

Bio Data

Personal Details:

Full Name	Dr. JIGAR SUNILKUMAR PATEL	Gender	Male
Email Id	drjigarspatel@gmail.com	Mobile No	9974425059
Date of Birth	09/07/1990	Nationality	INDIAN



Current/ Permanent Address Details:

Address	MADARASA MALI NI POL, PATAN		
City	PATAN	Pin code	384265
District	PATAN	State	Gujarat

Education Details:

Degree	University Name	Specialization	Passing Year	Percentage Class
SSC	GSEB		2005	First
HSC	GSHEB	SCIENCE	2007	First
B. Sc	HNGU, PATAN	CHEMISTRY	2010	First
M. Sc	HNGU, PATAN	ORGANIC CHEMISTRY	2012	Second
B. Ed	HNGU, PATAN	MATHS/SCIENCE	2013	Distinction

PHD Details:

Thesis Title	PHYTOCHEMICAL ANALYSIS OF SOME MEDICINAL PLANTS AND EFFECT OF ANTIMICROBIAL ACTIVITY WITH COMBINATION OF ANTIMICROBIAL DRUGS
Subject	CHEMISTRY
Degree Notification Date	27/12/2018

Experience Details:								
Employer Name Employer Address Employer Contact Details		Designation	Nature of Work	Date of Joining Date of Leaving	Pay Scale		Current	
Dr Indu Dayal Meshari College of Science and Technology, Patan College Campus, Rajamahel Road, Patan-384265 9427682179		Assistant Professor	Teaching	18/07/2013 to 20/06/2020	15600			
Gokul Global University , Sidhapur		Assistant Professor	Teaching	11/07/2020	34000		Yes	
Details of Research and Article Publications								
NO	Title of Paper	Name of Authors	Name of Journal	National/ International	Vo l	Iss	Year of Publication	ISSN Number
1	PHYTOCHEMISTRY OF CASSIA FISTULA AND PHARMACOLOGICAL STUDIES OF ITS LEAF EXTRACTS: A REVIEW	Piyush J. Vyas	International Journal of Chemtech Applications	International	5	1	2016	2319-7099
2	EXTRACTION OF AZARDICHTA INDICA AND ITS PERFORMANCE ALONG WITH ANTIBIOTICS FOR ANTIMICROBIAL ACTIVITIES	BHARGAV DAVE, ASHA PATEL AND PIYUSH VYAS	INTERNATIO NAL RESEARCH JOURNAL OF CHEMISTRY (IRJC)	International	12		2016	2321 – 2845(Online), 2321 – 3299 (Print)
3	DESIGN, SYNTHESIS AND ANTI MICROBIAL SCREENING OF 1,3,4OXADIZOLE RING CLUBBED S-TRIAZINE DERIVATIVES	PRAKASH JOSHI, JAYESH JADAV, BHARAT PATEL, PIYUSH VYAS, MANU LIMBACHIYA, MANOJ SOLANKI	RET Academy for International Journals of Multidisciplin ary Research (RAIJMR)	International	4	11	2016	2320-6586
4	ANTIMICROBIAL ACTIVITY OF EXTRACTION OF PHYLLANTHUS AMARUS AND IT’S COMBINATION ALONG WITH ANTIBIOTICS	KISHAN NAYAK, RAMESHCHANDRA SING AND PIYUSH J. VYAS	INTERNATIO NAL RESEARCH JOURNAL OF CHEMISTRY (IRJC)	International	19		2017	2321 – 2845(Online), 2321 – 3299 (Print)
5	EFFECT OF ANTIMICROBIAL ACTIVITY OF TINOSPORA CORDIFOLIA AND IT’S COMBINATION ALONG WITH ANTIBIOTICS	KISHAN NAYAK, RAMESHCHANDRA SING AND PIYUSH J. VYAS	INTERNATIO NAL RESEARCH JOURNAL OF CHEMISTRY (IRJC)	International	19		2017	2321 – 2845(Online), 2321 – 3299 (Print)

