

Research Experience in Years				15 years					
No of Research Scholars Successfully Guided									
Name of Programme		Awarded		Under Supervision					
Ph.D.		Pursuing(IIT , BHU)							
M.Phil.									
Dissertation (M.Ed./M.A.)									
Researcher/ Expert ID	Scopus	Orchid	Publons	Vidwan	Google Scholar				
	sumitsrivastava@mjpru.ac.in	0000-0003-4861-0185	sumitsrivastava@mjpru.ac.in	165453	sumitsrivastava@mjpru.ac.in				
Teaching Experience (Subjects/Courses Taught)									
Antenna and Wave Propagation , EMFT, Microwave Engineering, DSP architecture, Satellite Communication									
Honours / Awards & Fellowship FOR OUTSTANDING WORK									
Name of Award/ Fellowship		Awarded By							
		Name of Governmental Agency	Name of Government Supported Organization/ Department	Name of International Recognized Body					
QIP Fellowship (2017)		AICTE							
Global Faculty Award 2020						AKS Worldwide Education			
Dr. Sarvepalli Radhakrishnan Best Faculty Award 2021						CPACE			
Publications /Academic Activities (Numbers Only)									
Books & Monographs (Single Author)		Research Papers Published in International Journals	20	Papers Presented in Seminars/ Conferences	12	Seminars/ Conferences Organized	01	Research Projects (Completed)	
Books (Co-authored)		Research Papers Published in Other Journals		Seminar/ Conferences Attended	15	Workshops Organized		Research Projects (Ongoing)	
Books (Edited)		Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/ Conferences		Members hip of Academic / Professional Bodies	IEEE & MTT-S	Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books				Resource Lectures Delivered	12				

Details of Publications /Academic Activities (2010 Onwards)											
(a) Authored Books/ Monographs											
Name of Book		Year of Publication		Publisher		ISBN No					
Microwave and Radar engineering		2021		BFC Publication Private Limited		978-93-5509-174-1					
Smart Manufacturing		2022		RK Publication Private Limited		978-93-95331-38-8					
(b) Edited Books											
Year of Publication		Title		Publisher		ISBN		DOI No.		Citations	
2022		Wide band Microstrip Patch Antenna Array with Parasitic element for automotive radar applications		IEEE		978-9-4639-6-8058					
2022		A Novel H-Shaped Microstrip Patch Antenna Array for Automotive Radar Applications,2022		IEEE		978-9-4639-6-8058					
2021		Design & Simulation of Low Profile Wide Band Circularly Polarized Patch Antenna		IEEE		978-1-6654-0110-4					
(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals											
Year of Publication		Title		Name of Journal		ISSN No		Citations		Impact Factor	
2023		Spatial upscaling based Algorithm for detection and estimation of hazardous gases		IEEE Access(SCI)		ISSN: 2169-3536				5	

	(2023)				
2023	A novel data-driven technique to produce multi-sensor virtual responses for gas sensor array-based electronic noses(2023)	Journal of Electrical Engineering(SCI IE)	eISSN: 1339-309X		1
2022	UAV computing-assisted search and rescue mission framework for disaster and harsh environment mitigation,2022	Drones(SCI)	ISSN:2504-446X	40	5
2022	Hybrid Visual and Optimal Elliptic Curve Cryptography for Medical Image Security in IOT, 2022	ECTI-CIT Transactions (Scopus)	ISSN: 2286-9131		1
2018	Design and Analysis of Single notch band UWB antenna ,Vol-7 Issue -7 April 2018	Review of Research (UGC Approved)	2249-894X		5
2017	Design and Analysis of Microstrip Patch antenna for WiMAX Application, Vol.7 Issue 3 , Dec -2017	Review of Research (UGC Approved)	2249-894X		5
2018	Comparison of phased array steerable beam antennas for 5G Mobile applications	Invertis Journal of Science & Technology	Print ISSN : 0973-8940. Online ISSN : 2454-762X.		5.932
2017	Design And Analysis of 5g Antennas For Mobile Applications	International journal for research in applied science and engineering technology	ISSN no. 2321:9653		7.429
2015	Effect of Slots on Performance of the Microstrip	International Journal of Electrical	ISSN(O): 2321-2055 ISSN(P):23	04	2.71

	Patch Antenna	and Electronics Engineers (IJEET)	21-2047		
2015	Effect of Meta Material on performance of Microstrip Antenna	International Journal of Research Fellow for Engineering	ISSN-2320- 7396		
2014	Low cost E- shaped Microstrip patch antenna array for WLAN	International Journal for Advanced Research in Electrical, Electronics, Instrumentatio ns Engineering	ISSN No. (print): 2320-3765 ISSN No. (online) : 2278-8875	06	7.122
2013	Design and Simulation of Wide band hut Shaped Patch Antenna pg No. 1-4, volume 3 Issue-1 Feb-2013	Indian Streams Research Journal	2230-7850		5.16

