

Faculty Profile on University Website www.mjpru.ac.in

Title Dr.	First	Ashish	Las	t .	Jain		Photograph		
	Name	Kumar	Nan	ne					
Designation	Associate Pr	ofessor							
Department									
Address	Faculty of E	ngineering	Р.						
(Campus)	Rohilkhand 243006	University,	esh)	96					
(Residence)	H.No.92-A, Bareilly-06	Sector-5,G		J.					
Phone No									
	(Campus)								
(Residence)	+01-041024	(150 700)	0246	<i>7</i> 1			e ₀		
Mobile	+91-941024	6159, 7906	9346	51					
Fax	1.1								
Email	ashish.jain@	mjpru.ac.ii	1, <u>ak</u>	<u>jain00(a</u>	gmail.c	<u>com</u>			
Web-Page									
Educational Qualific		luation On	war			I = (=			
Course/Degree	Institution					Topic/Su	etails/Thesis opic/Subjects		
Ph.D. (Control &	I.I.T. Delhi			2020 Co		Control	ontrol of uncertain		
Automation)							llinear systems with mown time delay.		
M.E.	NITTTR, Chandigarh			2011			•		
(Instrumentation & Control)	(Panjab University)								
B.E. (Electronic	Govt. College of			2000					
Instrumentation &	Engineering								
Control)	(Rajasthan)	,							
Career Profile	, , , , , , , , , , , , , , , , , , ,								
Organization / Instit	ution	Design	Designation Durat		ion	Nature of Duties			
M.J.P. Rohilkhand Uı			Ŭ		03-02-2020 to		Teaching		
Bareilly	•				Till date				
M.J.P. Rohilkhand Uı	niversity,	Assista	Assistant Professor		10-10-2014 to		Teaching		
Bareilly	(Stage-	(Stage-3)		02-02-2020					
M.J.P. Rohilkhand U1		Sr. Lecturer		10-10-2009 to		Teaching			
Bareilly				10-10-2014					
M.J.P. Rohilkhand U1	Lecture	Lecturer		10-10-2002 to		Teaching			
Bareilly				10-10- 2009					
Institute of Engineering	Lecture	Lecturer 16-07-		-2001 to	Teaching				
Technology, M.I.A.,				30-09-	2002				
Research Interests /	Specializatio	n							
	Robust and adaptive control design of nonlinear systems. Time-delay systems								
Research Experience	e in Years								
No. of Research Scholars Successfully Guided : Nil									

Researcher/ Expert ID	Scopus	S C)rchi	id		Publo	ns	Vid	wan			Googlae Scholar	
-	98404		000- 399-			AAZ- 2020	8872-	165	872			ashish.jain@ jpru.ac.in)m
Feaching Exp	erience ((Subjects/	Coui	rse	s Taug	ht)							
23 Years		•	. 1			. 1	a						
Analog Electro Fransducer.	onics, Lir	near integra	ated (cir	cuits, M	lodern	Contro	l, Auto	mati	c con	itro	l system,	
Honours / Aw	ards & l	Fellowship	FO	R	OUTS	TAND:	ING W	ORK					
Name of Awai	rd/	Awarded	l By										
Fellowship		Name of Name			Name	Name of Government			Name of				
		Governm	ienta	al		Supp	orted			Inter	na	tional	
		Agency				Orga	nizatio	1/]	Reco	gni	ized Body	
						Depai	rtment						
Q.I.P. Fellowsl	nip	AICTE				IIT, D	elhi						
Publications	/Acaden	nic Activit	ies (Nu	mbers	Only)			•				
Books &		earch Pape	ers	0	Papers		0	Semin				Research	
Monograph	Pub	lished in		6	Presen	ited in	5	Confe	renc	;		Projects	
s (Single		rnational			Semin			es				(Complete	
Author)	Jou	rnals			Confe			Organized			_	d)	
Books (Co-	I	search Papers			Semin		0	Work	shop			Research	01
authored)		lished in Confe			3	S		1		Projects			
		er Journals	3		Attend			Orgar			_	(Ongoing)	
Books		cles			Sessions		0	Meml	ersh			Foreign	
(Edited)		olished in			Chaire		1	ip of		1		Countries	
Chapters in	1 1	ular Fora,			Semin			Acade				Visited for	
Edited	! -	, Websites,	,		Confe			Profession al Bodies		1	ļ	Academic	
Books	Blo	•			Resou	rce	0	al Bo	dies			Assignmen	
		vspapers,			Lectur	es	1				1	ts	
	Maş	gazines etc	•		Delive	ered							
Details of Pub (a) Authored						2010 (Onward	ls)					
Name of Book Year of Pub			Publi	cat	tion Publisher				ISBN No				
(b) Edited Bo	oks : Ni	<u> </u> 											
Year of Publication	Title	Publisher		isher		ISBN D		DC	OI No. Citat		Citations		
	ees itle						<u>Pu</u>	<u>blisher</u>	ISB	<u> </u>		Co-Author (s)	<u> </u>
Publication												(if any)	

