



*Matushri Virbaima Mahila Science & Home Science College*  
*Kalawad Road, Near Under Bridge, RAJKOT*  
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### Self Appraisal Form for Teachers

#### A. Personal Information :

1	Name	Dr. Jatinkumar Jethalal Upadhyay
2	Residential Address with Pin No.	“Chetana”, H-225, Saritavihar Society, University - A.G. Road, Mota Mava, Rajkot - 360005
3	Mobile No.	9825215419
4	Landline No. of Resident	0281-2562147
5	Other alternative No.	(O) 0281-2452997
6	E-Mail ID	<a href="mailto:jatinjupadhyay@gmail.com">jatinjupadhyay@gmail.com</a>
7	Date of Birth	01-03-1965

#### B.(a)General Information :

1	Designation	Associate Professor
2	Department	Chemistry M.V.M. Science & Home Science College, Rajkot
3	Specialization if any	Organic Chemistry, Synthetic Drugs, Spectroscopy, Analytical Chemistry, Colloidal Chemistry
4	Date of Appointment	
	(i) In the present institution	10-12-1992
	(ii) In the present post	21-03-1995
5	Honours conferred	Ph.D. in Synthetic Drugs

#### B.(b) Academic Qualification :

Examination	Board/University	Subjects	Year	Division/Grade/Marks
S. S. C.	G. S. E. B. Gandhinagar	Science	1980	Second Class
H. S. C.	G. S. H. S. E. B. Gandhinagar	Science	1983	First Class
B.Sc.	Saurashtra University	Chemistry	1986	First Class
M.Sc.	Saurashtra University	Organic Chemistry	1988	Second Class

	University	Organic Chemistry		
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**C.(a) Research Experience & Training :**

Research Stage	Title of work/ Thesis	University where the work was carried out
M.Phil. or equivalent	-	-
Ph.D.	Studies on Synthetic Drugs	Saurashtra University
Post-Doctoral	-	-
Publication (give a list separately) <u>(Annexure-I)</u>	<u>Annexure-I</u>	Saurashtra University
Research Guidance (give names of Students guided successfully) <u>(Annexure II)</u>	Saurashtra University Recognized Ph.D. Guide since 2007 (17 years)	Saurashtra University
Evaluation as an External Referee for M. Phil Dissertation / Ph.D. Thesis	<u>Annexure-III</u>	-

**C.(b) Research Projects Carried out :**

Title of the project	Name of the funding agency	Duration	Remarks
Studies on Cyanopyridines	WRO- UGC, Pune	February 2007-2009	Completed

**C.(c) Seminars, Conferences, Symposia, etc. Attended :**

Name of the Seminars, Conferences, Symposia, etc.	Name of the sponsoring Agency	Place & Date	Title of the paper presented (if any)
Frontier Advance in Chemical Sciences	UGC M. G. Science Institute, Ahmedabad	25 & 26.03.2008	-
Emerging Trends in Chemical Sciences	GUJCOST C.U. Shah College, Ahmedabad	27.09.2008	-
Updates in Process and Medicinal Chemistry	UGC-SAP Department of Chemistry, Saurashtra University, Rajkot	3 & 4.03.2009	-
T.Y.B.Sc. Syllabus formation seminar	UGC Syndicate Hall, Saurashtra University, Rajkot	13.01.2009	-
Rajyastariya Vidwat Gosthi	Vidhyabharti Gujarat Pradesh and Saurashtra University	22.11.2009	Globalization
Green Chemistry : Challenges and	Shri M.& N. Virani Science College, Rajkot	19.12.2009	Prepared posters for UG students

