

Dr. Chetan B. Sangani

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Career Objective

- To encouraged creativity and higher-order thinking to increase student's performance.

<i>Education Qualifications</i>			
Degree (Specialization)	Institute	Month-Year	Percentage
PDF (Post doctoral fellow)	State Key Laboratory of Pharmaceutical Biotechnology, Nanjing University, Nanjing, China	Dec-2012 July-2014	~
Ph. D. (Organic Chemistry)	(Department of Chemistry) Sardar Patel University, Vallabh Vidyanagar, Gujarat	Dec-2011	~
M. Sc. (Organic Chemistry)		Apr-2008	68.55
B. Sc. (Chemistry)		Apr-2006	65.55
12 th	GSEB	Apr-2003	60.60
10 th	GSHSEB	March-2001	87.14

Teaching Experience

- ↻ One year teaching experience in Government Science College in Gandhinagar as a assistant professor.
- ↻ Two year post doctoral research fellow in Nanjing University, Nanjing, China.
- ↻ One-year Industry experience in intas pharma as a research associate.
- ↻ Three-year Laboratory experience in Department of chemistry Sardar Patel University during entire Ph.D. work.
- ↻ Seven-year assistant Professor in Shri M.M. Patel Institute of Sciences and Research. Sec-23, Gandhinagar.
- ↻ Recently working as, assistant professor in Government Sciences Gandhinagar Sec-15 (Since 3/11/2022)

Publications

Sr. No	Title	Name of Journal	Impact Factor	Vol./Year/P age No.
1	Design, synthesis and molecular modeling of biquinoline–pyridine hybrids as a new class of potential EGFR and HER-2 kinase inhibitors	Bioorganic & Medicinal Chemistry Letters	2.420	24 (2014) 4472-4476
2	Synthesis and antibacterial evaluation of Novel Schiff's base derivatives of nitroimidazole nuclei as potent E. coli FabH inhibitors	RSC Advances	3.840	4, 2014, 54217-54225
3	Design, synthesis, and molecular modeling of pyrazole-quinoline-pyridine hybrids as a new class of antimicrobial and anticancer agents	European Journal of Medicinal Chemistry	3.447	76 (2014) 549-557
4	Schiff's base derivatives bearing nitroimidazole and quinoline nuclei: new class of anticancer agents and potential EGFR tyrosine kinase inhibitors	Bioorganic & Medicinal Chemistry Letters	2.420	24 (2014) 1734-1736
5	Schiff's base derivatives bearing 2-thiophenoxyquinoline nucleus as new antibacterial agents	Medicinal Chemistry Research	1.402	23 (2014), 471-479
6	Synthesis, biological evaluation and 3D-QSAR study of novel 4,5-dihydro-1 <i>H</i> -pyrazole thiazole derivatives as BRAF ^{V600E} inhibitors	Bioorganic & Medicinal Chemistry	2.793	23 (2015), 4654
7	6,7-Dihydrobenzo[<i>f</i>]benzo[4,5]imidazo[1,2- <i>d</i>][1,4] oxazepine derivatives as selective inhibitors of PL3K α	Bioorganic & Medicinal Chemistry	2.793	23 (2015) 1231–1240
8	Microwave-assisted synthesis of pyrido[1,2- <i>a</i>]benzimidazole derivatives of 3-aryloxyquinoline and their antimicrobial and antituberculosis activities	Medicinal Chemistry Research	1.402	(2013), DOI: 10.1007/s00044-012-0322-5
9	Microwave-assisted synthesis of novel 4 <i>H</i> -chromene derivatives bearing 2-aryloxyquinoline and their antimicrobial activity assessment	Medicinal Chemistry Research	1.402	(2013), DOI: 10.1007/s00044-012-0381-7
10	One step synthesis of pyrido[1,2- <i>a</i>]benzimidazole derivatives of	Chinese Chemical	1.580	24, (2013) 123-126

	aryloxy pyrazole and their antimicrobial evaluation	Letters		
11	Synthesis and in vitro antimicrobial screening of new pyrano[4-3-b]pyrane derivatives of 1H-pyrazole	Chinese Chemical Letters	1.580	23, (2012) 57-60
12	A one-pot synthesis of pyrano[6,5-b]quinoline derivative and their biological studies	Journal of Serbian Chemical Society	0.871	77 (9), (2012) 1165-1174
13	Synthesis and antimicrobial screening of pyrano[3,2-c]chromene derivatives of 1H-pyrazoles	Cent. Eur. J. Chem.	1.329	9 (4), (2011)635-647
14	Design, synthesis, and antibacterial evaluation of new Schiff's base derivatives bearing nitroimidazole and pyrazole nuclei as potent E. coli FabH inhibitors	Res. Chem. Intermed	1.221	DOI 10.1007/s11164-015-2018-1
15	Synthesis of 1H-pyrazolo[1,2-b]phthalazine-5,10-dione derivatives: assessment of their antimicrobial, antituberculosis and antioxidant activity	Res. Chem. Intermed	1.221	Doi 10.1007/s11164-015-2138-7
16	Synthesis, Characterization, Thermal, DNA binding, DFI, Antioxidant and Anticancer Studies of Bis (methylphenylmethanamine) Dichloroplatinum Complex	International journal of chemical sciences		2017