	backstepping control of uncertain nonlinear systems with unknown time-varying input delay", accepted in IFAC-world congress, 2020, Berlin, Germany			Bhasin
2018	Ashish Kumar Jain, Shubhendu Bhasin, "Simultaneous Compensation of Unknown Time-Varying State and Input delays for Uncertain Nonlinear Systems", Submitted in 57th IEEE Conference on Decision and Control, Miami Beach, FL, USA, December 17-19,2018	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</i> 50 (1), 1415-1420, 2016, Toulough, France.	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</i> , September 21-23, pp 1686-1691, 2015, Sydney, Australia	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</i> , AISC 130, pp. 1–8, IIT Roorkee.	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", Evolving Ideas: Computing, Communication and Networking, Haldwani, Uttarakhand, March 2011			Prof. Lini Mathew, Prof. S.K. Tomar
2010	Tomar S.K., Jain A.K. "Particle Swarm Optimization Based Reduced Order Models for Controller Design", XVII International Conference on System Science, Poland, pp-43, (2010).	System Science		Prof. S.K. Tomar

(d) Papers Published in Indexed/ Peer Reviewed Journals

Year of	<u>Title</u>	<u>Journal</u>	ISSN/ Indexing	Impact Factor
<u>Publication</u>				
2024	Ashish Kumar Jain, "Input delay compensation of nonlinear systems with uncertain time-varying parameters", European Journal of Control, 80 (2024), 101100	European Journal of Control	Online ISSN: 1435-5671 Print ISSN: 0947- 3580	2.6
2023	Ashish Kumar Jain, Atul Katiyar, "Robust adaptive control design of nonlinear systems with input delay", International Journal of Adative Control and Signal Processing, 2023;1–10.	International Journal of Adative Control and Signal Processing,	1099-1115	3.8
2020	Ashish Kumar Jain, Shubhendu Bhasin, "Robust backstepping control of uncertain nonlinear systems with unknown time-varying input delay", accepted in IFAC-world congress, 2020, Berlin, Germany	IFAC- PapersOnline	2405-8963	1.1
2020	Ashish Kumar Jain, Shubhendu Bhasin, "Tracking Control of Uncertain Nonlinear Systems with Unknown Input Delay", IEEE/CAA Journal of Automatica Sinica, Vol. 7, NO. 2, March 2020	IEEE/CAA Journal of Automatica Sinica	ISSN: 2329-9266 / 2329-9274	19.2

2019	Ashish Kumar Jain, Shubhendu Bhasin, "A Robust Delay Compensator for Uncertain Non-linear Systems with Unknown Time-varying Input Delay", ASME J. Dyn. Sys., Meas., Control 141(11), 114501, 2019	ASME Journal of Dynamics, Measurement & Control	ISSN: 0022-0434 /1528-9028	1.3
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.	International Journal of Robust Nonlinear Control	ISSN: 1049-8923 / 1099-1239	3.2
2017	Ashish Kumar Jain, Shubhendu Bhasin, "Uniformly Ultimately Bounded Tracking for Uncertain Euler-Lagrange Systems with Unknown Time-Varying Input Delay"	IFAC- PapersOnline	2405-8963	1.1

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

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

(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

- (i) Member, Training & Placement, MJPRU since 2020-2024
- (ii) Assistant Director, Directorate of International Relations, MJPRU since 2022-2024
- (iii) Proctor, MJPRU since 2021-2024
- (iv) Associate Director, Directorate of Research, MJPRU since 10/10/2024
- (v) Member, Executive Council, MJPRU since 22-07-2025

(l) Academic Foreign Visits

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

(m) Any Other Details