Solutions			
Nanotechnology : Challenges and Opportunities	Shri M.& N. Virani Science College, Rajkot	28.12.2009	-
Currents Trends in Research in Physics	M. M.Science College, Morbi	17.01.2010	-
Research Methodology for Investigating Natural And Synthetic Drugs	Chemistry Department, K.S.K.V. Kachchh University	22 & 23.01.2010	-
Biochemistry : A Global Approach From Molecules to Cell	UGC, Dept of Biochemistry, Saurashtra University, Rajkot	30.01.2010	-
Nanoscience and Nanotechnology : A Curriculum Development Approach	UGC, M.V.M.Sc. & H.Sc. College, Rajkot	21.02.2010	-
Nanotechnology: How useful in Today & Tomorrows for Bio-Organic & Natural Sources in Agricultural Farming	Nano Agro Science Co-Operative Society Limited, Rajkot	08.05.2010	-
NME-ICT- The GUJARAT INITIATIVE	Knowledge Consortium of Gujarat) Department of Education, Government of Gujarat	07.06.2010	-
Bridging Gaps in Discovery and Development : Chemical and Biological Sciences For Affordable Health, Wellness & Sustainability	DST, GCST, ISCB & Saurashtra University, Rajkot	04.02.2011 to 07.02.2011	Synthesis and MIC of 3-(4'-phenylsulphonamidophenyl)-5-aryl isoxazoles.
Bridging Gaps in Discovery and Development : Chemical and Biological Sciences For Affordable Health, Wellness & Sustainability	DST, GCST, ISCB & Saurashtra University, Rajkot	04.02.2011 to 07.02.2011	Antimicrobial Studies of triazolo triazino indoles by agar dilution method.
Bridging Gaps in	DST, GCST, ISCB	04.02.2011	Preparation and

Discovery and Development : Chemical and Biological Sciences For Affordable Health, Wellness & Sustainability	& Saurashtra University, Rajkot	to 07.02.2011	Antimicrobial Activity Of 2,5- BIS -(3 <sup>o</sup> -Acetyl phenyl Amino)-S-triazines.
Bridging Gaps in Discovery and Development : Chemical and Biological Sciences For Affordable Health, Wellness & Sustainability	DST, GCST, ISCB & Saurashtra University, Rajkot	04.02.2011 to 07.02.2011	Preparation and MIC of 5-Aryl-7-methyl-N-(2,5-dimethylphenyl)-2,3,5-trihydrothiazolo[3,2-a]pyrimidine-6-carboxamide derivative.
NATIONAL CONFERENCE ON ENVIRONMENT AND CLIMATE	Department of Biological Sciences, M.V.M. Science & Home Science College, Rajkot	13.02.2011	Antimicrobial Studies Of Algal Extracts By Agar Dilution Method
NATIONAL CONFERENCE ON ENVIRONMENT AND CLIMATE	Department of Biological Sciences, M.V.M. Science & Home Science College, Rajkot	13.02.2011	Synthesis And Antimicrobial Activity Of Newer N-Substituted Pyrimidine Derivatives
Nanosys – 2011	Chemistry Department ,K.S.K.V. Kachchh University	26.02.2011	-
Current trends in Medicinal Chemistry	UGC-SAP Department of Chemistry, Saurashtra University, Rajkot	16 to 18.03.2012	-
Ashok Gondhia Research Award	Regional Community Science Centre, Rajkot	23.12.2012	Microwave Assisted Synthesis of N- Substituted Pyrimidines
“Recent Advances in Industries and Chemical Education”	UGC and GUJCOST	R. R. Mehta Science College, Palanpur, 02.02.2013 to 03.02.2013	“Synthesis, characterization and antimicrobial activity of substituted tetrahydrothieno [2, 3- c] pyridin-2-yl) urea derivatives”
“Recent Advances in Industries and Chemical Education”	UGC and GUJCOST	R. R. Mehta Science College, Palanpur, 02.02.2013 to 03.02.2013	“Synthesis and Antimicrobial activity of newer thiazolopyrimidines”
Current trends in drug discovery and developments	C. D. R. I. Lucknow	25.02.2015 to 28.02.2015	Cu(I) Catalyst Highly Efficient one-pot Synthesis of pyrazole derivatives using microwave assisted A3 coupling
Recent Trends in Affordable	(22 <sup>nd</sup> ISCB International Conference)	Uka Tarsadia University,	Multicomponent Synthesis of Coromenopyrimidinone via

