobial Chemicals space and Bisquinolines and Bisquinazoline hybrids as potential anti-tubercular and anti-malarial agent.	1. Cheminformatics, Docking, and dynamic studies. 2. Synthesis and development of NCE to treat Malaria, Tuberculosis, and Cancer. 3. Polymer synthesis.	amritansh.bhanot@ddn.upes.ac.in	
31	Dr. Nishu Goyal Bansal	Associate Professor	Allied Health Sciences	School of Health Science & Technology	15	2016	In silico Modeling and Experimental Validation for Improving Methanogenesis from CO <sub>2</sub> via M. marisnigra.	1. Metabolic Model reconstruction, phenotype prediction, and analysis. 2. Novel microbial strain development and optimization for environmental remediation. 3. Biofuels and bioenergy. 4. Bacteria-mediated disease treatment	nishu.goyal@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
32	Dr. Utkarsh Jain	Sr.Associate Professor	Allied Health Sciences	School of Health Science & Technology	96	2014	Effects of Helicobacter pylori Vacuolating Cytotoxin A on intracellular calcium signaling in T-Lymphocytes under the Guide Prof. Dr. Rainer Haas	1. Microbial Pathogenicity, Diseases associated with Pathogenic Microorganisms, Host - Pathogen Interactions, Cell Signaling Pathways, Cancer Biology, Microbial Biotechnology 2. Nanomaterial based Biosensors/Sensors	utkarsh.jain@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
33	Dr.Sunila Varjani	Sr.Associate Professor	Sustainability	School of Engineering	268	2014	Hydrocarbon degrading and Biosurfactants (Bioemulsifiers) producing bacteria from Petroleum Oil wells	1. Environment and Industrial Biotechnology. 2. Bioprocess Technology and Waste Management. 3. Wastewater Treatment & Process Engineering.	sunila.varjani@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
34	Dr Gulran Ajmal	Assistant Professor	Pharmaceutical Sciences	School of Health Science & Technology	22	2019	Development and evaluation of ciprofloxacin hydrochloride and gentamicin loaded electrospun nanofiber membrane for full thickness wound healing	The research interests include novel drug delivery systems; enhancement of drug solubility; and rate controlled 3D structure-oriented delivery systems for wound healing.	gulran.ajmal@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
35	Dr. Rohini Verma	Assistant professor	Pharmacy	School of Health sciences and technology	5	2022	Extraction of selected medicinal plants and their phytoconstituents for the alleviation of obesity and associated metabolic complications	Drug discovery, Natural product and bioactive compounds, analytical science, analytical spectroscopy	rohini.verma@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-health-sciences-and-technology/dr-rohini-verma">https://www.upes.ac.in/faculty/school-of-health-sciences-and-technology/dr-rohini-verma</a>
36	Imana Pal	Assistant Professor-Senior Scale	Health Sciences	School of Health sciences and technology	4	2021	STUDIES ON THE PHYSIOLOGICAL AND NUTRITIONAL EFFECTS OF KADAM (Neolamprockia cadamba) - AN UNDERUTILIZED FRUIT ON THE EXPERIMENTAL ANIMALS AND ITS SENSORY EVALUATION ON HUMAN SUBJECTS	Food product development & Food Environment & Non-communicable diseases	imana.pal@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-health-sciences-and-technology/dr-imana-pal">https://www.upes.ac.in/faculty/school-of-health-sciences-and-technology/dr-imana-pal</a>
37	Dr. Iram Khan	Assistant Professor	Pharma	School of Health Sciences and technology	6	2	Development and evaluation of nanofibers for the targeted release of anti-tumor drug in the cerebral cavity	NANOTECHNOLOGY & NEUROLOGY & ONCOLOGY	iram.khan@ddn.upes.ac.in	Dr. Iram Khan - School of Health Sciences and Technology / UPES
38	Dr. Nikhil Chauhan	Assistant Professor-SG	Health Sciences	School of Health sciences and technology	17	2017	Molecular, Functional and Immunological Characterization of macrophage migration inhibitory factor-2 of human lymphatic filarial parasite Wuchereria bancrofti	Translational Biomedical research specific to Probiotics, vaccine development, Diagnostics.	nikhil.chauhan@ddn.upes.ac.in	Nikhil Chauhan - School of Health Sciences and Technology / UPES
