


## Faculty Profile on University Website

www.mjpru.ac.in

Title	Dr.	First Name	Ashish Kumar	Last Name	Jain	Photograph
Designation		Associate Professor				
Department		Electronics & Instrumentation Engineering				
Address (Campus)		Faculty of Engineering & Technology, M.J.P. Rohilkhand University, Bareilly (Uttar Pradesh) 243006				
(Residence)		H.No.92-A, Sector-5,Greator Green park, Bareilly-06				
Phone No (Campus)						
(Residence)						
Mobile		+91-9410246159				
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Email		<a href="mailto:ashish.jain@mjpru.ac.in">ashish.jain@mjpru.ac.in</a> , <a href="mailto:akjain00@gmail.com">akjain00@gmail.com</a>				
Web-Page						
Educational Qualifications (Graduation Onwards)						
Course/Degree		Institution		Year	Details/Thesis Topic/Subjects	
Ph.D. (Control & Automation)		I.I.T. Delhi		2020	Control of uncertain nonlinear systems with unknown time delay.	
M.E. (Instrumentation & Control)		NITTTR, Chandigarh (Panjab University)		2011		
B.E. (Electronic Instrumentation & Control)		Govt. College of Engineering, Kota (Rajasthan)		2000		
Career Profile						
Organization / Institution			Designation	Duration	Nature of Duties	
M.J.P. Rohilkhand University, Bareilly			Associate Professor	03-02-2020 to Till date	Teaching	
M.J.P. Rohilkhand University, Bareilly			Assistant Professor (Stage-3)	10-10-2014 to 02-02-2020	Teaching	
M.J.P. Rohilkhand University, Bareilly			Sr. Lecturer	10-10-2009 to 10-10-2014	Teaching	
M.J.P. Rohilkhand University, Bareilly			Lecturer	10-10-2002 to 10-10- 2009	Teaching	
Institute of Engineering & Technology, M.I.A., Alwar (Raj.)			Lecturer	16-07-2001 to 30-09-2002	Teaching	
Research Interests / Specialization						
Robust and adaptive control design of nonlinear systems.						
Research Experience in Years						
No. of Research Scholars Successfully Guided : Nil						
Researcher/ Expert ID	Scopus	Orchid	Publons	Vidwan	Googlae Scholar	

	98404	0000-0001-6399-2201	AAZ-8872-2020	165872	ashish.jain@mjprou.ac.in	
<b>Teaching Experience (Subjects/Courses Taught)</b>						
21 Years Analog Electronics, Linear integrated circuits, Modern Control, Automatic control system, Transducer.						
<b>Honours / Awards &amp; Fellowship FOR OUTSTANDING WORK</b>						
<b>Name of Award/ Fellowship</b>	<b>Awarded By</b>					
	<b>Name of Governmental Agency</b>	<b>Name of Government Supported Organization/ Department</b>	<b>Name of International Recognized Body</b>			
Q.I.P. Fellowship	AICTE	IIT, Delhi				
<b>Publications /Academic Activities (Numbers Only)</b>						
Books & Monographs (Single Author)	Research Papers Published in International Journals	06	Papers Presented in Seminars/ Conferences	05	Seminars / Conferences Organized	01
Books (Co-authored)	Research Papers Published in Other Journals		Seminar/ Conferences Attended	03	Workshops Organized	01
Books (Edited)	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/ Conferences	01	Membership of Academic/ Professional Bodies	02
Chapters in Edited Books			Resource Lectures Delivered	01		
						Foreign Countries Visited for Academic Assignments
<b>Details of Publications /Academic Activities (2010 Onwards)</b>						
<b>(a) Authored Books/ Monographs : Nil</b>						
<b>Name of Book</b>	<b>Year of Publication</b>	<b>Publisher</b>	<b>ISBN No</b>			
<b>(b) Edited Books : Nil</b>						
<b>Year of Publication</b>	<b>Title</b>	<b>Publisher</b>	<b>ISBN</b>	<b>DOI No.</b>	<b>Citations</b>	

**(C) Conferences**

<b>Year of Publication</b>	<b>Title</b>	<b>Publisher</b>	<b>ISBN</b>	<b>Co-Author (s) (if any)</b>
<b>2020</b>	<b>Ashish Kumar Jain</b> , Shubhendu Bhasin, “Robust backstepping control of uncertain nonlinear systems with unknown time-varying input delay”, <i>accepted in IFAC-world congress, 2020, Berlin, Germany</i>	<i>IFAC</i>		Dr. Shubhendu Bhasin
<b>2018</b>	<b>Ashish Kumar Jain</b> , Shubhendu Bhasin, “Simultaneous Compensation of Unknown Time-Varying State and Input delays for Uncertain Nonlinear Systems”, <i>Submitted in 57th IEEE Conference on Decision and Control, Miami Beach, FL, USA, December 17-19, 2018</i>	<b>IEEE</b>	INSPEC Accession Number: 18396285	Dr. Shubhendu Bhasin
<b>2017</b>	<b>Ashish Kumar Jain</b> , Shubhendu Bhasin, “Uniformly Ultimately Bounded Tracking for Uncertain Euler-Lagrange Systems with Unknown Time-Varying Input Delay”, <i>IFAC-world congress 50 (1), 1415-1420, 2017, Toulough, France.</i>	<i>IFAC</i>	2405-8963	Dr. Shubhendu Bhasin
<b>2015</b>	<b>Ashish Kumar Jain</b> , Shubhendu Bhasin, “Adaptive tracking control of uncertain nonlinear systems with unknown input delay”, <i>IEEE Multi-Conference on Systems and Control, September 21-23, pp 1686-1691, 2015, Sydney, Australia</i>	<i>IEEE</i>	1085-1992	Dr. Shubhendu Bhasin
<b>2011</b>	<b>Ashish Kumar Jain</b> , Lini Mathew, S.K. Tomar, “Evolutionary Technique Based Compensator for Z – shaped Pantograph System”, <i>Proceedings of the International Conf. on SocProS 2011</i> , AISC 130, pp. 1–8, IIT Roorkee.	AISC	Online ISBN: 978-81-322-0487-9	Prof. Lini Mathew, Prof. S.K. Tomar
<b>2011</b>	<b>Ashish Kumar Jain</b> , Lini Mathew , S.K. Tomar, “Applications of PSO Technique in Design and Performance Enhancement of Reduced Order Feedforward Feedback Controller”, <i>Evolving Ideas: Computing, Communication and Networking, Haldwani, Uttarakhand, March 2011</i>			Prof. Lini Mathew, Prof. S.K. Tomar
<b>2010</b>	Tomar S.K., <b>Jain A.K.</b> “Particle Swarm Optimization Based Reduced Order Models for Controller Design”, <i>XVII International Conference on System Science, Poland</i> , pp-43, (2010).	<b>System Science</b>		Prof. S.K. Tomar

