

Title	Dr.	First Name	Shiv Dev	Last Name	Singh	Photograph
Designation		Professor				
Department		Pharmacy				
Address	Campus	Department of Pharmacy, F.E.T, M.J.P.R.U. Campus, Bareilly, UP-243006				
	Residence	House B5 Type 4 MJP Rohilkhand University Campus, Bareilly, UP-243006.				
Mobile No.		9412371893, 917017477718				
Email ID		Personal	shvdv71rana@gmail.com			
		University Domain	shivdev.singh@mjpru.ac.in			
Professional Networking ID, i.e., LinkedIn, Twitter etc.		Facebook id: https://www.facebook.com/shivdev.s.rana Insta id: shvdv71rana				
Educational Qualifications (Graduation Onwards)						
Course/Degree		Institution	Year	Details/Thesis Topic/Subjects		
B. Pharm.		Gulbarga University, Karnataka	1994	Pharmacy		
M.Pharm. (Pharmaceutical Chemistry)		Rajiv Gandhi University of Health Sciences, Karnataka	1999	Synthesis and Pharmacological Evaluation of Novel Quinazolin-4(3H)-one Derivatives as Histamine H1-Receptor Antagonists		
Ph.D.		IFTM University, Moradabad	2018	Synthesis and Pharmacological evaluation of novel Thienopyrimidine Derivatives		
Career Profile						
Organization / Institution		Designation	Duration		Nature of Duties	
Department of Pharmacy MJP Rohilkhand University		Lecturer	24/03/2000 To 27/09/2007		Teaching undergraduate student	
Department of Pharmacy MJP Rohilkhand University		Lecturer Senior Scale	28/09/2007 To 25/08/2008		Teaching undergraduate students	
Department of Pharmacy MJP Rohilkhand University		Reader	26/08/2008 To 25/08/2011		Teaching undergraduate students	

Department of Pharmacy MJP Rohilkhand University Teaching	Associate Professor	26/08/2011 To 07/09/2021	Research at undergraduate and post graduation levels and undertake academic/administrative responsibilities
Department of Pharmacy MJP Rohilkhand University Teaching	Professor	08/09/2021 To Present	Research at undergraduate and post graduation levels and undertake academic/administrative responsibilities

Research Interests: Synthesis of natural and heterocyclics (quinazolinone, thienopyrimidines, coumarin and their metal complexes) and natural products, green synthesis, metallic nanoparticles, and pharmacological evaluation with current emphasis on Diabetic Foot Ulcer (DFU) and chronic kidney disease (CKD).

Teaching and research experience : 27 Years

Industrial experience: 2 Years

No of Research Scholars Successfully Guided

Name of Programme	Awarded	Under Supervision
Ph.D.	-	04
MDS	-	10
M.Pharm	12	03
Patents	4	-

Researcher/ Expert ID-

Orcid 0000-0001-7199-985X

Teaching Experience (Subjects/Courses Taught): 27 years

Theory: Medicinal Chemistry, Biochemistry, Pharmaceutical Analysis, CADD, Principal of Drug Discovery.

Practical: Synthesis of organic derivatives, Assay of drugs and chemicals.

Teaching Contribution

Programme Level	Name of the Programme	Credit	Course wise number of Lectures/Counselling Classes	Mode of Lecture/Counselling
Graduation	B. Pharm	4		Offline
Post-Graduation	M.Pharm	4		Offline
Research Work	PhD	4		Offline

Details of Publications /Academic Activities

(a) Authored Books/ Monographs

Name of Book	Year of Publication	Publisher	ISBN No
Synthesis & H ₁ -Antihistaminic Evaluation	2012	Indian Journal of Pharmaceutical Sciences	ISBN: 978-1-387-47030-3

of Novel Quinazolinone Derivatives.			
Utility of Plant sections in anxiety management	2013	Kindle direct publishing, United states	979-8-492326487
Fungal treatment of distillery Effluents	2014	lulu publication, United states	978-1-387-47030-2
Chemistry and Antimicrobial Potential of Thienopyrimidinones	2021	Lambart academic Publishing	978-620-4-20637-0
Chemistry and Pharmacology of Momordica charantia fruits	2021	Lambart academic publishing	978-620-4-20665-3

(b) Edited Books

Year of Publication	Title	Publisher	ISBN
2021	Chemistry and antimicrobial potential of thienopyrimidinone	Lap lambert academic publishing	978-620-4-20637-0
2021	Chemistry and pharmacology of <i>Momordica charantia</i> fruit	Lap lambert academic publishing	978-620-4-20665-3