and Sustainable Drug Discovery and Developments		06.02.2016 to 08.02.2016	Biginelli reaction and their anti- inflammatory activity
9 <sup>th</sup> National Science Symposium	GUJCOST	Christ College, Rajkot 14.02.2016	-
Quality enhancement and sustenance in teaching, Learning and evaluation in Higher Education	Christ College, Rajkot	20.08.2016	Revolution in Higher Education
Interface of chemical biology in drug research	SRM College of Pharmacy, Kattankulathur, Tamilnadu	08.02.2017 to 10.02.2017	Multicomponent synthesis of Chromenopyrimidines via biginelli reaction and their anti- inflammatory activity”
International Science Symposium on Recent Trends in Science & Technology	Federal Bank & Suraksha Setu Society	Christ College, Rajkot 26.02.2017 to 27.02.2017	Antimicrobial profile of algal extracts
Paradigm Shift towards Sustainable Growth in Chemical and Biological Sciences	DST, GSBTM, SNJ Labs Pvt. Ltd., Krishna Scientific, Anlon Healthcare PVT. LTD., SSIP, BKNMU & ISCB	Junagadh, 11.01.2024 to 12.01.2024	Synthesis, Characterization and Antimicrobial Screening of (1E, 4E)-1-(3-methyl-5-phenoxy-1-phenyl-1H-pyrazol-4-yl)-5-phenylpenta-1, 4-dien-3-one and its derivatives.
Paradigm Shift towards Sustainable Growth in Chemical and Biological Sciences	DST, GSBTM, SNJ Labs Pvt. Ltd., Krishna Scientific, Anlon Healthcare PVT. LTD., SSIP, BKNMU & ISCB	Junagadh, 11.01.2024 to 12.01.2024	A rapid one-pot Synthesis and Biological Evaluation of Novel 1,2,4-triazolo[1,5-a] pyrimidines.

**C.(d) Training/ Workshop/FDP/Orientation/ Refresher Course :**

Sr. No.	Name of Programme	Duration	Organized by
1	Instrumentation Training	26.07.1991 to 08.08.1991	CDRI , Lucknow
2	Orientation Course	07.02.1994 to 06.03.1994	ASC
3	Refresher Course	02.03.1998 to 22.03.1998	ASC
4	Refresher Course	02.03.2001 to	ASC

		29.03.2001	
5	Training and capacity Building Programme	31.10.2011 to 05.11.2011	-
6	Refresher Course (Interdisciplinary)	02.12.2013 to 22.12.2013	ASC
7	Faculty Development Workshop "Maintenance of Opto-Analytical Instruments	19.08.2013 to 23.08.2013	Shree M. & N. Virani Science College, Rajkot & WRIC, Mumbai
8	Concepts of Networking	12.08.2013 to 23.08.2013	IQAC, M V M Science & Home Science College, Rajkot
9	Computer Basics	07.07.2014 to 17.07.2014	IQAC, M V M Science & Home Science College, Rajkot
10	National Workshop on NAAC Awareness	16.09.2015 to 18.09.2015	IQAC, Saurashtra University, Rajkot
11	Faculty Development Programme	11.08.2016 to 20.08.2016	IQAC, M V M Science & Home Science College, Rajkot

**C.(e) Details as Resource person :**

Sr.No.	Event	Title of Presentation	Date & Place	Organized by
1	Ph. D. Course Work in Chemistry	Resource Person	Saurashtra University, Rajkot Since 2010 to as on Date	Department of Chemistry, Saurashtra University, Rajkot
2	Promotion of Culture of Quality Through Research	Resource Person	KCG, Department of Education, Govt. of Gujarat 29.04.12 to 02.05.12	KCG, Department of Education, Govt. of Gujarat
3	Promotion of Culture of Quality Through Research	Resource Person	KCG, Department of Education, Govt. of Gujarat 21.03.13 to 23.03.13	KCG, Department of Education, Govt. of Gujarat
4	Atmiya Sci Tech Ustav-2014	As a Judge of Poster Presentation at DST Sponsored Symposium	M & N Virani Science College, Rajkot 15.02.14 to 16.02.14	M & N Virani Science College, Rajkot
5	Science Symposium	As a Judge of Poster and Oral Presentation	Christ College, Rajkot 22.02.15	Christ College, Rajkot
6	Atmiya Sci Tech	As a Judge of	M & N Virani	M & N Virani

