

Name: Dr. Mayankkumar G. Sharma

Designation: Assistant Professor - Chemistry

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School: School of Science



Research Interest:

- Utilization of natural products/bio-products as catalyst in organic synthesis.
- To find green approach for the synthesis of hetero cyclic compounds.
- Synthesis of anti-proliferative agents.

Academic Background:

Degree	Subject	University	Year
Ph.D.	Chemistry	Sardar Patel University	2020
M.Sc.	Organic Chemistry	Sardar Patel University	2013
B.Sc.	Chemistry	Sardar Patel University	2011

Professional Experience:

From	To	Position	Organisation
12/08/2013	21/04/2014	QC/QA Chemist	Insecticides India Ltd.
01/04/2017	31/03/2019	Junior Research Fellow	Department of Chemistry, S.P. University
01/04/2019	19/02/2021	Senior Research Fellow	Department of Chemistry, S.P. University
22/02/2021	04/02/2022	Assistant Professor - Chemistry	Ratnamani Science College, HNG University
10/02/2022	Till Date	Assistant Professor - Chemistry	School of Science, GSFC University

Teaching Engagements:

Title	Course Code	Class Name	School Name
Organic Chemistry – I	MSCM - 102	M.Sc. Sem-1	School of Science
Organic Chemistry – VI	MSCM - 411	M.Sc. Sem-4	School of Science
Organic Chemistry – VII	MSCM - 412	M.Sc. Sem-4	School of Science
Organic Chemistry – IV	BSCM - 601	B.Sc. Sem-6	School of Science

Publications:

1. Green approach for synthesis of bioactive Hantzsch 1, 4-dihydropyridine derivatives based on thiophene moiety via multicomponent reaction *MG Sharma*, DP Rajani, HM Patel, Royal Society open science, **2017**, 4 (6), 170006
2. Anti-Proliferative 1, 4-Dihydropyridine and Pyridine Derivatives Synthesized through a Catalyst-Free, One-Pot Multi-Component Reaction, *MG Sharma*, RM Vala, DM Patel, I Lagunes, MX Fernandes, JM Padrón, H.M Patel, ChemistrySelect, **2018**, 3 (43), 12163-12168
3. One-PoH.M. Patel, Polycyclic Aromatic Compounds, **2019**, 5, 1-11
4. Pyridine-2-carboxylic acid as an effectual catalyst for rapid multi-component synthesis of pyrazolo [3, 4-b] quinolinones, *MG Sharma*, RM Vala, HM Patel, RSC Advances, **2020**, 10, 35499-35504

Awards/Recognitions:

- Junior Research Fellowship awarded by SERB, New Delhi for major research project under investigation of Prof. (Dr.) Hitendra M. Patel, SP University.
- Senior Research Fellowship awarded by SERB, New Delhi for major research project under investigation of Prof. (Dr.) Hitendra M. Patel, SP University.
- Best Poster prize for poster presentation of research paper at national conference NCSCFC-2019 organized by Department of Chemistry, VNSG University, Surat on 12th March 2019.