



महात्मा ज्योतिबा फुले  
कृषिविद्यापीठ, बरेली

## Faculty Profile on University Website

www.mjpru.ac.in

Title	Dr.	First Name	Virpal	Last Name	Singh	Photograph
Designation		<b>Assistant Professor</b>				
Department		<b>Chemistry</b>				
Address		<b>Constituent Government College, Bhadpura, Nawabganj, Bareilly</b>				
	(Campus)					
	(Residence)					
Phone No						
	(Campus)					
	(Residence)					
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Fax						
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Research Gate Id		<a href="https://www.researchgate.net/profile/Virpal-Singh">https://www.researchgate.net/profile/Virpal-Singh</a>				
LinkedIn Id		<a href="https://www.linkedin.com/in/virpal-singh-7a3287297">https://www.linkedin.com/in/virpal-singh-7a3287297</a>				
Orchid Id		<b>virpalsingh (0000-0002-5800-0594) - ORCID</b>				
Web-Page						
<b>Educational Qualifications (Graduation Onwards)</b>						
Course/Degree	Institution	Year	Details/Thesis Topic/Subjects			
B.Sc.	Hindu college Moradabad, M.J.P Rohilkhand University Bareilly	1998	Chemistry, Industrial Chemistry Mathematics,			
M.Sc.	Guru Jambheshwar University Science and Technology Hissar Haryana	2001	Chemistry			
M. Tech.	Panjab University Chandigarh	2004	Polymer Science			
Ph.D.	SLIET Longowal University, Sangrur Punjab	2015	Synthesis and Characterization of Chitosan-Starch based Hydrogel for Controlled Drug Release			
<b>Career Profile</b>						
Organization / Institution	Designation	Duration	Role			
Constituent Government Degree College, Bhadpura, Nawabganj, Bareilly, (A part of MJPRU), Bareilly	Assistant Professor	From 08-12-2022 to be continued...	Teaching UG and PG classes			
M.J.P Rohilkhand University Bareilly Uttar Pradesh	Assistant Professor	August 2015 to June 2018	Teaching in the Department of Applied Chemistry (F.E.T) UG and PG classes			
IIMT Group of college Greater	Assistant Professor	From 27-08-2019 to 30-04-2020	Taught UG classes			

Noida Uttar Pradesh.			
Research Interests / Specialization			
<b>Chemistry/ Organic Synthesis/Polymer/Drug Release System</b>			
Teaching Experience (Subjects/Courses Taught)			
S.No.	Class	Subject	Place
1.	B.Sc.	Chemistry	Constituent Government PG Degree College Bhadpura, Nawabganj, Bareilly
2.	M.Sc.	Organic Chemistry, Physical Chemistry, Instrumental Chemistry, Inorganic Chemistry, Spectroscopy I, Recent Trends in Chemistry, Organic Synthesis I, Chemistry of Heterocyclic Compounds and Photochemistry, Chemistry of Materials, Green Chemistry, Spectroscopy II, Organic Synthesis II, Polymer Chemistry	Constituent Government PG Degree College Bhadpura, Nawabganj, Bareilly
3.	B.Tech. I Semester	Engineering Chemistry (CY-101)	IIMT Grop of college Greater Noida Uttar Pradesh.
4.	M.Sc. I and III Semester	Organic Chemistry-I, Advanced Organic Chemistry, Physical Chemistry, Inorganic Chemistry	M.J.P Rohilkhand University, Bareilly Uttar Pradesh
5.	B Tech. I, II and III Semester	Engineering Chemistry (CY-101) and Applied Organic Chemistry (CY-201) Environmental	M.J.P Rohilkhand University Bareilly Uttar Pradesh

		<b>Chemistry CY-102),</b>						
<b>Honors &amp; Awards</b>								
During PhD. received <b>Fellowship by HRD Govt. of India.</b>								
<b>Publications /Academic Activities (Numbers Only)</b>								
<b>Books &amp; Monographs (Single Author)</b>	<b>00</b>	<b>Research Papers Published in International Journals</b>	<b>03</b>	<b>Papers Presented in Seminars/ Conferences</b>	<b>06</b>	<b>Seminars/ Conferences Organized</b>	<b>00</b>	<b>Research Projects (Completed)</b>
<b>Books (Co-authored)</b>		<b>Research Papers Published in Other Journals</b>		<b>Seminar/ Conferences Attended</b>		<b>Workshops Organized</b>		<b>Research Projects (Ongoing)</b>
<b>Books (Edited)</b>		<b>Articles Published in Popular Fora, e.g., Websites, Blogs, Newspapers, Magazines etc.</b>		<b>Sessions Chaird in Seminars/ Conferences</b>		<b>Membership of Academic/ Professional Bodies</b>		<b>Foreign Countries Visited for Academic Assignments</b>
<b>Chapters in Edited Books</b>	<b>01</b>		<b>Resource Lectures Delivered</b>					

