



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. Vikram R. Dangar
2	Residential Address with Pin No.	“ Jaya-Savita”, Block No.-45, Saibaba Park, Street No.-2, B/H Mahatma Gandhi School, Kalawad Road Rajkot-360005
3	Mobile No.	9925872955
4	Landline No. of Resident	--
5	Other alternative No.	--
6	E-Mail ID	vrdangar@gmail.com , vrdangar@yahoo.in
7	Date of Birth	02/07/1972

B(a).General Information:

1	Designation	Associate Professor
2	Department	Chemistry
3	Specialization if any	Organic Chemistry
4	Date of Appointment	07/12/1996
	I) In the present Institute	02/03/2019
	II) In the Present Post	
5	Honours Conferred	

B(b).Academic Qualification:

Examination	Board/University	Subjects	Year	Division/ Grade/Marks
S.S.C.	G.S.E.B.	-	March-1989	1st class
H.S.C.	G.S.H.E.B.	Science	March-1991	2nd class
B.Sc.	Saurashtra University	Chemistry	March-1994	2nd class
M.Sc.	Saurashtra University	Organic Chemistry	May-1996	1st class
CCC(Plus)⁺	SPIPA, Ahmedabad	Computer	May-2007	Distinction
Ph.D.	Saurashtra University	Organic Chemistry	Oct.-2015	-

C(a). Research Experience & Training:

Research Stage	Title of work/ Thesis	University where the work was carried out
M.Phil. or equivalent	--	--
Ph.D.	Synthesis, Characterization And Pharmacological Activities Of Heterocyclic Compounds	Dept. of Chemistry, Saurashtra University-Rajkot
Post-Doctoral	--	
Publication (give a list separately) (<u>Annexure-I</u>)	See Annexure-I	
Research Guidance (give names of Students guided successfully) (<u>Annexure-II</u>)	--	
Training (Please specify)	--	

C(b). Research Projects Carried out:

Title of the project	Name of the funding agency	Duration	Remarks
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C(c). Seminars, Conferences, Symposia, etc :

Name of the Seminars, Conferences, Symposia, Workshops, etc.	Name of the sponsoring Agency	Place & Date	Title of the paper presented (if any)
National seminar on Progress in Luminescence and its Applications	Dept. of Physics of Bahauddin science college- Junagadh	14/12/2002	Attended
Two day seminar on UGC patterned new syllabus formation in chemistry	Kamani science & Prataprai Arts college-Amreli	01/10/2003 to 02/10/2003	Attended
One day state level seminar on “ Green Chemistry: Challenges & Solutions ”	Shri M.Virani & Smt. N. Virani science college- Rajkot	19/12/2009	Attended
One day National level seminar on “Nanotechnology: Challenges & Opportunities ”	Shri M.Virani & Smt. N. Virani science college- Rajkot	28/12/2009	Attended
“Quality Sustenance Of Higher Education Institutions In Rural Areas”	Art’s & Commerce Collage- Manavadar	05/12/2009 to 06/12/2009	Attended
“C.B.C.S.–Prospects & Problems”	Art’s ,Commerce & Computer Science Collage- Manavadar	04/08/2011	Attended

Conference: 31st Annual Conference of Indian Council of Chemists	Dept. of Chemistry , Saurashtra University Rajkot	26/12/2012 to 28/12/2012	Attended
UGC sponsored National seminar on “Recent Trends And Frontiers In Chemistry”	Department of Chemistry, Saurashtra University, Rajkot	22/02/2017 to 23/02/2017	Poster presented:(Synthesis and biological evaluation of some new cyanopyridine derivatives of imidazo[1,2-<i>a</i>]pyridine nucleus)
10th National Science Symposium on Recent Trends in Science and Technology	Christ College, Rajkot	11/02/2018	Paper presented: Synthesis and therapeutic evaluation of some new quinoline derivatives of 4-cyclopropyl-5,6,7,8 substituted-1, 2-dihydro quinoline-2-ones.
Development of Higher Education in India: An Overview	Guru Angad Dev teaching Learning Centre SGTB Khalsa college-Delhi.	9th April-2020	-
“Anusandhan”:Webinar on ‘Research Methodology and Frontiers in Science’	Department of Physics, Saurashtra University, Rajkot, & Gujarat Science Academy & Essencetech.	26th-29th April-2020	-
Webinar on Citizen Science: learning from Home-Digital way	Gujarat Council on Science and Technology, Department of Science and Technology, Government of Gujarat.	29th April - 2020	-
Webinar on use of ICT in teaching & learning	Christ College Rajkot	Rajkot 10/7/2021	Attended
Participated in online expert lecture on applied chemistry on ‘Nanotechnology: Science of Future’.	Department of Chemistry, Christ College-Rajkot	Rajkot 26-08-2021	Attended
Participated in online webinar on Teacher Workshop on Assessment for Speaking	Society for Creation of Opportunity through Proficiency in English (SCOPE)	Cambridge English Team 06-09-2021	Attended
NATIONAL WEBINAR ON "Teacher’s E-Kit: A Four	GAD-TLC under MMMNMTT	SGTB Khalsa	Attended