(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals

S.no	Title of Paper	Authors	Journal Name	Year	UGC/Scopus/WoS	IF/Citations
1	PHARMACOLOGICAL SCREENING OF ANTI-INFLAMMATORY ACTIVITY OF METHANOLIC EXTRACT OF CASSIA FISTULA LEAVES	Yogendra pal, Prashant Kumar, Shubhankar Bharadwaj, Shiv Dev Singh, Shashi Bhooshan Tiwari	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	2021	UGC	7.97
2	THE POTENTIAL ANTIDIABETIC ACTIVITY OF PHYTOCONSTITUENTS AGAINST TYPE 2 DIABETES MELLITUS-A REVIEW ON <i>IN-VITRO</i> AND <i>IN-VIVO</i> STUDIES	Mohd.Arif, Rubi Parveen, Shashi Bhooshan Tiwari, Shiv Dev Singh	CHINA PETROLEUM PROCESSING AND PETROCHEMICAL TECHNOLOGY	2022	SCOPUS	0.8

3	A DIMINUTIVE REVIEW ON SYNTHESIS PATHWAY AND PHARMACOLOGICAL EVALUATION OF TRANSITION METAL ION COMPLEXES IN COUMARIN	Shweta Gupta , Pawan Kumar Gupta, S.B. Tiwari, Shiv Dev Singh	CHINA PETROLEUM PROCESSING AND PETROCHEMICAL TECHNOLOGY	2023	SCOPUS	0.6	
4	NEW SYNTHETIC METHODOLOGY, CHARACTERIZATION, DOCKING STUDIES AND PHARMACOLOGICAL EVALUATION OF NOVEL SUBSTITUTED 3-ALKYL AMINO QUINOLINE 4-(3H)-ONE DERIVATIVE	Shweta Gupta , Pawan Kumar Gupta, S.B. Tiwari, Shiv Dev Singh	EUROPEAN CHEMICAL BULLETIN	2023	SCOPUS	0.4	
5	ANXIOLYTIC AND ANTI-CONVULSANT EVALUATION STUDY OF METHANOLIC EXTRACT OF TECTONA GRANDIS LINN BARK	Gunjan Sharma, Shashi Bhooshan Tiwari, Shiv Dev Singh	EUROPEAN CHEMICAL BULLETIN	2023	SCOPUS	0.4	
6	PHARMACOLOGICAL EVALUATION OF ANALGESIC ACTIVITY OF N-BUTENOL AND ETHYL ACETATE EXTRACT OF MATRICARIA CHAMOMILLA IN RATS.	Swati, Shiv Dev Singh, Shashi Bhooshan Tiwari	EUROPEAN CHEMICAL BULLETIN	2023	SCOPUS	0.4	
7	A COMPARATIVE PHYTOCHEMICAL AND ANXIOLYTIC SCREENING OF ETHANOLIC EXTRACT OF LEAVES AND FLOWERS OF HIBISCUS ROSA SINENSIS LINN IN MICE.	Dhanushmita, Shiv Dev Singh, Shashi Bhooshan Tiwari	EUROPEAN CHEMICAL BULLETIN	2023	SCOPUS	0.4	

8	A COMPREHENSIVE REVIEW ON THERAPEUTIC POTENTIALS OF MACROTYLOMA UNIFLORUM EXTRACT AND THEIR NANO BASED FORMULATIONS	Mohd. Arif, Mohd. Tehseen, Shashi Bhooshan Tiwari, Shiv Dev Singh	JOURNAL OF COMPLEMENTARY MEDICINE RESEARCH	2023	SCOPUS	1.0	
9	PHARMACODYNAMIC EVALUATION OF DIETARY SUPPLEMENTATION OF AVERROA CARAMBOLA FRUIT EXTRACT AGAINST LEAD ACETATE-INDUCED HEPATOTOXICITY IN RATS	Ranjeet Singh, Neetu Sachan, Shiv Dev Singh, Phool Chandra	INDIAN DRUGS	2023	SCOPUS	0.26	
10	A COMPREHENSIVE REVIEW ON EVALUATION OF VARIOUS PHARMACOLOGICAL ACTIVITIES OF TACTONA GRANDIS LINN ROOT	Veeresh Kumar Rathour, Shiv Dev Singh	INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT	2023	UGC	8.76	
11	A CRITICAL REVIEW ON COMPUTATIONAL TECHNIQUES THROUGH IN SILICO ASSISTED DRUG DESIGN	Pawan Kumar Gupta, Yogendra Pal, Prashant Kumar, Shweta Gupta, Shiv Dev Singh, Shashi Bhooshan Tiwari	INTERNATIONAL JOURNAL OF PHARMACEUTICAL INVESTIGATION	2024	ESCI	0.4	
12	INNOVATIVE NANOCOMPOSITES: A NOVEL APPROACH FOR DIABETIC FOOT ULCER	Rubi Parveen, Farat Ali, Shiv Dev Singh	CURRENT DRUG DELIVERY	2024	SCIE, SCOPUS	2.8	

