



# Multanimal Modi College

Modinagar-201204 (U.P.)

(Affiliated to Ch. Charan Singh University, Meerut)

(For Teaching Staff)

Title	Mr.	First Name	Shiv	Last Name	Prakash	Photograph
Designation	Assistant Professor					
Department	Department of Chemistry					
Address (Campus/Department)	Department of Chemistry, MM College, Modinagar, Ghaziabad.					
(Residence)	House No.35 Rajendra Nagar Modinagar, Ghaziabad, Pin Code-201204					
Phone No (Campus)	-					
(Residence) optional						
Mobile	8009268300, 7985730368					
Fax	-					
Email	<a href="mailto:prakashshiv64@gmail.com">prakashshiv64@gmail.com</a>					
Web-Page	-					

## EDUCATIONAL QUALIFICATIONS

Subject	Institution	Year	Details
<b>Ph.D.</b> (Pursuing)	National Physical Laboratory, New Delhi		Title- "Development of Coal Tar Pitch Derived Carbon Foam for Electrocatalytic Water Splitting".
<b>M.Sc.</b>	D.B.S. College Kanpur. (C.S.J.M.U. Kanpur)	2010-2012	Subject: Chemistry.
<b>B.Sc.</b>	D.D.U.Govt. College Sitapur. (C.S.J.M.U. Kanpur)	2006-2009	Subject: Chemistry, Botany, Zoology.

## CAREER PROFILE

Organization / Institution	Designation	Duration	Role(s)
Multanimal Modi College, Modinagar (Affiliated to C.C.S. University, Meerut)	Assistant Professor	Since 9 <sup>th</sup> June 2022 to till date	Teaching
Shri Vishwanath PG College Kalan Sultanpur (Affiliated to Dr. Ram Manohar Lohia Awadh University, Faizabad)	Assistant Professor (Adhoc)	15/07/15 to 31/12/16	Teaching
Saraswati Vidya Mandir Sector Q Aliganj Lucknow (Affiliated to C.B.S.E. Board)	Lecturer	11/07/14 to 30/05/15	Teaching

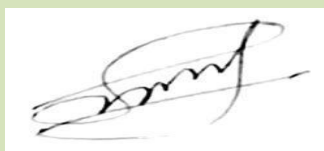
### Research Interests / Specialization:

Development of conducting carbon foam: Coal tar pitch derived carbon foam for electrocatalytic water splitting, Development of high-density graphite, Synthesis of mesocarbon microbeads (MCMB) from coal tar and coal tar pitch, Coal tar pitch based conducting carbon fibers, Carbon nanotube (CNT).

<b>Teaching Experience (Subjects /Courses Taught): 2.5 years</b>
<b>Graduate Level;</b> - Inorganic Chemistry, Organic Chemistry.
<b>Post Graduate Level;</b> - Inorganic Chemistry, Organic Chemistry.

<b>Publications (Last Five (05) Year Publications with Peer Reviewed Journals:</b>					
<b>Year of Publication</b>	<b>Title</b>	<b>Journal/Book(s)</b>	<b>Co-Author(s)</b>		
2020	Fabrication of lightweight and porous silicon carbide foams as excellent microwave susceptor for heat generation	Materials Chemistry and Physics	Rajeev Kumar, Pinki R. Agrawal, <b>Shiv Prakash</b> , D.P. Mondal, Sanjay R. Dhakate		
2021	Reticulated porous carbon foam with cobalt oxide nanoparticles for excellent oxygen evolution reaction	Materials Chemistry and Physics	<b>Shiv Prakash</b> , Ravi Kumar, Pankaj Kumar, Sonu Rani, Khushboo Kumari, Saroj Kumari, Sanjay R. Dhakate		
2022	A process for developing spherical graphite from coal tar as high performing carbon anode for Li- ion batteries.	Materials Chemistry and Physics	<b>Shiv Prakash</b> , Ravi Kumar, Ashish Gupta, Anisha Chaudhary, Vimal Kumar chandaliya, Pratik Swarup Das, P. Gurunathan, K. Ramesha, Saroj Kumari, Sanjay R. Dhakate.		
<b>Conference Presentations:</b> National / <u>International</u>					
1.	“High Yield Synthesis of Coal Tar Pitch (CTP) Based Mesocarbon Microbeads (MCMB)”	National student conclave and seminar on science, technology and Innovation at Amity institute of Applied Science. during	18-19 <sup>th</sup> 2018	January	International
2.	“Coal tar pitch derived catalytic carbon foam for electro-splitting of water”	conference on carbon material organized by Indian carbon society.	23 <sup>rd</sup> -25 <sup>th</sup> 2018 20 <sup>th</sup> -22 <sup>th</sup> 2019	August, November	International

3.	National workshop on materials metrology for sustainable society	workshop	1-2 <sup>nd</sup> 2018	November	National
4.	highly conductive CFRP using conducting polymers and Nano materials for structural applications	Indo-Japan workshop	26 <sup>th</sup> -28 <sup>th</sup> 2018	November	National



**(Signature of Faculty Member)**

**(Signature & Stamp of Teacher In-Charge/Principal)**