6	EXTRACTION OF ASPARAGUS RACEMOSUS AND ITS PERFORMANCE ALONG WITH ANTIBIOTICS FOR ANTIMICROBIAL ACTIVITIES	MADHU PATEL, VIPUL PRAJAPATI, JIGAR S. PATEL DR. PIYUSH VYAS	RET Academy for International Journals of Multidisciplinary Research (RAIJMR)	International	5	10	2017	2320-6586
7	Design and Prediction of Absorption, Distribution, Metabolism, Excretion and Toxicity Properties of Drugs for Dengue fever Using in-silico Approaches	Arpit Trivedi and S. M. Dave	Biotechnological Communication	International	12	4	2019	Print ISSN: 0974-6455 Online ISSN: 2321-4007
8	Design and Prediction of ADMET Properties of Drugs for Measles Using In-Silico Approaches	Arpit Trivedi, Shreya Trivedi and S. M. Dave	Biotechnological Communication	International	13	2	2020	Print ISSN: 0974-6455 Online ISSN: 2321-4007
9	Biological Effect on Adhatoda Vasica Extract and its Combination with Antibiotics	Vikas R. Shukla, Bhavya S. Salvi, Piyush J. Vyas and Chintu J. Patel ¹	BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA,	International	17	2	2020	Print ISSN: 0973-1245 Online ISSN: 2456-2602
10	Photocatalytic decolorization of mercuric picrate in the presence of zinc oxide	Vikaskumar Shukla, Laxman Bhutadiya, Jabali Vora, Jayesh Jadav	INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY	International	13	15	2021	P-ISSN 0974-6846 E-ISSN 0974-5645
11	Synthesis, characterization and antibacterial evaluation of novel benzothiazole clubbed acetamide derivatives	Shukla Vikaskumar, Jadhav Jayesh, Shukla Maharshi, Mahyavanshi Jyotindra and Parmar Kokila ¹	Research Journal of Chemistry and Environment	International	25	7	2021	E-ISSN: 2278-4527 Print ISSN: 0972-0626
12	Analytical Method Development and Validation of Obeticholic acid Along With Stability Indicating Method by Quality By Design Approach	Darshit Trivedi and Kavita Desai ¹	ORIENTAL JOURNAL OF CHEMISTRY	International	38	5	2022	ISSN: 0970-020 X
13	Combination of Cinnamomum verum Bark Extract and Antibiotics: Potent Antimicrobial Activity	Mitu Patel, Piyush Vyas and Poyam Patel	Biological Forum – An International Journal	International	15	2	2023	(Print): 0975-1130 (Online): 2249-3239

Books Chapter Details:						
Type	Title	Publication Date	Author Name Author Type	Publisher Name Publisher Type	ISBN	Remarks
Book	Synthesis of Oxadiazole & Benzothiazole clubbed Heterocyclic Moieties	11/06/2019	Jayesh Jadhav, Jigar Patel, Vikaskumar Shukla	LAMBERT academic Publishing International	978-620-0-21286-3	online
Book	SYNTHESIS OF MACROCYCLIC COMPOUNDS AND THEIR ANTIMICROBIAL ACTIVITY	30/07/2019	Dr Mehul Patel &Dr. JigarPatel	Lulu publication International	978-0-35982-167-9	online
Book	Photocatalytic Degradation of Explosive Picrates	08/08/2019	Dr. Vikaskumar Shukla, Dr. Jigar Patel, Dr. Jayesh Jadhav	Notionpress International	978-1-64650-383-4	online/print
Book	Synthesis of Oxadiazole and Pyrimidine Contained Heterocyclic Derivatives	25/05/2019	Prakash Joshi, Dr. Vikaskumar Shukla, Dr. Jigar Patel, Dr.Jayesh Jadhav	Lulu publication International	978-0-359-64644-9	Online
Book	Synthesis of "N" Containing Heterocyclic Moieties	08/05/2019	Prakash Joshi, Dr. Vikaskumar Shukla, Dr. Jigar Patel, Dr.Jayesh Jadhav	Lulu publication International	978-0-359-64623-4	online
Book	Photocatalytic Degradation of Picric Acid	09/05/2016	Chirag Patel, Devendra Patel, Jigar Patel	Lulu publication International	978-1-365-09840-6	online