13	SYNTHESIS, MOLECULAR DOCKING AND EVALUATION STUDIES OF NOVEL 2-(N-PHENYL SUBSTITUTED)-3-ALKYL AMINO QUINAZOLINE-4(3H)-ONE DERIVATIVE FOR ANTI-INFLAMMATORY AND ANTICONVULSANT ACTIVITY.	Pawan Kumar Gupta, Shweta Gupta, Shiv Dev Singh, Shashi Bhooshan Tiwari	EUROPEAN CHEMICAL BULLETIN	2024	SCOPUS	0.4	
14	ARTIFICIAL INTELLIGENCE (AI) & COMPUTER AIDED DRUG DESIGN (CADD) FOR UTILIZATION IN PHARMACEUTICAL FIELD: A CRITICAL REVIEW	Pawan Kumar Gupta, Shweta Gupta, Shiv Dev Singh, Shashi Bhooshan Tiwari	CHINA PETROLEUM PROCESSING AND PETROCHEMICAL TECHNOLOGY	2024	SCOPUS	0.8	
15	A REVIEW ON IMMUNOPHARMACOLOGY: EMERGING CURRENT THERAPIES INVOLVED IN TARGETING AUTOIMMUNE DISEASE AND FUTURE PERSPECTIVES	Vaibhav Bhardwaj, Shiv Dev Singh, Munish Kumar, Vinay Kumar, Munish Gangwar	JOURNAL OF CARCINOGENESIS	2025	SCOPUS	0.15	
16	EMERGING NEW INSIGHTS BASED ON PATHOGENESIS OF DISTINCT HYPERTENSION INDUCING MODELS ON RODENTS: A REVIEW	Vaibhav Bhardwaj, Shiv Dev Singh, Zafar Akbar, Vinay Kumar, Munish Gangwar	BIOSCAN	2025	SCOPUS	1	
17	UNVEILING THE MEDICINAL BENEFITS, CONTEMPORARY PHYTO-PHARMACOLOGICAL POTENTIALS AND IN-SILICO STUDIES OF ACHYRANTHES ASPERA	Shreya Gupta, Prashant Kumar, Yogendra Pal, Pawan Kumar Gupta, Shiv Dev Singh, Shashi Bhooshan Tiwari	RESEARCH JOURNAL OF PHARMACY AND TECHNOLOGY	2025	SCOPUS	0.93	

18	A COMPREHENSIVE REVIEW ON PHARMACOLOGICAL PROPERTIES OF TECTONA GRANDIS. LINN.	Shava Ansari, Shweta Gupta, Sabiha Ibrahim, Shiv Dev Singh	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN SCIENCE AND TECHNOLOGY	2025	SCOPUS	8.62	
19	A REVIEW ON ANTIDIABETIC AND ANTIOXIDANT POTENTIAL OF MACROTYLOMA UNIFLORUM SEED EXTRACT: A CORRELATIVE STUDY OF DISEASE PATHWAYS	Mohd. Tahseen and Shiv Dev Singh	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN SCIENCE AND TECHNOLOGY	2025	SCOPUS/ SCIE	8.62	
20	A COMPREHENSIVE REVIEW ON CARDIOVASCULAR AND CHRONIC KIDNEY DISEASE INTERPLAY, EXPLORING BIOMARKERS AND ALGORITHMIC APPROACHES IN UNRAVELING ORGAN CROSSTALK	Prashant Kumar, Yogendra Pal, Shiv Dev Singh, Shashi Bhooshan Tiwari	Indian Journal of pharmacology	2025	SCOPUS/ SCIE	1.2	
21	RECENT ADVANCEMENT OF INDOLE SCAFFOLDS WITH PHARMACOLOGICAL POTENTIAL: A CRITICAL REVIEW	Raj Pal, Pawan Kumar Gupta, Prashant Kumar, Yogendra Pal, Shreya Gupta, Ankit Kumar Verma, Neeraj Maurya, Aeshika Sharma, Shiv Dev Singh, Shashi Bhooshan Tiwari	YMER	2025	SCOPUS	5.7	
22	RECENT ADVANCEMENT IN QUINAZOLINE MOIETIES WITH BIOLOGICAL POTENTIALS: A COMPREHENSIVE REVIEW	Ankit Kumar Verma, Prashant Kumar, Pawan Kumar Gupta, Yogendra Pal, Shreya Gupta, Rajpal1, Neeraj Maurya, Mansi Rathore, Shiv Dev Singh,	YMER	2025	SCOPUS	5.7	