**(d) Papers Published in Indexed/ Peer Reviewed Journals**

<b>Year of Publication</b>	<b>Title</b>	<b>Journal</b>	<b>ISSN/ Indexing</b>	<b>Impact Factor</b>
<b>2023</b>	<b>Ashish Kumar Jain</b> , Atul Katiyar, “Robust adaptive control design of nonlinear systems with input delay”, <i>International Journal of Adaptive Control and Signal Processing</i> , 2023;1–10.	<i>International Journal of Adaptive Control and Signal Processing</i> ,	1099-1115	<b>3.369</b>
<b>2020</b>	<b>Ashish Kumar Jain</b> , Shubhendu Bhasin, “Robust backstepping control of uncertain nonlinear systems with unknown time-varying input delay”, <i>accepted in IFAC-world congress, IFAC-PapersOnline, 2020, Berlin, Germany</i>	<i>IFAC-PapersOnline</i>	2405-8963	<b>1.1</b>
<b>2020</b>	<b>Ashish Kumar Jain</b> , Shubhendu Bhasin, “Tracking Control of Uncertain Nonlinear Systems with Unknown Input Delay”, <i>IEEE/CAA Journal of Automatica Sinica</i> , Vol. 7, NO. 2, March 2020	<i>IEEE/CAA Journal of Automatica Sinica</i>	ISSN: 2329-9266 / 2329-9274	<b>11.8</b>

<b>2019</b>	<b>Ashish Kumar Jain</b> , Shubhendu Bhasin, "A Robust Delay Compensator for Uncertain Non-linear Systems with Unknown Time-varying Input Delay", <i>ASME J. Dyn. Sys., Meas., Control</i> <b>141(11), 114501, 2019</b>	<i>ASME Journal of Dynamics, Measurement &amp; Control</i>	ISSN : <b>0022-0434 / 1528-9028</b>	<b>1.7</b>
<b>2019</b>	<b>Jain A.K.</b> , Bhasin S. "Global tracking of nonlinear systems with simultaneous unknown time-varying state and input delays". <i>Int. J. Robust Nonlinear Control</i> . <b>2019; 1–12.</b>	<i>International Journal of Robust Nonlinear Control</i>	ISSN: <b>1049-8923 / 1099-1239</b>	<b>3.9</b>
<b>2017</b>	<b>Ashish Kumar Jain</b> , Shubhendu Bhasin, "Uniformly Ultimately Bounded Tracking for Uncertain Euler-Lagrange Systems with Unknown Time-Varying Input Delay", <i>IFAC-PapersOnline</i> , <b>50 (1), 1415-1420, 2017</b>	<i>IFAC-PapersOnline</i>	2405-8963	<b>1.1</b>

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

Resource person	Detail of Event	Title of Lecture	Date	Institution
	M.E. Programme	Digital Control	11-18 June 2011	NITTTR, Chandigarh

**(f) Seminar/Conference Presentations**

- 1. Evolving Ideas: Computing, Communication and Networking, Haldwani, Uttarakhand, March 2011.*
- 2. International Conf. on SocProS 2011, IIT, Roorkee*
- 3. IEEE Multi-Conference on Systems and Control, September 21-23, 2015, Sydney, Australia*

**(h) Seminars/Conferences/Workshops Organized**

1. International Workshop on "Autonomous Vehicles and Mobile Robotics-2014, 6-8 July, 2014, IIT, Delhi

**(i) Memberships of Academic/Professional Bodies:** (1) Fellow, IETE, (2) Life Member, ISTE

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

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

Robust Backstepping Control of Uncertain Nonlinear Systems with Unknown Input Delay, 2020, under seed grant of Rupees 2.0 Lac, NPIU, MHRD

**(k) Administrative Positions/Assignments Held**

Assistant Director, Directorate of International Relations, MJPRU  
Assistant Director, Grass Root Innovation Centre, MJPRU  
Department coordinator, Training & Placement, MJPRU (July 2021-June-2023)

**(l) Academic Foreign Visits**

IEEE Multi-Conference on Systems and Control, September 21-23, 2015, Sydney, Australia

**(m) Any Other Details**

Signature of Faculty Member