Research Paper Presentation Details:					
Paper Title	Event Name Nature of Event	Organizing Institute Name	Presentation Type Presentation Date	Duration of Event	Name of Author Presented Paper
synthesis, characterization and photocatalytic study of explosive silver picrate	"International Virtual Conference on Green Chemistry for Clean Environment"	Dept. of PG Studies and Dept. of Chemistry, PAHER, Udaipur	Oral 04/10/2020	03/10/2020 to 04/10/20120	Jigar Patel
"BIOLOGICAL EFFECT ON ADHATODA VASICA EXTRACT AND ITS COMBINATION WITH ANTIBIOTICS"	BILTEK CONFERENCE-III Current Studies on Science, Technology & Social Sciences	Adana, Turkey	Oral 19/10/2020	19/06/2020 to 20/06/20120	Jigar Patel
Photocatalytic Decolorization of Mercuric Picrate in The Presence of ZincOxide	Asia Pasific 3rd International Conference on Contemporary Studies	Seoul, South Korea	Poster 01/06/2020	01/06/2020 to 02/06/20120	Jigar Patel
Globally Spread of Novel disease COVID-19 & It's Medicinal &Protective Trials	International e-conference on "Strategies and Challenges in Higher Education during COVID-19 Lockdown period in India with reference to World"	Government Vidarbha Institute of Science & Humanities Amravati, Maharashtra - 444 604 India	Paper	15/05/2020 to 17/05/2020	Jigar Patel
ANTIMICROBI AL ACTIVITY OF EXTRACTION OF ADHATODA VASICA AND IT'S COMBINATIO N ALONG WITH ANTIBIOTICS	CHEMICAL SCIENCE IN NEW ERA International	Dept. of PG Studies and Dept. of Chemistry, PAHER, Udaipur	Poster 05/10/2018	05/10/2018 to 06/10/2018	Jigar Patel
Antimicrobial activity of extraction of azardichta indica and its combination along with antibiotics	INNOVATIVE APPROACHES TO GREEN CHEMISTRY : RECENT PRESPECTIVES National	SHETH M. N. SCIENCE COLLEGE, PATAN	Poster 28/11/2017	28/01/2017 to 28/11/2017	Jigar Patel
Design, Synthesis and Antimicrobial Screening of S- traiazine derivatives containing 1,3,4 oxadizole ring	Contemporary Developments at Biotech- Bioinformatics Interface National	HNGU, Patan	Poster 15/03/2015	15/03/2015 to 15/03/2015	Jigar Patel
PHYTOCHEMI CAL ANALYSIS OF SOME MEDICINAL PLANTS AND EFFECT OF ANTIMICROBI AL ACTIVITY WITH COMBINATIO N OF ANTIMICROBI AL DRUGS	Current Trends in Chemical, Biological, Environmental and Allied Sciences National	SHETH M. N. SCIENCE COLLEGE, PATAN	Oral 27/07/2019	27/07/2019 to 28/07/2019	Jigar Patel
Extraction of Asparagus Racemosus and its Performance along with Antibiotics for Antimicrobial activities	international Conference on "Recent Innovation in science and Workshop on Spectroscopy and its Perspectives" International	Municipal arts and Urban Science College, Mahesana, Gujarat	Poster 15/09/2017	15/09/2017 to 16/09/2017	Jigar Patel

Conference/Event Attended Details:							
Event Name	Event Type	Event Category	Institute	Place	Event Date	Role	Remarks
One Day State Level Workshop on Chemistry Curriculum	Workshop	University	Dept. Chemistry, H.NG.U, Patan	Patan	12/08/2017 To 12/08/2017	Attendee	
API: Calculation, Maintenance, & Improvement	Workshop	University	S. K. College of Business Management	Patan	15/12/2015 To 15/12/2015	Attendee	
HNGU RESEARCH CONGRESS	Other	University	H.NG.U, Patan	Patan	24/12/2015 To 24/12/2015	Attendee	

Quality in Science Education	Workshop	Regional	H.NG.U, Patan	Patan	07/03/2015 To 08/03/2015	Attendee	
XXVIII GUJARAT SCIENCE CONGRESS 2014	Conference	State	Dept. Chemistry, H.NG.U, Patan	Patan	22/02/2014 To 23/02/2014	Attendee	
Emerging Trends in Current Trends in Drug Discovery	Symposium	National	Shree M. & N. Virani Science College ,	Yogidham Gurukul, Rajkot	16/02/2014 To 16/02/2014	Attendee	
Challenges Opportunities and Innovations in Pharmaceutical Science	Other	National	Dept. of Pharmaceutical Sciences, H.N.G.U, Patan	Patan	13/02/2014 To 13/02/2014	Attendee	
Training Programme on HPLC and FT-IR	Training Program	Regional	H.NG.U, Patan	patan	08/02/2013 To 08/02/2013	Attendee	

Awards, Recognition & Fellowship Details:					
Award / Recognition / Fellowship	Achievement	Nature of Work	Level of Work	Awarding Institute	Remarks
Two Day National Conference	Best Thesis Award	Oral Presentation	National	Association of Chemist and Biologist	

Language Details:					
Language	Can Read?	Can Write?	Can Speak?	Can Understand?	Is Mother Tongue?
English	Yes	Yes	Yes	Yes	No
Gujarati	Yes	Yes	Yes	Yes	Yes
Hindi	Yes	Yes	Yes	Yes	No

Reference Details:				
Name	Designation	Address	Email	Contact No
Dr Piyushkumar J Vyas	Principal	Sheth M. N. Science College, Patan	vyaspiyushj@yahoo.com	9825556560
Dr Ritesh P. Vaidhya	Principal	Gokul Science College, Sidhapur	vaidya.ritesh@gmail.com	9978906790

Undertaking:

I certify that the information given above is correctly described my personal information, qualifications, and experience.

Signature

Date: / /20

(Dr. Jigar S. Patel)