

## *Curriculum Vitae*

**Dr. Harshadkumar P. Lakum**

(M.Sc., Ph.D. (Chemistry), CSIR NET (JRF), GSET, GPSC)



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Permanent address: 378, Chamundanagar, Near Gayatrinagar, Sarkhej, Ahmedabad,

Gujarat-382210, India

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### Personal Profile:

<b>Name:</b>	Dr. Harshadkumar Punjabhai Lakum
<b>Date of Birth :</b>	13-07-1986
<b>Sex :</b>	Male
<b>Marital Status:</b>	Married
<b>Language Known:</b>	English, Hindi, Gujarati
<b>Religion :</b>	Hindu
<b>Nationality :</b>	Indian

**Academic Performance:**

<b>Qualification</b>	<b>Board/University</b>	<b>Year</b>	<b>Percentage</b>
Ph.D. (Chemistry)	Gujarat University	2016	--
M.Sc. (Organic Chemistry)	Gujarat University	2010	60.11 %
B.Sc. (Chemistry)	Gujarat University	2008	71.05 %
GSET	The Maharaja Sayajirao University of Baroda	2016, 2017, 2018	-
CSIR NET (JRF)	CSIR-UGC	2019	-

**Achievements:**

- Awarded 1<sup>st</sup> prize in B.Sc.

**Employment History:**

<b>Sr. No.</b>	<b>Employer Name</b>	<b>Designation</b>	<b>Duration</b>
01.	Government Science College, Sector-15, Gandhinagar	Assistant Professor	03 November 2023 to till date
02.	Government Science College, Tharad	Assistant Professor	28 July 2018 to 02 November 2023

## Papers Published in International Journals:

1. **Harshad P. Lakum**, Dhruvin R. Shah, and Kishor H. Chikhalaria; Convenient Synthesis of Novel Quinazoline Congeners via Copper Catalyzed C–N/C–S Coupling and Their Biological Evaluation; *Journal of Heterocyclic Chemistry*; 2015, DOI 10.1002/jhet.2404.
2. **Harshad P. Lakum**, Dhruvin R. Shah and Kishor H. Chikhalaria; The Novel Derivatives of 3-(iminomethyl)-2*H*-chromen-2-one with Thiourea and Piperazine Structural Motive: Rationale, Synthesis, Antimicrobial and Anti-TB Evaluation; *Letters in drug design and Discovery*, 2015, 12 (4), 324-341 (18).
3. **Harshad P. Lakum**, Dhara V. Desai and Kishor H. Chikhalaria; Synthesis, characterization, and antimicrobial screening of *s*-triazines linked with piperazine or aniline scaffolds; *Heterocyclic Communications*, 2013, 19(5), 351-355.
4. **Harshad P. Lakum**, Dhruvin R. Shah and Kishor H. Chikhalaria; Novel *s*-Triazinyl Schiff Base/Chalcone Congeners: Rational, Synthesis, Antimicrobial and Anti-TB Evaluation; *International Letters of Chemistry, Physics and Astronomy*; 2014, 19(1), 56-73.
5. Nirali Mewada, Dhruvin shah, **Harshad Lakum**, Kishor H. Chikhalaria; Synthesis and biological evaluation of novel *s*-triazine based aryl/heteroaryl entities: Design, rationale and comparative study; *Journal of the Association of Arab Universities for Basic and Applied Sciences*, Accepted, DOI: 10.1016/j.jaubas.2014.08.003.
6. Dhruvin shah, **Harshad Lakum**, Kishor H. Chikhalaria; Copper-mediated ligand-free Ullmann reaction approach to substituted *s*-triazines: rationale, synthesis and biological evaluation; *Heterocyclic communications*, 2014, 20(5), 305-312.
7. Dhruvin shah, **Harshad Lakum**, Kishor H. Chikhalaria; Synthesis and *in vitro* antimicrobial evaluation of amine substituted *s*-triazine based thiazolidinone/chalcone hybrids; *International Letters of Chemistry, Physics and Astronomy*, 2014, 17(2), 207-219.
8. Dhruvin shah, **Harshad Lakum**, Kishor H. Chikhalaria; Synthesis and In Vitro Antimicrobial Evaluation of Piperazine Substituted Quinazoline-Based Thiourea/Thiazolidinone/Chalcone Hybrids; *Russian Journal of Bioorganic Chemistry*, 2015, 41(2), 209-222.
9. Dhruvin shah, **Harshad Lakum**, Kishor H. Chikhalaria; Copper(0) Catalyzed C-N Coupling Approach for the Synthesis of Thiourea Linked Quinoline Analogues Using Aqueous Media: Rationale and Biological Study; *Letters in Organic Chemistry*; 2015, 12(4), 237-250.
10. Himanshu R. Prajapati, **Harshad P. Lakum**, Kishor H. Chikhalaria; Synthesis and in vitro antimicrobial activity of 3-(5-((2-oxo-2*H*-chromen-4-yl)thio)-4-phenyl-thiazol-2-yl)-2-substitutedphenyl thiazolidin-4-one; *International Letters of Chemistry, Physics and Astronomy*; 2015, 51, 135-143.

### Books Published:

1. **Harshad Lakum**, Dhara Desai, Kishor Chikhalaria; Quinazoline: Privileged Nature as Effective Pharmacological Agents; ISBN No: **9783659865893**; LAP LAMBERT Academic Publishing house, Germany; MARCH 2016
2. **Harshad Lakum**, Dhruvin Shah, Kishor Chikhalaria; Novel s-Triazinyl Thioureas via Cu Catalyzed Coupling Reactions; ISBN No: **9783659871276**; LAP LAMBERT Academic Publishing house, Germany; APRIL 2016
3. **Harshad Lakum**, Dhruvin Shah, Kishor Chikhalaria; Novel Quinoline Congeners via Cu Catalyzed C-S/ C-O Coupling; ISBN No: **9783659883255**; LAP LAMBERT Academic Publishing house, Germany; APRIL 2016
4. **Harshad Lakum**, Anuj Patel, Kishor Chikhalaria; Medicinal Applications of Some Heterocycles and Structural Motifs: Chemistry and Medicinal Applications of Heterocyclic Derivatives Endowed with/without Some Structural Motifs: A Review; ISBN No: **9783659890406**; LAP LAMBERT Academic Publishing house, Germany; MAY 2016
5. **Harshad Lakum**, Himanshu Prajapati, Kishor Chikhalaria; New Triazole-Coumarin-Pyridine Hybrids via Thioether Linkage: Synthesis, Chemistry and Medicinal Applications; ISBN No: **9783659904394**; LAP LAMBERT Academic Publishing house, Germany; JUNE 2016

### Conferences, Workshops, & Seminars attended:

1. Participated at International Symposium on “Recent Trends in Cancer Research: From OM to OMICS” on 24<sup>th</sup> November 2014 organized by “Department of Cancer Biology” at The Gujarat Cancer & Research Institute Ahmedabad, Gujarat, India.
2. Participated in the Workshop on “Intellectual Property Rights” jointly organized by National Innovation Foundation, Ahmedabad and Gujarat University, Ahmedabad, India on 8<sup>th</sup> October-2014.
3. Participated in “HPTLC Training cum Seminar” on 30<sup>th</sup> March, 2013 conducted at Department of Zoology, School of Sciences, Gujarat University, Ahmedabad.
4. Participated in UGC Sponsored workshop on “Information Literacy” on 26<sup>th</sup> November 2011 at Rajkot, Gujarat, India.

Thanks & Regards,

Dr. Harshadkumar P. Lakum