




महात्मा ज्योतिबा फुले
कृषिविज्ञान संस्थान, बरेली

Faculty Profile on University Website

www.mjpru.ac.in

Title	Dr.	First Name	ATUL	Last Name	SAROJWAL	Photograph
Designation		ASSISTANT PROFESSOR				
Department		ELECTRICAL ENGINEERING				
Address	Campus	EE DEPARTMENT, IET, MJP ROHILKHAND UNIVERSITY, BAREILLY-243006, U.P.				
	Residence	423-INDRA NAGAR, BAREILLY, U.P.				
Mobile No.		9411698867				
Email ID		Personal		atulkingpin@gmail.com		
		University Domain		as@mjpru.ac.in		
Professional Networking ID, i.e. LinkedIn, Twitter etc.						
Educational Qualifications (Graduation Onwards)						
Course/Degree		Institution		Year	Details/Thesis Topic/Subjects	
PH.D.		INVERTIS UNIVERSITY, BAREILLY, UP		2019	Thesis topic: DESIGN, FABRICATION & TESTING OF A NOVEL ANTI-COLLISION SYSTEM FOR LOCOMOTIVES	
BACHELOR OF ENGINEERING (GOLD MEDALLIST)		SRMSCET, BAREILLY, U.P.		2003	Subjects: ELECTRICAL & ELECTRONICS	
Career Profile						
Organization / Institution		Designation		Duration	Nature of Duties	
MJPRU, BAREILLY		ASSISTANT PROFESSOR		AUG 2008 – CONTINUED	TEACHING	
SRMSCET, BAREILLY		ASSISTANT PROFESSOR		JULY 2005 – AUG 2008	TEACHING	
E.E. PROJECT NEW DELHI, CEIS NEW DELHI, K COMP BAREILLY.		ENGINEER		NOV 2003 – JUNE 2005	ENGINEERING & PROJECT WORKS	
Research Interests / Specialization						
TRACTION [ANTI - COLLISION SYSTEM FOR LOCOMOTIVES] PATENT OF RESEARCH WORK IS UNDER PROCESS						
Research Experience in Years: 08 YEARS						

No of Research Scholars Successfully Guided					
Name of Programme		Awarded		Under Supervision	
Ph.D.					
M.Phil.					
Dissertation (M.Ed./M.A.)					
Researcher/ Expert ID	Scopus	Orchid	Publons	Vidwan	Google Scholar
Teaching Experience (Subjects/Courses Taught): 15 YEARS					
<p>SUBJECTS TAUGHT:</p> <p>BASIC ELECTRICAL ENGINEERING, ELEMENTS OF ELECTRICAL ENGINEERING ELECTRICAL MEASUREMENT & MEASURING INSTRUMENTS, CONTROL SYSTEM DIGITAL & NON LINEAR CONTROL SYSTEM, HIGH VOLTAGE ENGINEERING INSTRUMENTATION, SWITCHGEAR & PROTECTION, ELECTRICAL MACHINE-I POWER SYSTEM OPERATION & CONTROL, BIO MEDICAL INSTRUMENTATION NETWORK ANALYSIS & SYNTHESIS, POWER PLANT ENGINEERING NON CONVENTIONAL ENERGY SOURCES. TOTAL: 14</p>					
<p>LABORATORY COURSES:</p> <p>BASIC ELECTRICAL ENGINEERING LAB, SWITCHGEAR & PROTECTION LAB POWER SYSTEM LAB, PROJECT-I LAB, PROJECT-II LAB, ELECTRICAL MACHINE-I LAB, NETWORK ANALYSIS LAB, ELECTRICAL MEASUREMENT LAB, CONTROL SYSTEM LAB, POWER ELECTRONICS LAB. TOTAL: 10</p>					
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		
GOLD MEDAL (2004)		SRMSCET, BLY			
BRONZE MEDAL (2004)		SRMSCET, BLY			
GOLD MEDAL (2017) (Badminton)	MJPRU, BLY				