39	Dr. Himanshi Jangir	Assistant Professor-Selection Grade	Health Technology	School of Health sciences and technology	14 Research papers + 2 book chapters + 1 US patent (under review) + 4 Conference Articles	2020	Exploiting sulfites to design strategies for sustainable agriculture and green energy	1. Food and fodder security: Sustainable agro-ecosystem design for the higher Himalayas & Food design to boost Himalayan economy through immersive eco-tourism & Bio-mimetic material design using living organisms as bio-robots.	himanshi.jangir@ddn.upes.ac.in	UPES website: <a href="https://www.upes.ac.in/faculty/school-of-health-sciences-and-technology/dr-himanshi-jangir">https://www.upes.ac.in/faculty/school-of-health-sciences-and-technology/dr-himanshi-jangir</a>
40	Dr. Amit Kumar	Professor	Health Sciences/ Department of Allied Health Sciences	School of Health sciences and technology	285	2014	Synthesis and applications of some transition metal doped Zinc Oxide nanoparticles and their composites with synthetic polymers	Sustainability, Waste-to-energy Conversion, Advanced waste water treatment, Agro-waste valorisation, Advanced and hybrid nanomaterials, Advanced Oxidation Processes, Hydrogen production	kumar.amit@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-health-sciences-and-technology/amit-kumar">https://www.upes.ac.in/faculty/school-of-health-sciences-and-technology/amit-kumar</a>
41	Dr Arli Singh	Associate Professor	Pharma	School of Health sciences and technology	>50	2018	Pharmacological interventions targeting mitochondrial dysfunction and oxidative damage in Alzheimer's disease	Neurobehavioral Pharmacology, Zebrafish research	Arli.Singh1@ddn.upes.ac.in	<a href="https://scholar.google.co.in/citations?user=NBGAQIAAAAJ&amp;btnq">https://scholar.google.co.in/citations?user=NBGAQIAAAAJ&amp;btnq</a>
42	Dr. Rakesh Kumar Mishra	Assistant Professor	Pharmaceutical Sciences	School of Health sciences and technology	15	2022	Effect of Ethanol Administration of Palonosetron Against 1 & 2-Dimethyl hydrazine Induced Preneoplastic Colon Damage	Development of 1,2-Dimethyl hydrazine induced cancerous lesion in wistar rats & Performed in-vivo safety and efficacy studies	rakesh.mishra@ddn.upes.ac.in	Dr. Rakesh Kumar Mishra - School of Health Sciences and Technology / UPES
43	Dr. Souradeep Roy	Asst. Prof – Senior Scale	Health Technology/Biomedical Engineering	School of Health sciences and technology	43	2021	Smart bandage for real-time assessment of diabetic foot ulcer	Advanced nanostructured materials & Biochemical sensors for healthcare, food and environment quality assessment	Souradeep.roy@ddn.upes.ac.in	Dr. Souradeep Roy - School of Health Sciences and Technology / UPES

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	Dr. Shikha Dimri	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	shikha@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facul">https://www.upes.ac.in/facul</a>
2	Dr. Gagandeep Kaur	Assistant Professor	Law & Legal Studies	School of Law	48	2014	Precedence 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	gkaur@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facul">https://www.upes.ac.in/facul</a>
3	Dr. Bahwinder Singh	Associate 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	bahwinder.singh@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facul">https://www.upes.ac.in/facul</a>
4	Dr. Kanchal Gupta	Associate Professor	Law & Social Sciences	School of Law	10	2018	Law and Policy Against Terrorist Activities in India – A Critical Study	Criminal Law	kgpta@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facul">https://www.upes.ac.in/facul</a>
5	Dr. Anju Pandey	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.pandey@ddn.upes.ac.in	<a href="https://www.upes.ac.in/facul">https://www.upes.ac.in/facul</a>

6	Dr. Hardik Daga	Assistant Professor	Legal Studies	School of Law	6	2021	Legal Framework Relating to State Trading Enterprises: A Study in the Context of International Practices.	1. International Trade Law 2. International Investment Law. 3. Contract Law/Environmental Law.	hardik.daga@ddn.upes.ac.in	<a href="https://www.upes.ac.in/fac">https://www.upes.ac.in/fac</a>
7	Dr. Aarushi Batra	Assistant Professor	Legal Studies	School of Law	4	2022	Gender Discrimination and Other Constraints in the Area of Sports Law: A Study in India and USA	1. Sports Law, 2. Constitutional Law, 3. Gender Justice, 4. Human Rights, 5. Environmental Law, 6. Media Laws	aarushi.batra@ddn.upes.ac.in	<a href="https://www.upes.ac.in/fac">https://www.upes.ac.in/fac</a>
