

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

Teaching Experience (Subjects/Courses Taught)

23 Years

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

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
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 Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.		Sessions Chaired in Seminars/ Conferences	0 1	Membersh ip of Academic/ Profession al Bodies	0 1	Foreign Countries Visited for Academic Assignmen ts	
Chapters in Edited Books				Resource Lectures Delivered	0 1				

Details of Publications /Academic Activities (2010 Onwards)
(a) Authored Books/ Monographs : Nil

Name of Book	Year of Publication	Publisher	ISBN No

(b) Edited Books : Nil

Year of Publication	Title	Publisher	ISBN	DOI No.	Citations

(C) Conferences

Year of Publication	Title	Publisher	ISBN	Co-Author (s) (if any)
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>	<i>IFAC</i>	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>	<i>IEEE</i>	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”, <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</i> , pp-43, (2010).	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	2.6
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	3.8
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	19.2

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 & Control</i>	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.	<i>International Journal of Robust Nonlinear Control</i>	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”	<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

- Member, Training & Placement, MJPRU since 2020-2024**
- Assistant Director, Directorate of International Relations, MJPRU since 2022-2024**
- Proctor, MJPRU since 2021-2024**
- Associate Director, Directorate of Research, MJPRU since 10/10/2024**
- 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

Signature of Faculty Member