




महात्मा ज्योतिबा फुले
कृषिविद्यालय, बरेली

Faculty Profile on University Website

www.mjpru.ac.in

Title	Mr.	First Name	Varun Pratap	Last Name	Singh	
Designation						
Department		Electronics & Communication Engineering				
Address		DEppt. Of ECE , FET , MJPRU Bareilly 243006				
(Campus)						
(Residence)		668, Kali Charan Marg Subhash Nagar Bareilly				
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Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution	Year	Details/Thesis Topic/Subjects			
B.Tech.	U.P Technical University(now Dr. APJAKTU), Lucknow (U.P.)	2009.	Electronics & communication			
M.Tech.	Uttarakhand Technical University Dehradun	2016	Digital Communication			
Career Profile						
Organization / Institution	Designation	Duration	Role			
Department of Electronics & Communication engineering FET, MJP Rohilkahnd University Bareilly during	Guest Faculty	session 2017-18, session 2018-19 session 2019-20.	Teaching			
Prem Prakash Gupta Institute of Engineering Bareilly affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow (U.P),	Assistant Professor	1 st July 2010 to 9 Aug. 2017.	Teaching and Administrative both			
Research Interests / Specialization						
VLSI design Reversible logic & quantum Computation Physics & properties of Semiconductor devices						
Teaching Experience (Subjects/Courses Taught)						
Basic Electronics Engineering VLSI Design Analog and Digital electronics Electronic Devices Advance Digital design & Verilog						
Honors & Awards						

Publications /Academic Activities (Numbers Only)									
Books & Monographs (Single Author)	-	Research Papers Published in International Journals	2	Papers Presented in Seminars/ Conference	2	Seminars/ Conferences Organized		Research Projects (Completed)	
Books (Co-authored)	-	Research Papers Published in Other Journals	-	Seminar/ Conferences Attended	4	Workshops Organized		Research Projects (Ongoing)	
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	-			Resource Lectures Delivered					

Details of Publications /Academic Activities (2010 Onwards)

(a) Books / Monographs

Year of Publication	Title	Publisher	ISBN	Co-Author (s) (if any)

(b) Papers Published in Indexed/ Peer Reviewed Journals

Year of Publication	Title	Journal	ISSN/ Indexing	Co-Author (s) (if any)
2016	Design of ALU Based on Reversible Gates	<i>International Journal of Advanced research in Electrical, Electronics and Instrumentation Engineering</i>	e-ISSN: 2278-8875	Manish Rai, Ramapati Mishra ”
2015	Varun Pratap Singh, , ”Efficient carry skip Adder design using full adder and carry skip block based on reversible Logic	”, <i>American Journal of Engineering Research (AJER)</i>	e-ISSN: 2320-0847 p-ISSN : 2320-0936.	Shiv Dayal, Manish Rai

(c) Articles

(d) Seminar/Conference Presentations

Varun Pratap Singh, Manish Rai, “**Reversible Adder-Subtractor Circuit With Carry and Borrow Propagate Facility**”, proceedings of *International Conference on Advances in Computing, Communication & Automation fall (ICACCA 2017)*, cosponsored by IEEE (Date of Conference: 15-16 Sept. 2017, Electronic ISBN: 978-1-5090-6403-8, Print on Demand ISBN: 978-1-5090-6404-5, INSPEC Accession Number: 17732212 DOI: 10.1109/ICACCAF.2017.8344704, Publisher: IEEE).

Varun Pratap Singh, Manish Rai, “ Verilog Design of Full Adder Based on Basic Reversible Gates ”, proceedings of <i>International Conference on Advances in Computing, Communication & Automation fall (ICACCA 2016)</i> , cosponsored by IEEE (Electronic ISBN: 978-1-5090-3480-2, Print on Demand(PoD) ISBN: 978-1-5090-3481-9 INSPEC Accession. No. : 16484563, DOI: 10.1109/ ICACCAF.2016. 7748977, Publisher: IEEE).
<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)
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Administrative Positions/Assignments Held
-
Academic Foreign Visits
-
Any Other Details
-

Signature of Faculty Member
(in Hard Copy Only)

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