


STANDARD TEMPLATE OF FACULTY PROFILE FOR UPLOADING OF INSTITUTE WEBSITE

Title	DR.	First Name	SANJAY	Last Name	GAIROLA	
Designation		PROFESSOR				
Dept. Name		ELECTRICAL ENGINEERING				
Address:		1, Madhuban colony, Jhajra, Dehradun-248007 Uttarakhand				
Phone No.		9810917448				
Email		1. sgairola.gbpiet@gmail.com		2. sanjaygairola@gmail.com		
Web Page (if any)		-				
Subjects Taught		Power Electronics, Electrical Machines, Drives, Network Analysis, Microprocessors, Signals and Systems				
Areas of Interest/Specialization		Power Electronics, Electrical Machines, Drives, Network Analysis, Power Quality, Renewable Energy Systems, Electric Vehicles				
Experience (in years)		Total	32			
		Industry	2			
		Teaching	32			
		Research	-			
Educational Qualifications		UG	B.E. (Electrical Engineering), MNNIT Allahabad			
		PG	M.Tech. (Power Electronics, Electrical Machines & Drives) in EED, IIT Delhi			
		Doctorate	Electrical engineering, IIT Delhi			
		Any other				
Research Publications in Journals		32				
Papers Published in Conference Proceedings		38				

Books Authored/Book Volume Chapters	<ol style="list-style-type: none"> 1. <i>A First Course on Electrical Engineering Laboratory Practice</i>, published by Kataria and Sons Publications, New Delhi, 2007. (Co-authored with Dr. Prabhakar Tiwari). 2. <i>Smart Computing: Proceedings of the 1st International Conference on Smart Machine Intelligence and Real-Time Computing (SmartCom 2020)</i>, 26-27 June 2020, Pauri, Garhwal, INDIA, CRC Press (Co-Edited with Dr. Ayub Khan, Dr Bhola Jha and Mr. Praveen Pushkar). 		
No. of Conferences	National	Attended	Organized
		4	1
	International	8	1
Research Guidance		PG	Doctorate
	Guided	8	3
	Undergoing	-	1
Research Projects	Completed	01	
	Undergoing	-	
Awards & Distinctions	<ol style="list-style-type: none"> 1. <i>INDIAN NATIONAL ACADEMY of ENGINEERING (INAE)- INNOVATIVE STUDENT PROJECTS AWARD at DOCTORAL LEVEL-2009</i>: received Most Prestigious Engineering Award of national repute (consist of certificate and Rs10000) presented by Prof. P. S. Goel, President INAE, on 17th Dec. 2009 at Indira Gandhi Centre for Atomic Research (IGCAR), Kalapakkam (Tamil-Nadu). 2. Awarded with Takniki Shikshak Samman on Oct. 01, 2016 by Dr Mahesh Sharma, Honorable Minister for State for Culture. 		
Administrative Assignments Handled	<ol style="list-style-type: none"> 1. Nodal Officer of GBPIET QIP PhD Program 2. Nodal Officer of GBPIET ADF PhD Program 3. OIC Library 4. NBA Coordinator of EED 5. HOD(EED) from Sept. 2019 to Sept. 2021. 		
Association with Professional Bodies	<ol style="list-style-type: none"> 1. IEEE Senior Member (SM 93514026) 2. Life Member ISTE (LM 35282) 3. Board of Studies Member for Electrical/Electrical & Electronics Engg. Branches of AKTU for period 2015-2017. 4. Board of Studies Convenor for Electrical/Electrical & Electronics Engg. Branches of VMSBUTU, Dehradun for period 2022-2023 		
Any other Achievements	<ol style="list-style-type: none"> 1. Conference Chair, SMARTCOM'2020, An international Conference held on 26-27th June 2020 at GBPIET, Pauri. 2. Reviewer of Reputed Journal papers in the field of Power Electronics, Electrical Machines drives and Renewable Energy, IEEE, IET, Inderscience, etc. 		