




Faculty Profile on University Website

www.mjpru.ac.in

Title	Prof./Dr	First Name	Sharad	Last Name	Panday	Photograph
Designation		Professor				
Department		Chemistry				
Address	Campus	Dean, Faculty of Engineering & Technology, M.J.P.Rohilkhand University, Bareilly-243006				
	Residence	House No.8, Type-IV, University Campus, M.J.P.Rohilkhand University, Bareilly-243006				
Mobile No.		9412485450				
Email ID		Personal	drsharadpandey@yahoo.com			
		University Domain	skpandey@mjpru.ac.in			
Professional Networking ID, i.e. LinkedIn, Twitter etc.		Linkedin ID: skpandey@mjpru.ac.in				
Educational Qualifications (Graduation Onwards)						
Course/Degree	Institution	Year	Details/Thesis Topic/Subjects			
B.Sc.	Lucknow University, Lucknow	1985	Chemistry, Botany, Zoology			
B.Sc.(Hons.)	Lucknow University, Lucknow	1986	Chemistry			
M.Sc.(Special)	Lucknow University, Lucknow	1987	Chemistry			
Ph.D.	Central Drug Research Institute, Lucknow (Registered through Avadh University, Faizabad)	1992	Chemistry			
Career Profile						
Organization / Institution	Designation	Duration	Nature of Duties			
Medicinal Chemistry Divison, Central Drug Research Institute, Lucknow	J.R.F.	April 1988- March 1990	Research			
Medicinal Chemistry Divison, Central Drug Research Institute, Lucknow	S.R.F.	April 1990- March 1993	Research			
Ranbaxy Labs. Ltd., N. Delhi	Research Scientist	March 1993- July 1993	Research			
Medicinal Chemistry Divison, Central Drug Research Institute, Lucknow	Research Associate	August 1993- December 1993	Research			
Institute de Chimie des Substances Naturelles, Centre Nationale de la Recherché Scientifique, Avenue de la Terrase, F-91198, Gif-sur-Yvette, Cedex, France	CNRS Post Doctoral Fellow	January 1994- December 1995	Research			
Department of Chemistry, Faculty of Engineering & Technology, M. J. P. Rohilkhand University, Bareilly	Lecturer	February 29, 1996- February 28, 2000	Teaching, research and administrative			
--Do--	Sr. Lecturer	February 29, 2000-	Teaching, research and			

		September 28, 2002	administrative		
--Do--	Reader	September 28, 2002- December 31, 2005	Teaching, research and administrative		
--Do--	Associate Professor	January 01, 2006- June 30,2010	Teaching, research and administrative		
--Do--	Professor	July 01, 2010- till date	Teaching, research and administrative		
Research Interests / Specialization					
Synthetic organic chemistry, Medicinal Chemistry, asymmetric synthesis, Synthesis of unnatural aminoacids					
Research Experience in Years: 28 Years after Ph.D.					
No of Research Scholars Successfully Guided					
Name of Programme	Awarded	Under Supervision			
Ph.D.	02	02			
M.Phil.	----	----			
Dissertation (M.Ed./M.A.)	----	----			
Researcher/ Expert ID Web of Science Researcher ID: AAP-3187- 2020	Scopus	Orcid	Publons	Vidwan	Google Scholar
	7004450627	0000-0001- 6588-3690	skpandey@mjpru. ac.in	165286	hod.ch@mjpru. ac.in
Teaching Experience (Subjects/Courses Taught): 24 Years and 6 months					
Chemistry-I, (B.Tech. I Semester),					
Environmental Chemistry (B.Tech. II Semester),					
Pharmaceutical Chemistry (Natural product chemistry)(B.Pharm. III Semester) (Applied organic Chemistry (B.Tech III Semester, CH branch)					
Medicinal Chemistry (B.Pharm. VI Semester),					
Chemistry-I lab (B.Tech. I Semester)					
Applied Organic Chemistry lab (B.Tech III Semester, CH branch),					
Pharmaceutical chemistry lab (B.Pharm. III Semester)					
Organic Chemistry-I& II(M.Sc.I& II Semester)					
Medicinal Chemistry I&II(M.Sc.III& IVSemester),					
Organic synthesis lab(M.Sc III& IV Semester)					
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		
CSIR-UGC Joint Junior Research Fellowship	CSIR	Central Drug Research Institute, Lucknow	Council of Scientific and Industrial Research, N. Delhi		