GOLD MEDAL (2018) (Badminton)	MJPRU, BLY		
SILVER MEDAL (2019) (Tug of War)	MJPRU, BLY		
GOLD MEDAL (2019) (Volley Ball)	MJPRU, BLY		
GOLD MEDAL (2020) (Volley Ball)	MJPRU, BLY		
GOLD MEDAL (2020) (Tug of War)	MJPRU, BLY		

Publications /Academic Activities (Numbers Only)

Books & Monographs (Single Author)	Research Papers Published in International Journals	4	Papers Presented in Seminars/ Conferences	5	Seminars/ Conferences Organized	4	Research Projects (Completed)	1
Books (Co-authored)	Research Papers Published in Other Journals		Seminar/ Conferences Attended	41	Workshops Organized	13	Research Projects (Ongoing)	
Books (Edited)	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/ Conferences		Memberships of Academic/ Professional Bodies		Foreign Countries Visited for Academic Assignments	
Chapters in Edited Books			Resource Lectures Delivered	2				

Details of Publications /Academic Activities (2010 Onwards)

(a) Authored Books/ Monographs

Name of Book	Year of Publication	Publisher	ISBN No

(b) Edited Books

Year of Publication	Title	Publisher	ISBN	DOI No.	Citations

(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals

Year of Publication	Title	Name of Journal	ISSN No	Citations	Impact Factor
Jan-Feb 2018	RF Wireless Sensor Based System For Avoidance of Locomotive Accidents due to Track Discontinuation	International Journal of Advanced Science & Research, Vol 3, Issue 1	2455-4227		5.12
Jan-Feb 2018	ZigBee Based Prototype Design of Anti-Collision System for Locomotives	International Journal of Advanced Research & Development , Vol 3, Issue 1	2455-4030		5.24
January 2019	ZigBee Wireless Sensor Based Prototype Design for Avoidance of Train Accidents due to Derailment Caused by Track Discontinuation	Journal of Emerging Technologies & Innovative Research, Vol 6, Issue 1	2349-5162		5.87
2020	Hierarchical Structure of Active Distribution Network in Power System	International Journal of Engineering and Advanced Technology	2249-8958		

(d) Chapter/Paper Published in Edited Books

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISB N	DOI	Citation Google/web of science
National	International							

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

Resource person	Detail of Event	Title of Lecture	Date	Institution
Dr ATUL SAROJWAL	ORGANIZED BY 'The Institution of Engineers'	Alternate Energy - Solar & Solar PV	21-09-2019	SRMSCET, BAREILLY
Dr ATUL SAROJWAL	ONE WEEK FACULTY DEVELOPMENT PROGRAM	ANTI-COLLISION SYSTEM OF LOCOMOTIVES	08-12 JUNE, 2020 (LECTURE ON 12-06-20)	BANSAL INSTITUTE OF ENGINEERING & TECHNOLOGY, LUCKNOW

(f) Seminars/Conferences/Workshops Organized

Workshop Conducted:

- (a).Workshop on Autonomous Robotics for B.Tech Students, Nov 15-16, 2014, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (b).Induction Workshop for B.Tech Students, May 30, 2018, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (c).Induction Workshop for B.Tech Students, Aug 16, 2018, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (d).Industry-Institute Interaction Workshop for B.Tech Students, Aug 24-25, 2018, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (e).Two days Workshop on STARTUP, Sept 29-30, 2018, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (f).One day workshop on Electrical Machines, March 13, 2019, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (g).Four day workshop on Drone Technology, July 19-24, 2019, Department of Electronics & Telecommunication Engineering, BMS College of Engineering, Bengaluru.
- (h).One day workshop on Pedagogical Techniques in Technical Education, Oct 21, 2019, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (i).One day workshop on Switchgear & Integrating Smart Switchgear, Jan 30, 2020, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (j).Two days Workshop on Occupational Health, Safety, Security & Standards, Feb 28-29, 2020, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (k). One day webinar on "Virtual Labs", June 06, 2020, Faculty of Engineering & Technology, MJP Rohilkhand University, Bareilly.
- (l). Webinar cum workshop on "Performing & Designing Experiments on Virtual Platform", June 08-17, 2020, Faculty of Engineering & Technology, MJP Rohilkhand University, Bareilly.
- (m). E-workshop on "Technological Tools and Their Management in Online Teaching", August 14-21, 2020, Faculty of Engineering & Technology, MJP Rohilkhand University, Bareilly.