Books Authored/co-Authored and Publications:

Sr. No.	Title	Name of Publisher	Authers Name	ISBN/Year
1	GREEN ASPECTS IN HETEROCYCLIC SYNTHESIS USING IONIC LIQUID AND VARIOUS ENERGY SOURCES	Lambert Academic Publishing	Devji S. Patel Umesh P. Tarapada Chetan B. Sangani	978-3-659-66812-8/2014
2	SYNTHESIS AND BIOLOGICAL EVALUATION OF NOVEL PYRANO 2,3-C-PYRAZOLES DERIVATIVES BEARING 5-ARYLOXYPYRAZOLE NUCLEI	RET International Academic Publishing	Dr. Chetan B. Sangani Dr. Shashikant B. Teraiya Dr. Hitesh A. Barad Dr. Ritu Dixit Dr. Hitesh R. Dholariya	9789384148669

3	TBA-HS CATALYSED SYNTHESIS OF CHROMENANNULATED PYRANO 2,3-C-PYRAZOLES	RET International Academic Publishing	Dr. Shashikant B. Teraiya Dr. Hitesh A. Barad Dr. Ritu Dixit Dr. Hitesh R. Dholariya Dr. Chetan B. Sangani	9789384148 676
4	BENZODIZEPINONES AS AN ANTIPSYCHOTIC AGENT: SYNTHESIS AND USES	RET International Academic Publishing	Dr. Hitesh A. Barad Dr. Hitesh R. Dholariya Dr. Shashikant B. Teraiya Dr. Chetan B. Sangani Dr. Ritu Dixit	9789384148 683
5	SYNTHESIS OF COUMARINE WITH CIPROFLOXACIN MIXED LIGANDS COPPER COMPLEXES AND THEIR BIOLOGICAL STUDIES	RET International Academic Publishing	Dr. Hitesh R. Dholariya Dr. Ritu Dixit Dr. Chetan B. Sangani Dr. Shashikant B. Teraiya Dr. Hitesh A. Barad	9789384148 690
6	Polymeric chelates and coordination polymers of bisoxime	RET International Academic Publishing	Dr. Ritu Dixit Dr. Hitesh A. Barad Dr. Chetan B. Sangani Dr. Hitesh R. Dholariya Dr. Shashikant B. Teraiya	9789384148 706

Paper Presentation in National/ International Seminars & Conferences:

Theme of Conference/ Seminar	Title	Organizer	Date
International conference on Applied Science	“Synthesis and Antimicrobial Screening of Pyrano [3,2-c]chromene Derivatives of 1H-Pyrazole”	IIT Madras, Chennai	11 th - 13 th February, 2011.
INNOVATIONS IN SCIENCE-SPU RESEARCH SCHOLAR	Synthesis and invitro antimicrobial screening of new Pyrano[4,3-b] Pyrane derivatives of 1H pyrazole	Sardar Patel University, Vallabhvidyanagar, Gujarat	8-9 January, 2012

MEET-2012			
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List of Conferences and Seminar Attended:

- Attended the workshop on LC-MS-MS held at the Sophisticated Instrumentation Centre for Applied Research and Testing, Vallabh Vidyanagar from 06-01-2010 to 08-01-2010.
- Attended the National level seminar on Nanotechnology; Today and Tomorrow organized by chemical engineering department Institute of Technology, Nirma university Ahmedabad on March 08, 2010.
- Attended National level symposium on “Cutting Edge & Most Promising Research in Pharmaceuticals held on 18th December 2010 at ARIBAS, New Vidyanagar.
- Attended UGC sponsored “National Workshop on Combined Application of Spectroscopy” organized by Department of Chemistry, Sardar Patel University, Vallabh Vidyanagar, held on 17th – 19th February, 2011
- Attended a two days “National seminar on Recent advances in Analytical Techniques for pharmaceuticals” held on 18th – 19th March, 2011 organised by Post Graduate Department of Pharmaceutical Sciences, Sardar Patel University, Vallabh Vidyanagar-388120 Gujarat, India.

Achievements

2008-2011:- “Research Fellowship in Science to Meritorious Students” under the UGC scheme, New Delhi, India during entire research work.

Qualified GSET-2018 in chemistry

Personal Particulars

Date of Birth / Age.....	June 03, 1986 / 33 years
Nationality / Religion	Indian / Hindu
Gender / Marital Status.....	Male / Married
Language Known.....	Gujarati, Hindi, English
Interest.....	Music, Travelling, Volley ball
Height / Weight.....	5'9" / 82 Kg
Blood Group.....	B positive

References

Dr. (Miss) R. G. Patel	Dr. M. P. Patel	Dr. D. K. Raval
Professor of Chemistry	Associate Professor of Chemistry	Professor of Chemistry
Department of Chemistry	Department of Chemistry	Department of Chemistry
Sardar Patel University	Sardar Patel University	Sardar Patel University
Vallabh Vidyanagar-388 120	Vallabh Vidyanagar-388 120	Vallabh Vidyanagar-388 120
Gujarat, India.	Gujarat, India.	Gujarat, India.

Declaration

I hereby declare that all the information given above is correct to the best of my knowledge and belief.

(Dr. *Chetan B Sangani*)