CNRS Post Doctoral Fellow	Centre Nationale De La Recherche Scientifique (CNRS)	Institut de Chimie des Substances Naturelles, Avenue de la Terrasse, Gif-sur-Yvette, France	Centre Nationale De La Recherche Scientifique (CNRS), France
Best Achievement award in organic/Medicinal Chemistry	Global Society for Health and Educational Growth, N.Delhi	Global Society for Health and Educational Growth, N.Delhi	Global Society for Health and Educational Growth, N.Delhi
Distinguished Faculty Award in Organic/Medicinal Chemistry (VIFA-2016)	Venus International Foundation, Chennai	Venus International Foundation, Chennai	Venus International Foundation, Chennai

Publications /Academic Activities (Numbers Only)

Books & Monographs (Single Author)		Research Papers Published in International Journals:	16	Papers Presented in Seminars/ Conferences:	05 (International)	Seminars/ Conferences Organized	05	Research Projects (Completed):	03
Books (Co-authored)	--	Research Papers Published in Other Journals:	06	Seminar/ Conferences Attended		Workshops Organized	03	Research Projects (Ongoing)	01 minor
Books (Edited)	3	Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.	----	Sessions Chaired in Seminars/ Conferences	04	Memberships of Academic/ Professional Bodies	04	Foreign Countries Visited for Academic Assignments	01
Chapters in Edited Books:				Resource Lectures Delivered	02				

Details of Publications /Academic Activities (2010 Onwards)					
(a) Authored Books/ Monographs					
Name of Book	Year of Publication	Publisher	ISBN No		
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(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
2010	An Efficient Synthesis of (5S)-1-benzyl5-(1Himidazol-1ylmethyl)-2pyrrolidinone(MM1): A novel antihypertensive agent	Medicinal Chemistry Research, 19, PP S73-S74	ISSN :1054-2523 (print); 1554-8120 (web)	-----	1.78
2011	A Straight Forward and Facile Approach towards the N-derivatization of Pyroglutamates through Mitsunobu Reaction: Synthesis of N-alkyl/ N-acyl Pyroglutamates	Synthetic Communications , Online: 30 Jun 2011, PP 41, 3654-3661 (2011, Print)	ISSN 0039-7911(Print) 1532-2432(web)	06	1.4
2011	Advances in the chemistry of proline and its derivatives: an excellent amino acid with versatile applications in asymmetric synthesis	Tetrahedron: Aymmetry, 22, 1817-1847 (2011)	ISSN: 0957-4166	104	2.6
2011	An efficient and	Medicinal	ISSN : 1054-	07	1.78

	straight forward synthesis of (5S)-1-benzyl-5(1H-imidazol-1-ylmethyl)-2pyrrolidinone (MM1): a novel antihypertensive agent	Chemistry Research, 21 (3),04-01-2011 (online): PP 321-324 (2012)	2523 (print); 1554-8120 (web)		
2012	Acid catalyzed condensation of pyroglutamic acid with arylaldehydes: Synthesis of (3R, 7aS)-3aryldihydropyrrolo [1, 2-c] oxazol-1, 5(3H, 6H) dione;	Indian Journal of Chemistry Section B 51(12) PP 1781-1784 (2012)	ISSN: 0975-0983 (Online); 0376-4699 (Print)	03	0.6
2015	An efficient and straight forward strategy for the synthesis of enantiomerically pure (S)-1benzyl-5(alkyl/aryl amino methyl) pyrrolidin-2-ones	Indian Journal of Chemistry Section B 54(07), PP 936-939(2015)	ISSN: 0975-0983 (Online); 0376-4699 (Print)	03	0.6
2018	Sharad Kumar Panday Sodium Enolate Derived Reactions of N-Boc and N-benzyl-2-(S) Pyroglutamates with Electrophiles: Synthesis of 4-Substituted and 2-Substituted Pyroglutamates	Current Bioactive Compounds Vol. 14 (3),248-253 (2018)	ISSN: 1875-6646 (Online) ISSN: 1573-4072 (Print)	----	0.8
2019	Advances in the Mitsunobu	Mini-Reviews in Organic	ISSN: 1875-6298 (Online)	03	1.824