8	Dr. Parth Sharma	Associate Professor	Law & Social Sciences	School of Law	5	2015	Rise of China and South Asian Security	1. International Politics with special reference to China. 2. Media Reviews. 3. Issues concerning higher education. 4. Politics of India since independence	parth.sharma@ddn.upes.ac.in	<a href="https://www.upes.ac.in/fac">https://www.upes.ac.in/fac</a>
9	Dr. Tauheed Alam	Assistant Professor	Law & Social Sciences	School of Law	4	2018	Capital Punishment under Islamic & Indian Criminal Legal Systems: A Comparative Study	1. Criminal Law 2. Constitutional Law 3. Family Law	talam@ddn.upes.ac.in	<a href="https://www.upes.ac.in/fac">https://www.upes.ac.in/fac</a>
10	Dr. Charu Srivastava	Associate Professor	Law & Legal Studies	School of Law	20	2022	A comparative study of copyright violations in the entertainment sector with emphasis on cinematograph film in India, the US and Germany.	1. Intellectual Property Rights. 2. Sports Law. 3. Technology Law	csrivastava@ddn.upes.ac.in	<a href="https://www.upes.ac.in/fac">https://www.upes.ac.in/fac</a>
11	Dr. Parineeta Goswami	Assistant Professor	LSS	School of Law	1 Scopus 1 ABCD	2024	Insolvency and Bankruptcy Law in India: A Critique	Corporate Law Insolvency Law	cp@ineeta.goswami@ddn.upes.ac.in	Dr. Parineeta Goswami, School of Law   UPES
12	Dr. Gaurav Mittal	Assistant Professor (Selection Grade)	Law and Social Science	School of Law	5	2024	A Socio-Legal Analysis of same-sex marriages in India: Prospects and challenges	Family law and Constitutional Law	gaurav.mittal@ddn.upes.ac.in	Dr. Gaurav Mittal, School of Advanced Engineering   UPES
13	Dr. Himani Kaushik	Assistant Professor	Law and Social Science	School of Law	Scopus-5 & ABCD -2	2021	Labour Migration to Russia from Tajikistan and Uzbekistan, 1990-2010	International relations. Political Science, Refugee laws, Migration, Public Policy	himani.kaushik@ddn.upes.ac.in	Dr. Himani Kaushik, School of Law   UPES
14	Dr. Samrat Datta	Asst. Professor (SG)	Centre for Post Graduate Legal Studies (CPGLS)	School of Law	9	2020	Role of Law and New Technology in Dehradun Police Organisation: An Empirical Analysis	IPR, Criminal Law & Family Law	Samrat.datta@ddn.upes.ac.in	Dr. Samrat Datta - School of Law   UPES
15	Dr. Latika Choudhary	Assistant Professor	CPGLS	School of Law	11	2023	Patent On Life Forms: Critical Analysis And Evaluation Of Aspects & Legal Framework Related To Gene Patenting	Intellectual Property Rights, Patent Laws, Biotechnology patenting laws	lchoudhary@ddn.upes.ac.in	
16	Dr. Manika Kamthan	Assistant Professor (Selection Grade)	CPGLS	School of Law	9	2017	Women in Indian Agriculture: A Comparative Study of Selected Villages of U.P. & Punjab	Gender and Law & Disaster Law & Sustainability Studies & Environmental Law	Manika.kamthan@ddn.upes.ac.in, lawmanika@gmail.com	
17	Dr. Kartik Agre	Assistant Professor (Senior Scale)	Law and Social Sciences	School of Law	5	2024	Euphoric White Roses: A Critical Analysis of Rights of Widows With Special Reference To Property and Maintenance	Family Law, Medical Laws, Biotechnology Law, Insolvency and Bankruptcy Law, Cyber Law, Intellectual Property Law, Financial and Systemic Fraud Laws, Family Law, Business Law, Science and Technology	Kartik.agre@ddn.upes.ac.in & rparth@ddn.upes.ac.in	<a href="https://www.upes.ac.in/faculty/school-of-law/na-manda-parthay">https://www.upes.ac.in/faculty/school-of-law/na-manda-parthay</a>
18	Dr. Nanda Parthey	Associate Professor	Law and Social Science	School of Law	1	July 2023	Genetically Modified Organism Vis-A-Vis Ethical, Social and Legal Issues in India-A Critical Study	Medical Laws, Biotechnology Law, Insolvency and Bankruptcy Law, Cyber Law, Intellectual Property Law, Financial and Systemic Fraud Laws, Family Law, Business Law, Science and Technology	nparthey@ddn.upes.ac.in	Dr. Nanda Parthey, School of Law   UPES

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	Dr. Deb Kumar Chakrabarti	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	debkumar.chakrabarti@ddn.upes	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>
2	Dr. Samrat Dev	Associate 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	sdev@ddn.upes.ac.in	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>
