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Title	Ms.	First Name	AKRITI	Last Name	GARG	Photograph
Designation	FACULTY MEMBER					
Department	ELECTRICAL ENGINEERING					
Address	EE DEPARTMENT, IET, MJP ROHILKHAND UNIVERSITY, BAREILLY-243006, U.P					
(Campus)						
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Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution		Year	Details/Thesis Topic/Subjects		
Ph.D. (P)	MJP ROHILKHAND UNIVERSITY		2022	Efficiency Enhancement and output monitoring of Solar PV array using IOT by considering different parameters		
M.Tech. (GOLD MEDALIST)	AJAY KUMAR GARG ENGINEERING COLLEGE		2021	Thesis Topic: Design & Simulation of CUK converter based MPPT control scheme for PV array using Double Diode Model		
B.Tech. (GOLD MEDALIST)	RAJ KUMAR GOEL INSTITUTE OF TECHNOLOGY		2015	Electrical and Electronics Engineering		
Career Profile						
Organization / Institution		Designation	Duration	Role		
MJPRU, BAREILLY		FACULTY MEMBER	2023- CONTINUED	TEACHING		
AKGEC, GHAZIABAD		MASTER SCHOLAR	2019-2021	TEACHING		
NEXT IAS, HYDERABAD		CONTENT DEVELOPER	2018	CONTENT DEVELOPER		
JYOTI ELECTRICALS, HARYANA		GTE	2015-2016	ENGINEER TRAINEE		
Research Interests / Specialization						
Solar Energy (Solar Panel/ Solar Photovoltaic)						
Teaching Experience (Subjects/Courses Taught)						
NETWORK ANALYSIS & SYNTHESIS, BASIC ELECTRICAL ENGINEERING, ELEMENTS OF ELECTRICAL ENGINEERING, ELECTRICAL MEASUREMENT & MEASURING INSTRUMENTS, CONTROL SYSTEM, NON CONVENTIONAL ENERGY SOURCES						
Honors & Awards						
1. Was awarded Gold Medal from Honorable Governor Smt. Anandiben Patel for scoring highest CGPA in all the post graduate programs being offered in AKTU on 16th December 2021 at AKTU Lucknow.						
2. Secured Fifth Meritorious University Rank in Electrical and Electronics Engineering						

Department for the Batch of 2015 given by Dr. A.P.J Abdul Kalam Technical University, UP.
 3. Bagged First Position for 4 consecutive years (2011-2015) in Electrical and Electronics branch and also secured a Scholarship.
 4. Achieved a “Bal Ratna Khoj Award” Organized by Amity University, Lucknow in 2008.

Publications /Academic Activities (Numbers Only)

Books & Monographs	1	Research Papers Published in International Journals	3	Papers Presented in Seminars/ Conferences	2	Seminars/ Conferences Organized	0	Research Projects (Completed)	-
Books (Co-authored)	-	Research Papers Published in Other Journals	-	Seminar/ Conferences Attended	5	Workshops Organized	-	Research Projects (Ongoing)	2
Books (Edited)	-	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	-	Sessions Chaired in Seminars/ Conferences	-	Membership of Academic/ Professional Bodies		Foreign Countries Visited for Academic Assignments	-
Chapters in Edited Books	3			Resource Lectures Delivered	-				

Details of Publications /Academic Activities (2010 Onwards)				
<u>(a) Books / Monographs</u>				
Year of Publication	Title	Publisher	ISBN	Co-Author (s) (if any)
2023	SOLAR ENERGY ADVANCEMENTS AND APPLICATION	SIPH	978-93-5757-421-1	Dr. Hari Kumar Singh
<u>(b) Papers Published in Indexed/ Peer Reviewed Journals</u>				
Year of Publication	Title	Journal	ISSN/ Indexing	Co-Author (s) (if any)
2020	Akriti Garg and Dr. Bhupal Singh and Dr. Anil Kumar Rai “A Review on Solar PV Control using MPPT” in “SCOPUS Journal of XI’AN University of Architecture & Technology, 2021.	SCOPUS	1006-7930	Dr. Bhupal Singh, Dr. Anil Kumar Rai
2021	Akriti Garg and Dr. Bhupal Singh and Dr. Anil Kumar Rai “Design & Simulation of CUK converter based MPPT control scheme for PV array using Double Diode Model “ has been Published in SCOPUS Journal of XI’AN University of Architecture & Technology, 2021.	SCOPUS	1006-7930	Dr. Bhupal Singh, Dr. Anil Kumar Rai
2023	REVIEW PAPER ON EFFICIENCY IMPROVEMENT OF SOLAR PV ARRAY AND IOT BASED MODERN TECHNIQUES FOR PERFORMANCE ENHANCEMENT	Conference		Dr. Atul Sarojwal
<u>(c) Articles</u>				
<u>(d) Seminar/Conference Presentations</u>				
<u>(e) Resource Lectures Delivered</u>				
<u>(f) Seminars/Conferences/Workshops Organized-</u>				
<u>(g) Public Service / University Service / Consulting Activity</u>				
<u>(h) Memberships of Academic/Professional Bodies</u>				
Projects (With Title, Year, Grants, Funding Agency and Collaborations)				
-				
Administrative Positions/Assignments Held				
-				
Academic Foreign Visits				
-				
Any Other Details				
I am currently working with Kartawya NGO for the upliftment of economically weaker section of the society in Bareilly.				

Signature of Faculty Member
(in Hard Copy Only)

Note: Please submit this file to E-mail ID: rkg@mjpru.ac.in through your own E-mail ID.