




## Faculty Profile on University Website

www.mjpru.ac.in

<b>Title</b>	Dr.	<b>First Name</b>	Ashish Kumar	<b>Last Name</b>	Jain	<b>Photograph</b> 
<b>Designation</b>	Associate Professor					
<b>Department</b>	Electronics & Instrumentation Engineering					
<b>Address (Campus)</b>	Faculty of Engineering & Technology, M.J.P. Rohilkhand University, Bareilly (Uttar Pradesh) 243006					
<b>(Residence)</b>	H.No.92-A, Sector-5, Greater Green park, Bareilly-06					
<b>Phone No (Campus)</b>						
<b>(Residence)</b>						
<b>Mobile</b>	+91-9410246159					
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<b>Email</b>	<a href="mailto:ashish.jain@mjpru.ac.in">ashish.jain@mjpru.ac.in</a> , <a href="mailto:akjain00@gmail.com">akjain00@gmail.com</a>					
<b>Web-Page</b>						
<b>Educational Qualifications (Graduation Onwards)</b>						
<b>Course/Degree</b>	Institution			Year	Details/Thesis Topic/Subjects	
<b>Ph.D. (Control &amp; Automation)</b>	I.I.T. Delhi			2020	Control of uncertain nonlinear systems with unknown time delay.	
<b>M.E. (Instrumentation &amp; Control)</b>	NITTTR, Chandigarh (Panjab University)			2011		
<b>B.E. (Electronic Instrumentation &amp; Control)</b>	Govt. College of Engineering, Kota (Rajasthan)			2000		
<b>Career Profile</b>						
<b>Organization / Institution</b>			<b>Designation</b>	<b>Duration</b>	<b>Nature of Duties</b>	
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	
<b>Research Interests / Specialization</b>						
Robust and adaptive control design of nonlinear systems.						
<b>Research Experience in Years</b>						
<b>No. of Research Scholars Successfully Guided : Nil</b>						

<b>Researcher/ Expert ID</b>	<b>Scopus</b>	<b>Orchid</b>	<b>Publons</b>	<b>Vidwan</b>	<b>Googlae Scholar</b>
	98404	0000-0001- 6399-2201	AAZ-8872- 2020	165872	ashish.jain@m jpru.ac.in

**Teaching Experience (Subjects/Courses Taught)**

21 Years  
Analog Electronics, Linear integrated circuits, Modern Control, Automatic control system, Transducer.

**Honours / Awards & Fellowship FOR OUTSTANDING WORK**

<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	

**Publications /Academic Activities (Numbers Only)**

Books & Monograph s (Single Author)	Research Papers Published in International Journals	0 6	Papers Presented in Seminars/ Conferences	0 5	Seminars/ Conferenc es Organized		Research Projects (Comple d)	
Books (Co- authored)	Research Papers Published in Other Journals		Seminar/ Conferences Attended	0 3	Workshop s Organized	0 1	Research Projects (Ongoing)	01
Books (Edited)	Articles Published in		Sessions Chaired in	0 1	Membersh ip of	0 1	Foreign Countries Visited for Academic Assignmen ts	
Chapters in Edited Books	Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Seminars/ Conferences		Resource Lectures Delivered	0 1		

**Details of Publications /Academic Activities (2010 Onwards)**

(a) Authored Books/ Monographs : Nil

<b>Name of Book</b>	<b>Year of Publication</b>	<b>Publisher</b>	<b>ISBN No</b>

(b) Edited Books : Nil

<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>
2020	Ashish Kumar Jain, Shubhendu Bhasin, "Robust	IFAC		Dr. Shubhendu

	backstepping control of uncertain nonlinear systems with unknown time-varying input delay”, <i>accepted in IFAC-world congress, 2020, Berlin, Germany</i>			Bhasin
2018	Ashish Kumar Jain, 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>	IEEE	INSPEC Accession Number: 18396285	Dr. Shubhendu Bhasin
2017	Ashish Kumar Jain, 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, 2016, Toulough, France.</i>	IFAC	2405-8963	Dr. Shubhendu Bhasin
2015	Ashish Kumar Jain, 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>	IEEE	1085-1992	Dr. Shubhendu Bhasin
2011	Ashish Kumar Jain, Lini Mathew, S.K. Tomar, “Evolutionary Technique Based Compensator for Z – shaped Pantograph System”, <i>Proceedings of the International Conf. on SocProS 2011, AISC 130, pp. 1–8, IIT Roorkee.</i>	AISC	Online ISBN: 978-81-322-0487-9	Prof. Lini Mathew, Prof. S.K. Tomar
2011	Ashish Kumar Jain, 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
2010	Tomar S.K., Jain A.K. “Particle Swarm Optimization Based Reduced Order Models for Controller Design”, <i>XVII International Conference on System Science, Poland, pp-43, (2010).</i>	System Science		Prof. S.K. Tomar

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

<u>Year of Publication</u>	<u>Title</u>	<u>Journal</u>	<u>ISSN/ Indexing</u>	<u>Impact Factor</u>
2024	Ashish Kumar Jain, “Input delay compensation of nonlinear systems with uncertain time-varying parameters”, <i>European Journal of Control, 80 (2024), 101100</i>	<i>European Journal of Control</i>	Online ISSN: 1435-5671 Print ISSN: 0947-3580	2.5
2023	Ashish Kumar Jain, Atul Katiyar, “Robust adaptive control design of nonlinear systems with input delay”, <i>International Journal of Adaptive Control and Signal Processing, 2023;1–10.</i>	<i>International Journal of Adaptive Control and Signal Processing,</i>	1099-1115	3.369
2020	Ashish Kumar Jain, 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-PapersOnline</i>	2405-8963	1.1
2020	Ashish Kumar Jain, Shubhendu Bhasin, “Tracking Control of Uncertain Nonlinear Systems with Unknown Input Delay”, <i>IEEE/CAA Journal of Automatica Sinica, Vol. 7, NO. 2, March 2020</i>	<i>IEEE/CAA Journal of Automatica Sinica</i>	ISSN: 2329-9266 / 2329-9274	7.847

2019	Ashish Kumar Jain, 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> 141(11), 114501, 2019	<i>ASME Journal of Dynamics, Measurement &amp; Control</i>	ISSN : 0022-0434 / 1528-9028	1.64
2019	Jain A.K., Bhasin S. "Global tracking of nonlinear systems with simultaneous unknown time-varying state and input delays". <i>Int. J. Robust Nonlinear Control</i> . 2019; 1–12.	<i>International Journal of Robust Nonlinear Control</i>	ISSN: 1049-8923 / 1099-1239	3.897
2017	Ashish Kumar Jain, Shubhendu Bhasin, "Uniformly Ultimately Bounded Tracking for Uncertain Euler-Lagrange Systems with Unknown Time-Varying Input Delay"	<i>IFAC-PapersOnline</i>	2405-8963	1.1

**(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:** Fellow, IETE

**(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**

**(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