		Shashi Bhooshan Tiwari					
23	SYNERGISTIC BIOACTIVITY OF COUMARIN-METAL COMPLEXES: A CHEMICAL STRATEGY FOR MULTIFUNCTIONAL DRUG DESIGN	Shweta Gupta and Shiv Dev Singh	MINI REVIEWS IN MEDICINAL CHEMISTRY	2026	SCOPUS/ SCIE	4.0	
24	SAPINDUS MUKOROSI BIO ACTIVES: ETHNOMEDICINAL IMPORTANCE, PHARMACOLOGICAL POTENTIAL AND MOLECULAR DOCKING ANALYSIS	Neeraj Kumar Maurya, Ankit Kumar Verma, Raj Pal, Prashant Kumar, Yogendra Pal, Pawan Kumar Gupta, Shiv Dev Singh, Shashi Bhooshan Tiwari	PHARMACOG NOSY RESEARCH	2026	ESCI	1.0	

(d) Manuscript Submitted (In Progress)

S.no.	Title	Authors	Journal Name	Year	Indexing	Impact factor
1	INSIGHTS INTO DIABETIC RENAL FIBROSIS: INTEGRATING PATHWAYS, BIOMARKERS, ANIMAL MODELS, AND PIONEERING TREATMENT PARADIGMS	Aadya Misra, Ayushi Kaushik , Shaily Saini, Navi Hasan , Shweta Gupta Shiv Dev Singh	CURRENT MOLECULAR MEDICINE	2026	SCOPUS/SCIE	2.9
2	FRONTIER ADVANCEMENTS IN COUMARIN-BASED NANOSYSTEMS: SYNTHETIC STRATEGIES, AND THERAPEUTICALLY	Ayushi Kaushik, Aadya misra, Shaily Saini, Shweta Gupta, Shiv Dev Singh	MINI REVIEWS IN MEDICINAL CHEMISTRY	2026	SCOPUS/SCIE	4

	OPTIMIZED NANOPLATFORMS					
3	SYNTHETIC STRATEGIES, IN-SILICO INSIGHTS AND FUTURISTICS: AN OVERVIEW OF QUINAZOLINONE DERIVATIVES FOR ANTICONVULSANT AND ANTI-INFLAMMATORY ACTIVITIES	Shaily Saini, Ayushi Kaushik, Aadya misra, Shweta Gupta, Shiv Dev Singh	CURRENT ORGANIC CHEMISTRY	2026	SCOPUS/SCIE	2.5
4	DECODING RENAL FIBROSIS: FROM MULTICELLULAR DYNAMICS TO PRECISION NEPHROLOGY	Sateesh Belemkar, Shiv Dev Singh, Navi Hasan, Sudhir Kumar, Aadya Misra,	EUROPEAN JOURNAL OF PHARMACOLOGY	2026	SCOPUS/SCIE	5.7
5	LIGAND-BASED DESIGN OF NOVEL N-BIS SUBSTITUTED COUMARIN DERIVATIVES ANTIBACTERIAL SCAFFOLDS: INTEGRATING SYNTHESIS, DFT, MOLECULAR DOCKING, AND ADMET PREDICTION	Shweta Gupta and Shiv Dev Singh	CURRENT TOPICS IN MEDICINAL CHEMISTRY	2026	SCOPUS/SCIE	3.6
6	N-BOC-2S-METHYL PYROGLUTAMATE AS POTENTIAL ANXIOLYTIC AGENT: INTEGRATED ADMET PROFILING, MOLECULAR DOCKING AND <i>IN VIVO</i> PHARMACOLOGICAL EVALUATION	Vaibhav Bhardwaj, Shaily Saini, Munish Kumar, Vinay Kumar, Vishesh Kumar Gangwar, Munish Gangwar, Sharad	RJPT	2026	SCOPUS	0.93