	Reaction: An Excellent Organic Protocol with Versatile Applications	Chemistry, 16 (2), PP 127-140 (2019)	ISSN: 1570-193X (Print)		
2020	Pyroglutamic Acid and its Derivatives: The Privileged Precursors for the Asymmetric Synthesis of Bioactive Natural Products	Mini-Reviews in Organic Chemistry, Vol.17(6), PP 626-646 (2020)	ISSN: 1875-6298 (Online) ISSN: 1570-193X (Print)		1.824
2020	Asymmetric synthesis of 2, 4, 5-substituted prolines through 1, 3-dipolar addition reaction of N-arylidene menthyl esters of α -aminoacid with methyl acrylate	Indian Journal of Chemistry Section B Published on line(July 2020)	ISSN: 0975-0983 (Online); 0376-4699 (Print)		0.6

(d) Chapter/Paper Published in Edited Books

Publication		Title of the Book	Title of the Chapter	Name & Address of Publisher	Year	ISBN	DOI	Citation Google/ web of science
National	International							
-----	International (invited book Chapter)	Advances in Medicine and Biology: Vol. 5	Angiotensin converting enzyme inhibitors: A class of potent antihypertensive agents	Nova Science publishers , USA	2011 (accepted in 2009)	ISBN : 978-1-60456-557-7)(ISBN: 978-1-60456-557-7)		----
National (invited book Chapter)	-----	Advancements & Futuristic Trends in Material Science	Pyroglutamic acid and its derivatives: Important precursors for natural Products as well as Bioactive molecules	Allied Publishers . N. Delhi	2011	ISBN : 978-81-8424-706-0		----

----	International (invited book Chapter)	Bio Chemistry research updates	Angiotensin converting enzyme inhibitors: A class of potent antihyperten sive agents	Nova Science publishers , USA	2012	ISBN : 978- 1- 6120 9- 700-8	----
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(e) Invited as Resource Lectures Person/Examiner/Expert

Resource person	Detail of Event	Title of Lecture	Date	Institution
Sharad Kumar Panday	IQAC workshop	Choice Based credit system(CBCS)	2015	M.J.P.Rohilkhand University
Sharad Kumar Panday	Research orientation workshop	Research bibliography & referencing	2018	M.J.P.Rohilkhand University

(f) Seminars/Conferences/Workshops Organized

1. Organized a National Seminar on “Management of Environmental Pollution For sustainable Energy Production held in April 2010 as Joint Secretary of Local Organizing Committee
2. Organized a National Seminar on “Advancements & Futuristic Trends in Material Science(AFTMS-2011)” as coordinator, Technical Committee held in April 2011 at M.J.P.Rohilkhand University, Bareilly
3. Organized one week National Workshop on “Recent Advances in Organic& Polymer Chemistry (RAOPC-1)” w.e.f. February 17-22, 2014 as **Coordinator** of Workshop
4. Organized one week National Workshop on “Innovative Research on Materials in Science and Engineering (IRMSE-2017)” w.e.f. April 17-22, 2014 as **Chairman** of workshop.

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

Year	Name of Project	Funding Agency	Amount	Duration	
				From	Till
2007	Chiral functionlization of pyroglutamates: Synthesis of Pseudodistomin an anti neoplastic piperidine alkaloid and (-)-anisomycin an antifungal antibiotic.	UGC, N. Delhi	Rs.6,09,000/=	April 2007	March 2010
2011	Synthesis of potent Angiotensin converting enzyme inhibitors as antihypertensive s	UGC, N. Delhi	Rs.8,81,000/=	July 2011	December 2014
2019	Designing and synthesis of potential ACE inhibitors and A-	TEQIP(MHRD)	Rs. 2,00,000/=	July 2019	March 2021