3	Dr. Naveen Kumar	Assistant Professor	SoDS	School of Design	20	2018	Development of user's cognitive load centric methodology for HCI based control panel design.	User experience design, Software usability testing, Human-computer interaction, Human factors Industry 4.0 Virtual Reality Computational Neuroscience	naveen.kumar@ddn.upes.ac.in	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>
4	Dr. Swati Sarkar	Assistant Professor	SoDS	School of Design	4	2022	A study on Perception and Acceptance of Wrist-Worn Wearable Fitness Trackers & development of Intervention Models for Enhancing and Acceptance and Prolonged Use of the Devices, ensuring healthy ageing	Healthy Ageing, Sustainability, Emotions, Human Behaviour, Bioelectronics, Cognitive Ergonomics	swati.sarkar@ddn.upes.ac.in	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>
5	Dr. Nilakshi Yein	Assistant Professor	SoDS	School of Design	4	2021	A study on Developing an interactive stepping exercise tool to improve physical balance of Elderly population in India.	Serious Game, Gerontechnology, User Experience, Gamified learning, Usability, AR/VR/XR, Elderly fall intervention, Design intervention for Special Needs	nilakshi.yein@ddn.upes.ac.in	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>
6	Dr. Susmita Sharma Yadav	Associate Professor	SoDS	School of Design	9	2016	Visual response to the Form of a Designed Object: An Exploration in Eye Tracking.	Visual Perception of Form (Form and Aesthetics), Theoretical and Evaluation Framework, Form Studies, Material Culture) Visual Arts and Creative Process, Experience Design (Design for Behavior Change, Social Need)	ssusmita.yadav@ddn.upes.ac.in	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>
7	Dr. Debashis Manjunder	Professor	SoDS	School of Design	8	2023	Design and evaluation of Aesthetics and HMI aspects of Amphibious Vehicle for amusement purpose.	1. Transportation Design. 2. Industrial Design. 3. Entrepreneurship and business development.	dmanjunder@ddn.upes.ac.in	<a href="https://www.upes.ac.in/">https://www.upes.ac.in/</a>

School of Liberal Studies and Media										
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	Dr. Anil Nautiyal	Director, School of Liberal Studies	Liberal Studies	School of Liberal Studies	4	2019	ASSESSMENT OF RESETTLEMENT AND REHABILITATION ISSUES AND REDRESSAL MEASURES ASSOCIATED WITH LARGE HYDRO POWER PROJECTS IN UTTARAKHAND	1. Energy 2. Displacement 3. Developmental Economics	anautiyal@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
2	Dr. Sakshi Chanaana	Assistant Professor	Liberal Studies	School Of Liberal Studies and Media	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	sakshi.chanaana@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
3	Dr. Bipoti Dutta	Assistant Professor	Liberal Studies	School Of Liberal Studies and Media	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	bipotidutta@ddn.upes.ac.in	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
4	Dr. Richa Chitana	Sr. Assistant Professor	Liberal Studies	School Of Liberal Studies and Media	Total - 9 SCI/Scopus 1	2020	Negotiating the Veil: Purnan 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	richa.chitana@ddn.upes.ac.in	<a href="https://www.iiitk.edu.in">https://www.iiitk.edu.in</a>

5	Dr. Pankaj Singh	Assistant Professor	Liberal Studies	School Of Liberal Studies and Media	Total - 14 SCI 2	2022	A Nonrepresentation n 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>	Dr. Pankaj Singh - Sch
6	Dr Ritam Dutta	Assistant Professor	Liberal Studies	School Of Liberal Studies and Media	2	2019	An Ethnographic case study of contemporary Bengali Students 'ADDA' (Hang-Out) in one University in Kolkata- Alternative Pathways to learning or a complete waste of Time.	1. Culture Studies (particularly, youth, cultures) 2. Informal Learning 3. Comparative Literature.	<a href="mailto:ritam.dutta@ddn.upes.ac.in">ritam.dutta@ddn.upes.ac.in</a>	<a href="https://www.upes.ac.in">https://www.upes.ac.in</a>
7	Dr. Charusheel Tripathi	Assistant Professor	Social Sciences and Humanities / Political Science	School Of Liberal Studies and Media	4	2022	Pedagogy, Citizenship Education and Social Justice: A Study of Educational Policies in Himachal Pradesh and Uttar Pradesh	1. Public Policy: Theory and Practices & Political Theory and Philosophy & Education and Teaching	<a href="mailto:charusheel.tripathi@ddn.upes.ac.in">charusheel.tripathi@ddn.upes.ac.in</a>	<a href="#">Charusheel Tripathi - School of Liberal Studies and Media   UPES</a>