	Ustav-2016	Poster Presentation at DBT Sponsored Symposium	Science College, Rajkot 22.01.16 to 23.01.16	Science College, Rajkot
7	Budding Scientists -1	As a Judge in Oral Session	Harivandana College, Rajkot 18.02.17	Harivandana College, Rajkot
8	10 <sup>th</sup> Science Symposium	As a Judge of Poster and Oral Presentation	Christ College, Rajkot 11.02.18	Christ College, Rajkot
9	11 <sup>th</sup> Science Symposium	As a Judge of Poster and Oral Presentation	Christ College, Rajkot 03.02.19	Christ College, Rajkot
10	12 <sup>th</sup> Science Symposium	As a Judge of Poster and Oral Presentation	Christ College, Rajkot 19.01.20	Christ College, Rajkot
11	Budding Scientists -4	As a Judge in Oral Session	Harivandana College, Rajkot 30.01.23	Harivandana College, Rajkot
12	13 <sup>th</sup> Science Symposium	As a Judge of Poster and Oral Presentation	Christ College, Rajkot 05.02.2023	Christ College, Rajkot
13	ISCBC-2024	As a Judge of Poster Presentation	Junagadh, 11.01.24 to 12.01.24	BKNMU, Junagadh and ISCB, Lucknow
14	14 <sup>th</sup> Science Symposium	As a Judge of Poster and Oral Presentation	Christ College, Rajkot 04.02.2024	Christ College, Rajkot

**D.(a) Teaching Experience :**

Course taught	Name of the University/College/Institution	Duration (As on June-2024)
U.G.	MVM Science & Home Science College, Rajkot	31 years
P.G.	Saurashtra University, Rajkot	28 years
M. Phil.	-	-
Any other	-	-

**D.(b) Total Teaching Experience :**

(i) Under-graduate : 31years(ii) Post graduate : 28 years

**E. Innovations / Contributions in Teaching :**

(Give list/lists separately for the following if required)

a) **Design of Curriculum :**

- Teaching Methods: Chalk & Talk, Multimedia
- Laboratory Experiments : As per Curriculum
- Evaluation Methods
- Preparation of resource material Including book, reading materials,
- Remedial Teaching /Student
- Student Counseling (academic/personal/social)
- Any other(providing guidance to present posters at UG level since 2007)

- b) **Teaching Methods :**
  - Interaction
  - Group Discussion
  - Seminars
  - Dialogues
  - Power point presentation
  - Questioning
  - Prepared video lectures as well as practical videos.
- c) **Laboratory experiments :**
  - Teaching,
  - Explaining,
  - Demonstration,
  - Use of multimedia
  - SOPs.
- d) **Evaluation Methods :**
  - Unit tests,
  - Quiz ,
  - Asking questions,
  - Debate
- e) **Preparation of resource material including book, reading materials, Laboratory manual etc.**
  - Prepared resource material for units taught by me.
  - Laboratory manuals are prepared for all the three years.
- f) **Remedial Teaching / Student :**
  - Dull students and absentees are taught in free time.
- g) **Counselling (academic):**
  - Providing guidance to present posters at UG level since 2007.
- h) **Any other :**
  - Students' marksheets are always improved by my constructive criticism and devotion of my extra time to solve their subjective problems.

#### **F. Extension Work/ Community Services :**

- 1 Please give a short account of your contribution to : -
  - i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, Peace, Scientific temper, flood or drought relief, small family norms etc.:
  - ii) National Mission:
    - Participation in rally for the awareness and cure of Swine flu organized by Saurashtra University on: 20<sup>th</sup> November 2011.
    - Spread awareness about the prevention and cure of swine flu when the epidemic was spreading threateningly in the area.
    - Anti-female foeticide (Save Girl Child) rally
- 2 Position held/Leadership role played in organizations linked with Extension Work & National Service Scheme (NSS) or NCC or any other similar activity :
  - Served as NSS Program Officer at MVM Science & Home Science College, Rajkot for 3 years.