	II antagonists			
(h) Administrative Positions/Assignments Held				
Post	Organization	Duration		
		From	To	
Head, Deptt. of Chemistry	M.J.P.Rohilkhand University, Bareilly	Feb.1996	October 2017	
Head, Deptt. of Pharmacy	M.J.P.Rohilkhand University, Bareilly	July.1997	November 1998	
I/C IET Library	M.J.P.Rohilkhand University, Bareilly	Feb.1996	June 1997	
I/C,IET Examination	M.J.P.Rohilkhand University, Bareilly	July 1998	June 2000	
I/C, Academic	M.J.P.Rohilkhand University, Bareilly	October 2002	October 2008	
ADSW	M.J.P.Rohilkhand University, Bareilly	September 2001	January 2003	
Warden, New Boys Hostel	M.J.P.Rohilkhand University, Bareilly	December 2008	April 2011	
Chairman, IET Purchase committee	M.J.P.Rohilkhand University, Bareilly	December 2014	March 2017	
Chief, Employment Bureau	M.J.P.Rohilkhand University, Bareilly	February 2012	January 2013	
Chief co-ordinator, Entrance Cell	M.J.P.Rohilkhand University, Bareilly	February 2018	Till date	
Coordinator, Online Admission	M.J.P.Rohilkhand University, Bareilly	February 2019	Till date	
Dean, Faculty of Engineering & Technology	M.J.P.Rohilkhand University, Bareilly	June 2019	Till date	
(i) Seminar/Conference Presentations				
1. An Efficient Synthesis of (5S)-1-benzyl-5-(1H-imidazol-1-ylmethyl)-2-pyrrolidinone (MM1): A Novel antihypertensive agent; J. Prasad, M. B. Pathak and S.K.Panday , International symposium on “Current Trends in Drug Discovery and Research”(CTDDR-2010 held at Central Drug Research Institute, Lucknow, w.e.f. Feb. 17-21, 2010				
2. An Efficient and straight forward strategy for the synthesis of 5(S)- Aminoalkyl Pyrrolidin-2- ones; M. B. Pathak J. Prasad, and S.K.Panday , International symposium on “Current Trends in Drug Discovery and Research”(CTDDR-2010) held at central Drug Research Institute, Lucknow, w.e.f. Feb. 17-21, 2010				
3. A simple approach towards the synthesis of N-Benzyl-5(S) - Substituted pyrrolidin-2-one from N-benzyl-5(S) - pyroglutaminol through Mitsunobu reaction; Sharad Kumar Panday , Harish Kumar and Jagdish Prasad, International symposium on “Current Trends in Drug Discovery and Research”(CTDDR-2016) held at central Drug Research Institute, Lucknow, w.e.f. Feb. 25-28, 2016				
4. Proline catalyzed aldol reactions of pyroglutamates: Synthesis of 4-substituted pyroglutamates; Sharad Kumar Panday , harish Kumar and Munish Kumar; Three day International Conference on Emerging Materials and applications(ICEMA-2017) held at University of Allahabad w.e.f. Feb-20-22, 2017				
5. Proline catalyzed aldol/alkylation reactions of N-benzyl-2(S)-pyroglutamates : Synthesis of 2-substituted pyroglutamates; Sharad Kumar Panday , Munish Kumar and Sameer Kumar Jaggi; National Conference on recent trends and advancements in chemical sciences held at Delhi University w.e.f. March 29-31, 2019				
(j) Memberships of Academic/Professional Bodies				

1.	Life member of the Indian Chemical Society, Kolkata		
2.	Life member Chemical Research Society of India, IISC, Bangalore		
3.	Editorial board member, Indian Journal of Drugs		
4.	Life member, International Society for Research and Development, London Press		
5.	Life member, Indian Science congress, Kolkata		
(k) Participation in Community Service / Exchange Programme / Consulting Activity			
Nominated by UGC to visit Hungary under Indo-Hungarian Exchange program in 2011 (not availed).			
(l) International Academic Exposure			
CNRS Post doctoral Fellow at Institut de Chimie des Substances Naturelles, Centre Nationale de la Recherche Scientifique, Avenue de la Terrasse, F-91198, Gif-sur-Yvette, Cedx, France	January 1994	December 1995	Two Years
(m) Any Other Details			

Signature of Faculty Member