FDP/ EDP Conducted:

- (a).Five days Entrepreneurship Development Programme (EDP) on Solar Energy, Feb 17-21, 2020, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.
- (b). Six days International Faculty Development Program on "Recent Trends in Electrical Engineering and Applications", Aug 08-13, 2020, Electrical Engineering Department, MJP Rohilkhand University, Bareilly.

Conference Organized/ Member:

- (a).International Conference on Academic Research in Engineering, Management & Information Technology, Feb 21-23, 2015, Faculty of Engineering & Technology, MJP Rohilkhand University, Bareilly.
- (b).International Conference on Academic Research in Engineering, Management & Information Technology, Feb 01-03, 2020, Faculty of Engineering & Technology, MJP Rohilkhand University, Bareilly.

(g) Projects (With Title, Year, Grants, Funding Agency and Collaborations)

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till

(h) Administrative Positions/Assignments Held

Post	Organization	Duration	
		From	To
INCHARGE	EE, MJPRU, BLY	DEC, 2019	CONTINUE
INCHARGE	EE, MJPRU, BLY	APRIL, 2019	AUGUST, 2019

T&P COORDINATOR OR EE	EE, MJPRU, BLY	JULY, 2019	CONTINUE
BOS INCHARGE	EE, MJPRU, BLY	JULY, 2019	CONTINUE
DEPTT LIBRARY INCHARGE	EE, MJPRU, BLY	JULY, 2019	JUNE, 2020
MEMBER ACADEMIC COMMITTEE	IET, MJPRU, BLY	SEPT, 2019	CONTINUE
T&P COORDINATOR OR EE	EE, MJPRU, BLY	SEPT, 2008	JUNE, 2017
BOS MEMBER	EE, MJPRU, BLY	JULY, 2008	CONTINUE
ACS EVALUATION	MJPRU, BLY	2016	
ACS EVALUATION	MJPRU, BLY	2017	
ACS EVALUATION	MJPRU, BLY	2018	
ACS EVALUATION	MJPRU, BLY	2019	
ACS ENTRANCE	MJPRU, BLY	23-09-20	28-09-20
DEPTT COORDINATOR OR VIRTUAL LABS	MJPRU, BLY	AUGUST, 2020	CONTINUE

(i) Seminar/Conference Presentations

Conference Presentations

2020	Design & Fabrication of RF Based Automatic Railway Crossing System	ICAREMIT
2020	Fully Automatic Distant Surveillance & Automation of Modern House	ICAREMIT
2020	Hierarchical Active Distribution Network: Characteristics & Challenges	ICAREMIT
2015	Speed Control of Separately Excited DC Motor by Using Fuzzy Logic Controller	ICAREMIT
2014	Real Time Data Measurement & Control of DC Shunt Motor Generator Set Using LABVIEW	AECE

(j) Memberships of Academic/Professional Bodies

(k) Participation in Community Service / Exchange Programme / Consulting Activity

In-charge & Founder of VANI Club in the Department of Electrical Engineering for students' activities covering academic, social, cultural & technical activities.

(l) International Academic Exposure

(m) Any Other Details

*Member of Admission Committee, Observer in many examinations, Paper setter of number of University Papers.

*Paper Setter of many renowned universities including GB Pant University, Pant Nagar; Gurukul Kangri University, Haridwar; IFTM University, Moradabad; Invertis University, Bareilly; Kumaun University, Pauri Garhwal; TMU, Moradabad.

*External Examiner in many university end semester examinations and M.Tech dissertation.

*Evaluation Work at many university end semester examination.

(n) Peer Reviewer of Journals

- Peer Reviewer of "Invertis Journal of Renewable Energy".

Signature of Faculty Member