#### **G. Participation in Corporate Life:**

Please give a short account of your contribution to :

- i) **College/University/Institution :**



- Expert in Formation of Syllabus of Chemical Science in Saurashtra University, Rajkot.
- External Examiner and Paper setter in Undergraduate and Post Graduate courses in Saurashtra University, Atmiya Autonomous University, Rajkot; R. K. University, Rajkot; Bhakt Kavi Narsinh Mehta University, Junagadh and KSKV University, Kuchchh.
- Committee member of IQAC of our college.
- Co-editor of College Magazine
- Committee member of Saptdhara
- Life member of Chemistry at various colleges.

**ii) Co-curricular Activities :**

- Running college wall magazine (MVM spectrum) since 2007
- **Sub-editor** in MVM Spectrum newsletter tri-monthly magazine (Science Section)

**iii) Enrichment of Campus Life (Hostels, Sports, Games, Cultural Activities): Guided students to participate in cultural activities in and outside college for their all over development.**

**iv) Students Welfare & Discipline:**

- Prepared several students every year to take participation in poster as well as oral paper presentations in various academic events. Several students opting courses in abroad were helped with proper certification and encouragement. Started guiding Ph.D. students since 2007.
- Participated in Chintan Shibir (To inspire students to avoid Suicide as Suicide ratio is increasing now-a-days)

**v) Membership/Participation in Bodies/Committees on Education and National Development:**

**vi) Professional Organization of Teacher:-**

**H.(a) Membership of Professional Bodies, Societies etc. :**

Sr. No.	Organization	Type of membership
1.	Old Songs Listeners 'Society, Rajkot	Life time membership
2.	Bruce Lee Welfare Club, Rajkot	Life time membership
3.	Central Library , Saurashtra University, Rajkot	Life time membership

(b) Editorship of Journals : -

**I.(a) State brief assessment of your performance indicating :**

(b) Difficulties faced : -

(c) Suggestions for improvement :

**J. Step taken by you for the evaluation of the course/ programme taught : -**

**K. Any other Information :**

- Visit to Special Children's home ,Rajkot.
- Maintenance of Nature: birds and fish.
- Yogasana and pranayam.
- Pranik Healing.
- Travelling to Religious places.
- Ready to accept all the unexpected / Emergency /Necessary duties allotted by college with first priority.

**Annexure-I: List of Research Papers Published and Full papers in Conference Proceedings.**

<b>Sr. No.</b>	<b>Title of the Paper</b>	<b>Journal/ Book</b>	<b>Date/ Volume/ Pg. No.</b>	<b>Year of Publication</b>	<b>National/ International</b>	<b>ISBN/ ISSN No.</b>
1	Preparation and antimicrobial activity of 3-(4'-phenylsulphonamido phenyl)-5-aryl-1-actyl/phenyl-4,5-dihydropyrazoles	J. Ind. Chem Society	68, 413	1991	National	ISSN: 0019-4522
2	Preparation and antimicrobial activity of 3-(4'-phenylsulphonamido phenyl)-5-aryl-1,4,5-trihydropyrazoles.	J. Inst. Chemists	64, 76	1992	National	ISSN: 020-3254
3	Preparation of antimicrobial activity of 3-(4'-phenylsulphonamido phenyl)-5-arylisoxazoles.	J. Inst. Chemists	64, 133	1992	National	ISSN: 020-3254
4	2-Amino-4-arylamino-6-(purin-6-ylamino)s-triazines	J. Inst. Chemists.	68, 251	1996	National	ISSN: 020-3254
5	Some ring closure reactions involving phthalazine.	Indian J. Chem.	40B, 500-503	June (2001)	National	ISSN: 0019-5103
6	Synthesis, Characterization and Evaluation of anti-cancer properties of some bio-active compounds with Emphasis on study of evolution of cancer.	-	-	2009	-	-
7	Microwave assisted synthesis of N-substituted pyrimidines using AlCl <sub>3</sub> as catalyst and their antimicrobial activities.	Der Pharma Chemica	Vol 2(4), 361-368	2010	International	ISSN: 0975-413X
8	Synthesis and antimicrobial activities of novel Pyrazolo [3,4-d] pyrimidine derivatives.	Inter. J. Chem & Ana. Science	2(2), 15-17	2011	International	ISSN: 0976-1209
9	Synthesis and Antimicrobial	Journal of Chemical and	Vol 4, Issue 3, 1566-1572	2012	International	ISSN: 0975-