(d) Chapter/Paper Published in Edited Books

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	ISBN	YE AR	DOI	Citation Google/ web of science
National	International							
	INTERNATIONAL	USRI – AT-AP-RASC-2022	Wide band Microstrip Patch Antenna Array with Parasitic element for automotive radar applications	IEEE	978-9-4639-6-8058	2022		
	INTERNATIONAL	USRI – AT-AP-RASC-2022	A Novel H-Shaped Microstrip Patch Antenna Array for Automotive Radar Applications,2022	IEEE	978-9-4639-6-8058	2022		
	INTERNATIONAL	INCAP 2021	Design & Simulation of Low Profile Wide Band Circularly Polarized Patch Antenna	IEEE	978-1-6654-0110-4	2021		

(e) Invited as Resource Lectures Person/Examiner/Expert

Resource person	Detail of Event	Title of Lecture	Date	Institution
Resource person	Workshop and hands on Training on Instrumentation		28 Jan-01 Feb 2019	BHU, Varanasi

Resource person	Workshop and hands on Training on Instrumentation		26 Dec-31 Dec 2018	BHU, Varanasi
Expert	Expert Talk	CRO and Advanced CRO	20 Apr- 21 Apr 2010	Invertis University, Bareilly

(f) Seminars/Conferences/Workshops Organized

(g) Patent (With Title, Year)

Name of the Patent awarded	Year of award	International / National
low cost parasitic patch array antenna for automotive Radar Application	2021	National
Validating space health care transactions using block chain proof - of-work , systems and techniques	2022	National
Python Programming for analyzing the properties of air craft structural element	2022	National

(h) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To
Assistant Dean Student Welfare (ADSW)	MJPRU, Bareilly	2014	2017
Assistant Dean Student Welfare (ADSW)	MJPRU, Bareilly	2020	Till now
President(Rohilkhand University Teachers Association)(RUTA)	MJPRU Campus	2015	2017
Placement cell Member	MJPRU Campus	2011	2013
Member, University Examination committee	MJPRU Campus	2015	2017

(i) Seminar/Conference Presentations

1. Present a paper on **“Wide band Microstrip Patch Antenna Array with Parasitic element for automotive radar applications”** in 2022 URSI Asia-Pacific Radio Science Conference (URSI AP-RASC) (IEEE) held in, **Gran Canaria (Spain)**, 29 May – 3 June 2022
2. Present a paper on **“A Novel H-Shaped Microstrip Patch Antenna Array for Automotive Radar Applications”** in 2022 URSI Asia-Pacific Radio Science Conference (URSI AP-RASC) (IEEE) held in, **Gran Canaria (Spain)**, 29 May – 3 June 2022
3. Present a paper on **“Design of Tri-band L Shaped Parasitic Patch Antenna”** in 2019 **URSI Asia-Pacific Radio Science Conference (AP-RASC),(IEEE)** held in **New Delhi** on 9-15 March , 2019.
4. Present a paper on **“Evolution and performance of 5G Technology”** in International seminar on Advanced Computing Technology (ACT-2016) held in Invertis University ,Bareilly on 18-19 November 2016
5. Present a paper on, **“Effect Of Slots On The Performance Of The Microstrip Patch Antenna”** in International Conference on Academic Research in Engineering, Management and Information Technology held in MJPRU, Bareilly on 21-23 Feb, 2015.
6. Present a paper on, **“Design and Analysis of Rectangular Patch Microstrip Patch Antenna with defected ground plane for WiMax application”** in DIGNATE ETEECT-

2014.
7. Present a paper on “Compact High Gain Two Element Microstrip Antenna Array For Wireless Applications” in National Conference on Advance in Electronics and Communication Engineering held in MJPRU, Bareilly on 27-28 march, 2014.
8. Present a paper on “Analysis of multiband microstrip antenna” in National Conference held in Indraprastha Engineering College, Gaziabad on 5-6 April, 2013.
9. Present a paper on “Analysis of Rectangular Microstrip antenna with multi slots” in National Conference held in BBDIT, Gaziabad on 15-16 march, 2013.
10. Present a paper on “Generation of Mobile Wireless Technology” in National Seminar SAET held in MJPRU, Bareilly on 17 Feb, 2012.
11. Present a paper on “Performance of Rectangular Microstrip Antenna Loaded with Three Slots” in National Seminar SAET held in MJPRU, Bareilly on 17 Feb, 2012.
12. Present a paper on “Simulation of S-shape Multiband Micro strip Antenna Using IE3D” in National Conference (NSI-36) held in Invertis University, Bareilly on 20-22 Oct, 2011.
13. Present a paper in National Seminar on “Dual Band S Shape Micro strip Antenna For Wireless LAN” will held on 14-15 April 2011 at Delhi (by ICEIT).
14. Present a paper in National Seminar on “Simulation of Dual Band Dual Slot Micro Strip Antenna for Wireless Communication” will held on 2-3 April 2011 at VCE, Meerut.
(j) Memberships of Academic/Professional Bodies IEEE and MTT-S
(m) Any Other Details
1. Worked as Observer and Assistant Center Superintendent in different examinations conducted by MJP Rohilkhand University.

Signature of Faculty Member