		Kumar Pandey, Shiv Dev Singh				
(e) Patent Published and Granted						
Year of Publication		Title	Patent no.	Level		
2023		ANALYSIS OF HERBAL COMPOSITION FOR INFLAMMATORY DISORDERS	202311039141	NATIONAL		
2024		A NOBEL MACHINE LEARNING-BASED METHOD TO EVALUATE PHYTO-CHEMICAL AND MEDICINAL PROPERTIES OF CANNABIS SATIVA LINN	202411005236	NATIONAL		
2024		SYNTHESIS, CHARACTERIZATION OF SOME 4-(4-(2-(1-(AMINOMETHYL)-2-OXOINDOLIN-3-YLIDENE)HYDRAZINE	202411028519	NATIONAL		
2026		SYNTHESIS AND COMPUTATIONAL EVALUATION OF COUMARIN BASED SILVER AND COPPER METAL COMPLEXES FOR THERAPEUTIC APPLICATIONS	202611060789	NATIONAL		
(f) FDP / STTP / Refresher / Orientation / Workshops / Seminars						
Resource person		Detail of Event	Title of Lecture	Date	Institution	
Dr. Shiv Dev Singh		KEY NOTE SPEAKER	ENHANCHING TEACHING SKILLS, RESEARCH CAPABILITIES AND OVERALL PROFESSIONAL DEVELOPMENT	14 TH /07/2025-19 TH /07/2025	INVERTIS UNIVERSITY	
(g) Consultancy / Seminars / Outreach						
S. No.	Activity Type	Title / Project / Programme	Agency / Collaborator	Year	Revenue / Participants	
1.	Seminar	Keynote Speaker	Invertis University	2025		

(h) Research Grants / Projects

PI / Co-PI	Project Title	Funding Agency & Duration	Amount (Lakh)	Status
MODROBS		AICTE	4.5 Lakh	Completed

(i) Awards, Fellowships, Memberships and Recognitions

S. No.	Year	Award / Fellowship / Membership	Awarding Body / Society	Level	Attachment No.
1.	2021	Teacher Award on Teachers Day-2021 for contribution in area of higher education	MJPRU	-	-
2.	2024	Co-convenor in Industry Institute Interaction Programme by FET MJPRU	BY FET , MJPRU	-	-

(j) Participation in University Work

S. No.	University work/activity	Tick / Details
1.	Paper Setter	Yes, Details: IFTM ,TMU, MJPRU,UPU MS
2.	Evaluation	Yes, Details: IFTM ,TMU, MJPRU,UPU MS
3.	Invigilation	Yes, Details: MJPRU
4.	Observer	Yes/No Details:
5.	Examination Work	Yes/No Details:
6.	Admission Work	Yes , Details: M.J.P Rohilkhand University
7.	Administrative Work	Yes/No Details:
8.	Any Other Work	Yes/No Details:

(k) Other Details

- Award - Teacher award on Teachers Day-2021 for contribution in area of higher education
- Principal, Govt. Constituent College, Navada - Darobast
- Convener, Govt. Constituent Colleges
- Organized FDP on Green Chemistry as Convener
- Co-convenor in Industry Institute Interaction Programme by FET MJPRU
- Keynote speaker in refresh courses and FDP
- Convenor, University of flying sward
- Members in various Universities bodies
- Paper setter, Evaluator, Inspector for various govt. and private bodies and journals

(l) Seminars / Conferences / Workshops Organized

S.no	Title	Details
1.	Green chemistry	Date : 02-25-2020, Category : National Institutions : Department of chemical engineering

(m) Administrative Positions / Assignments

S.no	Post / Assignment	Details
1.	Head of Department	Duration : 04-02-2013 to 05-10-2016 Organization : Department of Pharmacy

(n) Participation In Community Service / Exchange Programs / Consulting Activity

S.no	Activity Type	Details
1.	Participated in community service in NSS programme	Date : 12-17-2017 Details : Participated in community service in NSS programme

(o) Memberships Of Academic / Professional Bodies

S.no	Name of Academic/Professional Bodies	Member Type
1.	The Association Of Pharmaceutical Teachers Of India	Life