	Activity of Substituted Tetrahydro [2,3-C] pyridine-2yl urea derivatives	Pharmaceutical Research				7384
10	Synthesis, Characterization And Antimicrobial Activity of substituted Tetrahydrothiano [2,3-C] Schiff based derivatives	Journal of Applied Technology in Environmental Sanitation	Vol 2, Issue 2, 109-114	August 2012	International	ISSN:2088-3218
11	Synthesis, characterization and antimicrobial activity of new quinazolin-4 (3H)-one schiff base derivatives	J. Chem. Pharm. Res.	4, 4864-4869	2012	International	ISSN; 0975-7384
12	Synthesis and antimicrobial evaluation of some novel 2,3,7-trisubstituted quinazolinones derivatives	American Journal of PharmTech Research	Volume: 3, Issue: 2, Pages: 913-927	2013	International	ISSN: 2249-3387
13.	Synthesis and biological activity of some new Schiff's base	International Journal of Chemical Sciences	11(2):981-988	2013	International	ISSN 0972-768X
14.	Simultaneous quantification of the nortriptyline, bupropion, milnacipran, fluoxetine and sertraline of the antidepressant class of drugs by HPLC-UV: a simple, rapid and sensitive quantification method	PHARMANEST - An International Journal of Advances in Pharmaceutical Sciences	Volume 6, Issue 3, Pages 2831-2833	May-June 2015	International	ISSN: 2231-0541
15.	Development and validation of a stability indicating RP-UPLC method for the determination of paracetamol and ibuprofen tablet.	Journal of Chemical and Pharmaceutical Research	7(4):1308-1315	2015	International	ISSN : 0975-7384
16.	Synthesis and biological studies of novel chalcones of	International Journal for Pharmaceutical	Volume: 4, Issue: 3, Pages: 194-	2015	International	ISSN: 2277-7873

	vanillinanalogue	Research Scholars	199			
17.	Validated Stability Indicating Chromatographic Method for the Simultaneous Estimation of Camylofin with NSAID Drugs and a New Approach of Method Transfer from Classical HPLC to a Modern UPLCInstrument	Hindawi Publication Corporation (Chromatography Research International)	Article ID 1596021, 7 pages	2016	International	ISSN: 2090-5063
18.	Synthesis and antimicrobial screening of new pyrazolines derived from chalcones of vanillin analog.	International Journal of Pharmaceutical Science and Drug Research	8(2): 98- 102	2016	International	ISSN: 0975-248X
19.	Metal and oxidant-free highly regioselective synthesis and structure analysis of 3-methyl-1-phenyl-4-(p-tolylthio)-1H-pyrazol-5-amine.	Chemistry & Biology Interface	Vol. 6 Issue 4, Pages 257-262	Jul/Aug 2016	International	ISSN: 2249-4820
20.	Antimicrobial Profile of Algal Extracts	-	-	2017	-	ISBN: 978-93-5067-857-2
21.	Anti-inflammatory screening of some novel coumarin derivatives.	Chemistry & Biology Interface	Vol. 7 Issue 5, p293-302	Sep/Oct 2017	International	ISSN: 2249-4820
22.	Synthesis and characterization of some 3-(2-(5-phenyl-1H-1,2,3-triazol-1-yl)acetyl)-2H-chromene-2-ones, using click reaction.	International Journal of Pharmaceutical, Chemical & Biological Sciences	Vol. 7 Issue 3, p311-321	Jul/Sept 2017	International	ISSN: 2249-9504
23.	Effect of MgCl <sub>2</sub> on the evaporation reduction ability of cetyl alcohol.	International Journal of Advanced Scientific Research and Management	Vol. 3 Issue 6, p186-189	Jun 2018	International	ISSN: 2455-6378
24.	Synthesis and characterization of 2-(methylthio)-6-oxo-	World Scientific News	(123), 258-264	2019	International	2392-2192