<b>Details of Publications /Academic Activities (2010 Onwards)</b>				
<b>(a) Books / Monographs</b>				
<b>Year of Publication</b>	<b>Title</b>	<b>Publisher</b>	<b>ISSN</b>	<b>Co-Author (s) (if any)</b>
<b>(b) Papers Published in Indexed/ Peer Reviewed Journals</b>				
<b>Year of Publication</b>	<b>Title</b>	<b>Journal</b>	<b>ISSN/ Indexing</b>	<b>Co-Author (s) (if any)</b>
<b>2006</b>	Synthesis and characterization of pH sensitive poly (acrylamide/acrylic acid) hydrogels	Journal of Polymer Material	<b>09700838</b>	A. Thakur, V. Singh, R.K Wanchoo. Singh P
<b>(2012)</b>	Some Physicochemical Measurements of Chitosan/starch polymer in acetic acid-water Mixtures	. Journal of macromolecular symposia	<b>1521-3900</b>	V. Singh, K Kumari
<b>(2016)</b>	Physicochemical Parameters study of Chitosan-Starch-Glutaric acid in acetic acid-water Mixtures	Journal of Green Chemistry and Technology Letters,	<b>2455-3611</b>	V. Singh (Single Author)
<b>(2024)</b>	Synthesis and characterization of chitosan-starch and glutaric acid film	Foundation and Growth of Macromolecular Science Advances in Research and Development, (CRC press) USA.	<b>9788-1-77491-367-3</b>	V. Singh (Single Author)

(c) Articles

(d) Seminar/Conference Presentations

**International Conferences**

1. Synthesis of semi-interpenetrating polymer networks of chitosan /starch (film) and its characterization” paper presentation in ICNANO 2011 International conference, 18-21 December organized by Delhi University, Delhi (India).

(2). Optimization the formulation of chitosan –starch crosslinked films loaded with drug as CPM (chlorpheniramine maleate) for controlled release using response surface methodology. International conference on Kathmandu Symposia on Advanced Materials (KASAM-2012), Kathmandu, Nepal, 9-12 may, 2012.

(3) Synthesis and Characterization of chitosan-starch beads, Book of abstract p. 48. International conference on Advanced Polymeric Materials (ICAPM 2013), Mahatma Gandhi University, Kottayam Kerala (India), October 11-13, 2013.

(4) Synthesis and characterization chitosan-starch and Glutaric acid Films International conference on New Scintillation on Materials Horizon (ICNSMH-2016), M.J.P Rohilkhand University Bareilly (India),21-23 October, 2016

(5) Physicochemical Parameters study of Chitosan-Starch-Glutaric acid in acetic acid-water Mixtures in 2<sup>nd</sup> International Conference 2016 on innovations in chemical, biological and Environmental Sciences at SS(PG) College Shahajampur, Uttar Pradesh, on 12 February 2016

**National Conferences**

The use of hydrogel as adsorbent for dyes, National symposium on polymers and its application at TTTI (Technical Teacher Training Institute), Chandigarh.

(e) Resource Lectures Delivered

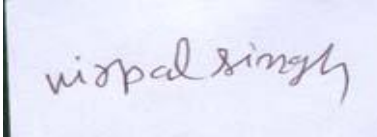
(f) Seminars/Conferences/Workshops Organized

(g) Public Service / University Service / Consulting Activity

(h) Memberships of Academic/Professional Bodies

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

<b>Administrative Positions/Assignments Held</b>
<ul style="list-style-type: none"> <li>✚ A <b>member</b> of Internal Quality Assurance Cell (IQAC) Committee in CGC, Bhadpura, Nawabganj, MJPRU, Bareilly</li>   <li>✚ A <b>member</b> of Grievance Committee in CGC, Bhadpura, Nawabganj, MJPRU, Bareilly.</li> </ul>
<b>Academic Foreign Visits</b>
<b>Any Other Details (FDP/STC/RC/OP attended)</b>
<p>(1) <b>“Faculty development program under National Workshop on Innovative Research on Materials in Science and Engineering (IRMSE -2016)</b> from April 17-22 April 2016 (Faculty of Engineering and Technology, M.J.P. Rohilkhand University Bareilly.</p> <p>(2) <b>“Faculty development Program under Ambient Air Quality and Stack”</b> was held from 08-02-2016 to 10-02-2016 (Faculty of Engineering and Technology), M.J.P. Rohilkhand University Bareilly.</p> <p>(3) <b>Participated in the Online AICTE Recognized Faculty Development Program on Nanomaterials and Devices</b> from 27-04-20 to 01-05-20 (One Week) Organized by Applied Science Department NITTTR, Chandigarh.</p> <p>(4) <b>Participated in the Online AICTE Recognized Faculty Development Program on NBA Accreditation of Engineering Programs</b> from 11-05-20 to 15-05-20 (One Week) Organized by Mechanical Engineering Department NITTTR, Chandigarh.</p> <p>(5) Successfully completed and obtained A<sup>+</sup> grade in a two-week refresher course <b>“Managing Online Classes &amp; Co-creating MOOCS”</b> conducted by Teaching learning Centre, Ramanujan College, University of Delhi in the collaboration with Bareilly College Bareilly, U.P. from 05 to 19 August 2023.</p>



Signature of Faculty Member