

FACULTY PROFILE

Name of Teaching Staff		Nupur Mittal				
Designation		Assistant Professor				
Department		EN				
Date of joining the Institution:		8Aug'2012				
Date of Birth	25-2-1988	College ID	F361			
Qualifications with Class/Grade			UG (Degree Name) B.Tech (HONS.)	PG (Degree Name) M.Tech (HONS.)	PhD DTU Delhi (Pursuing)	
			Percentage /CGPA 75.6	Percentage /CGPA 80.01	-	
Total Experience in Years (Should not be repeated)			Teaching (Excluding Research)	Industry	Research	Others
			14 years	0	-	-
No. of Papers Published in Journals			National		International	
			-		1	
No. of Papers Presented in Conferences			National		International	
			7		10	
Area of Specialization			Power Electronics and Drives, Power System & Renewable Energy Resources			
PhD Guide? Give field & University			Field		University	
			-		-	
No. of PhDs/Projects Guided			PhDs Ongoing	PhDs Completed	Projects at Master level	
			-	-	-	
Research Guidance (Number of Students)			No. of Papers Published in National Journals	No. of Papers Published in National Conferences	No. of Papers Published in International Journals	No. of Papers Published in International Conferences
			-	-	-	5
Books Published/IPRs (Books Details- Title/ISBN/Publisher/Year)			Nil			
Projects Carried Out			Nil			
Courses Taught			Diploma	Post Diploma	Under Graduate	Post Graduate Diploma

	-	-	Basic Signal And System, Control System, Network Analysis and synthesis, Renewable Energy Resources, Energy Science Engineering, Power Electronics, Electric Drives, Project Management And Entrepreneurship., Idea to Business Model		
Patent (Filed/Granted)	1. Power Saving System in Electric Vehicles,2023 (Application No- 202311075552) 2. Method for Sustainable Energy Generating Via Piezoelectric Tiles Harnessing Footsteps And Vehicle Vibrations, 2024 (Application No- 202411085539) 3. Automatic Road Reflector Light System Using LDR and IR Sensor with Arduino Uno Microcontroller (Application No- 202611079515) 4. ESP32 Based Smart Hybrid Microgrid Energy Management System (EMS)- (Application No- 202611079517) 5. SafeRoute Delhi: A Crime-Aware Navigation and Real-Time Safety Alert System Using Machine Learning-Based Risk Scoring (Application No- 202611079512) 6. AI-Based Autonomous Crowd Detection Drone with Custom Flight Controller and Intelligent Surveillance System (Application No- 202611079518) 7. Earth Rover for Environmental Monitoring and Basic Rescue Operations (Application No- 202611079513) 8. Smart solar-poered remote load control system(Application No - 202611054117)				
Professional Memberships	Nil				
Grants Fetched / Awards	Nil				
Interaction with Professional Institutions	MPEC,KNIT,PSIT,VIT, KIT,				
Technology Transfer	nil				
Google Scholar ID	https://scholar.google.com/citations?user=i9_YV_MAAAAJ&hl=e				
Linked in ID	www.linkedin.com/in/nupur-mittal-346037219				