	6H-chromeno [3, 4-e] pyrazolo [1, 5-a] pyrimidine-3-carbonitrile derivatives					
25.	Synthesis of supramolecular receptors for amino acid recognition	Current Chemistry Letters	8 (4), 225-237	2019	International	1927-730X
26.	Synthesis and antifungal activity of some coumarin based 1, 2, 3-triazole derivatives.	Journal of Advanced Scientific Research	11	2020	International	0976-9595
27.	A Validated Stability-Indicating Method for Separation of Prucalopride Drug by HPLC: Method Transfer to UPLC.	Analytical Chemistry Letters	11(4), 580-595	2021	International	2230-7532
28.	A column screening study: Validation of a RP-LC method for determination of teriflunomide with pentafluorophenyl stationary phase	Journal of the Indian Chemical Society	Volume 100, Issue 12, Pages 101-107	2023	International	ISSN 0019-4522
29.	Design, Synthesis, Characterization and Antimicrobial Screening of Newly Synthesized Isoxazole of Vanillin Analogues	World News of Natural Sciences	50, 110-120	2023	International	2543-5426
30.	Synthesis, characterization and biological study of some new substituted pyrazolo[3,4-d] thiazolo[3,2-a] pyrimidine derivatives.	Current Chemistry Letters	12(4), 831-838	2023	International	1927-730X
31.	Antimicrobial profile of Algal Extracts by Agar Dilution Method	Contemporary Development in Science, Proceedings of National Seminar on Scientific Health SWP -2012	139-141	2012	National	978-93-5067-857-2

32.	Effect of substituents present at N-1 and C-3 position of Pyrazoline Scaffolds on antimicrobial activity –A Comparative Study	7 <sup>th</sup> National level “Science Symposium” 2014 on “Recent trends in science and Technology”	-	23 Feb, 2014	National	-
33.	Comprehensive Study of Assessment Techniques in Antimicrobial Activity	Proceedings of the National level Science Symposium 2016 on Recent Trends in Science & Technology	358-362	14/02/2016	National	978-81-929521 - 2-3
34.	Synthesis & antimicrobial activity of 5-Triazolines activity of 2-(3-Acetylphenylamino)-4-Arlyamino -6-(1'-phenyl-2'-3'-dimethyl-5 pyrazolo-4'-yl-amino)-5-triazines	-	-	-	-	-

**Annexure-II: Research Guidance (Students guided successfully and on-going).**

Sr. No.	Name of the student	Registration No. with date	Title	Thesis submitted/ ongoing
1.	Mr. Milan Trivedi	3686/ 31.07.2007	Synthesis, Characterization and Evaluation of Anticancer Properties of Some Bioactive Compounds with Emphasis on Study of Evolution of Cancer	Ph.D. degree awarded.
2.	Mr. Mukesh Chavda	3701/ 17.09.2007	Synthesis, Characterisation and Antibacterial Activity of Organic Molecules	Ph.D. degree awarded
3.	Mr. Rushit Kalaria	3687/ 31.07.2007	Studies on Biological Evaluation of Novel Heterocyclic Compound	Ph.D. degree awarded
4.	Mr. Jayendra Kanzariya	5105/ 01.01.2013	Synthesis, Characterization & Biological Evaluation of some Heterocyclic Molecules	Ph.D. degree awarded
5.	Mr. Krushnakumar Karangiya	14188/ 01.02.2014	Synthesis, Characterization and Biological Screening of Some Heterocyclic Compounds	Ph.D. degree awarded
6.	Ms. Sheetal Makwana	5090/ 01.01.2013	Studies on Chromatographic Profile of Some Pharmaceutical Compounds	Ph.D. degree awarded
7.	Mr. Yogesh Dangar	4287/ 01.01.2011	Studies on some Organic Compounds and Ionic Liquids as possible WER (Water Evaporation Retardents)	Ph.D. degree awarded
8.	Mr. Yogesh Ajudiya	4565/ 	Studies and Biological Evaluation of	Ph.D. degree

		01.01.2012	some Heterocyclic Compounds of Medicinal Interest	awarded
9.	Mr. Hitesh Vala	14185/ 01.02.2014	Studies on some Heterocyclic Compounds of Medicinal Interest	Ph.D. degree awarded
10.	Mr. Arun Vaghasiya	14186/ 01.02.2014	Studies on some Heterocyclic Compounds of Medicinal Interest: Synthesis, Characterization and Antimicrobial activities of nitrogen/oxygen containing Heterocycles	Ph.D. degree awarded
11.	Ms. Prachi Trivedi	14187/ 01.02.2014	Synthesis, Characterization and Biological Evaluation of Heterocyclic Moieties	Ph.D. degree awarded
12.	Ms. Kinjal Sabalpara	20042/ 01.01.2020	Synthesis, Characterization and Biological Screening of Heterocyclic Moieties	Ongoing
13.	Mr. Mayur Chandra	20044/ 01.01.2020	Synthesis and Characterisation of Some New Heterocyclic Compounds of Medicinal Interest	Ongoing
14.	Ms. Hina Tilavat	21033/ 01.02.2020	Synthesis, Characterization and Biological Evaluation of Heterocyclic Entities	Ongoing
15.	Mr. Amrish Dave	23170/ 01.01.2023	Design, Synthesis, Characterization, and Evaluation of Biological Activities of Nitrogen Containing Heterocyclic Analogues	Ongoing
16.	Ms. Sweta Joshi	23166/ 01.01.2023	Synthesis, Characterization, and Evaluation of Drug Potential of New Aromatic Heterocyclic Compounds	Ongoing
17.	Ms. Mital Bhatt	23169/ 01.01.2023	Synthesis of Some New Heterocyclic Compounds And Their Biological Evaluation	Ongoing

**Annexure-III: Evaluation as an External Referee for M. Phil Dissertation / Ph.D. Thesis.**

<b>Name of the Student</b>	<b>Title</b>	<b>Guide &amp; University</b>	<b>My Appointment No.as an External Referee</b>	<b>Assessment Reportsenton</b>
ChavdaVijayD	M.PhilDissertation" DevelopmentandValidationofMethodsfor EstimationofDrugs"	Dr.PravavShrivastav,(Department ofChemistry), GujaratUnive rsity,Ahmeda bad	Exam A/Dissertation I7203 (16/11/2013)	07.12.2013

Ms. Bijal A. Shah	Ph.D. Thesis "Conductometric Studies on the Complexation of crown ether and its analogues with metal ions in non-aqueous and mixed solvent systems"	Dr. Mallika Sanyal (Department of Chemistry), Kadi Sarva Vishwavidyala, Gandhinagar	Ph.D./328/2015/09/15	27.10.2015
Mr. Dhirajlal D. Chauhan	Ph.D. Thesis "Development of New Biostimulants for Agronomic use from Sea Weeds and N-Acetyl-L-Thiazolidine-2-Carboxylic Acid"	Dr. Merlin Thomas (Department of Industrial Chemistry), (ISTAR) S.P. University, V.V. Nagar	E-3/Ph.D./4069 Dated: 08/12/16	09.02.2017
Mr. Abhaysingh Y. Bhadoriya	Ph.D. Thesis "Bioanalysis of Some Selected Drugs in Human Plasma by LC-MS/MS for Clinical Studies"	Dr. Pravav Shrivastav, (Department of Chemistry), Kadi Sarva Vishwavidyala, Gandhinagar	Ph.D./2020/105 Dated: 05/09/2020	10.12.2020