Quadrant Approach for Development of OERs for Higher Education"	of Ministry of Education	college, University Delhi 09-09-2021	
Participated in online webinar on 'What after B. Sc.?'	Jointly organized by M.V.M. Science & Home Science College-Rajkot & School of Science, RK University-Rajkot.	Rajkot 29/01/2022	Attended
Quantum Mechanics	Christ College Rajkot	Rajkot 28/02/2022	Attended

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

Sr. No.	Name of Programme	Duration	Organized by
Orientation			
1	Orientation programme	08/12/2003 to 04/01/2004	Smt. C.R.GARDI ACADEMIC STAFF COLLEGE-Saurashtra Uni.Rajkot.
2	One week orientation training programme under NMSA-Soil Health Card scheme	28/09/2017 to 01/09/2017	Directorate of extension education Junagadh Agricultural University, Junagadh.
Refresher Course			
3	Refresher course-1	26/11/2001 to 15/12/2001	Department of chemistry , S.P. Uni. Vallabh Vidhyanagar.
4	Refresher course -2	10/12/2004 to 30/12/2004	Academic staff college , H.P.Uni.-Shimla.
5	Refresher course -3	9/02/2008 to 29/02/2008	Ugc Academic staff college, B.H.Uni.-Varanasi.
6	Online Refresher Course in Chemistry for Higher Education Faculty (R. C.-04)	02/11/2018 to 30/03/2019	Annual Refresher programme In Teaching (ARPIT)-March-2019 of M.H.R.D. of India(SWAYAM).
7	Online Refresher Course in Chemistry for Higher Education Faculty (R. C.-05)	01/09/2019 to 31-12-2019	Annual Refresher programme In Teaching (ARPIT)-February-2020 of M.H.R.D. of India (SWAYAM).
Training			
8	Research methodology training in Ph.d. (Course work)	25-11-2011 to 25-12-2011	Department of Chemistry at Saurashtra University Rajkot
9	Training on Soil analysis for micronutrients about soil health card programme	09/03/2015 to 11/03/2015	State agricultural management and extension training institute, CORDET, IFFCO-KALOL.
10	Training on Soil analysis, central scheme , "National Mission for	01/12/2016 to 02/12/2016	State agricultural management and extension training institute, CORDET, IFFCO-KALOL

	Sustainable Agriculture” about soil health card programme		
11	One week Short Term Course : 28 , " Gender Sensitization in Indian Culture "	08/01/2018 to 14/01/2018	UGC: human resource development centre Saurashtra University, Rajkot.
Workshop			
12	Workshop:“Information literacy”	26/11/2011	Shri M.Virani & Smt. N. Virani science college-Rajkot.
13	Workshop on “Promotion of Culture of Quality through Research”	23/06/2014 to 25/06/2014	Kamani Science College & Prataprai Arts College, Amreli and Knowledge Consortium of Gujarat, Ahmedabad
14	National Workshop on Development of Teacher’s e-Kit-Chemistry.	1 day	Guru Angad Dev teaching Learning Centre Centre SGTB Khalsa college-Delhi.

C.(e) Details as Resource person :

Sr.No.	Event	Title of Presentation	Date & Place	Organized by
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D(a). Teaching Experience:

Course taught	Name of the University/College/Institution	Duration (As on June-2024)
U.G.	Bahauddin Science College, Junagadh.	10-Year & 9-Months
U.G.	Kamani Science & Prataprai Arts College-Amreli.	11-Year & 5-Months
U.G.	Matushri Virbaima Mahila College & Home Science College-Rajkot.	02/03/2019 to till date
P.G.	--	--

D(b). Total Teaching Experience:

(i) Under-graduate : **27-Year & 4-Months** (ii) Post graduate : -

E. Innovations / Contributions in Teaching:

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

Design of Curriculum : UGC patterned new syllabus formation in chemistry organized by Kamani science & Prataprai Arts college-Amreli, on 1st and 2nd October 2003.

- Teaching Methods : **Direct teaching & Seminar, Discussions.**
- Laboratory experiments : **Chemistry Practicals.**
- Evaluation Methods : **Class room test, Assignment, MCQs and Viva.**
- Preparation of resource material Including book, reading materials, Laboratory manual etc.:
- Remedial Teaching/Student : **Out side the class as & when required by the students for Project preparation / Guidance.**

- f) Counselling (academic): **Guiding the needy students to get good Results & also Competitive examinations.**
 g) Any other :

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:
- 2 Position held/Leadership role played in organizations linked with Extension Work & National Service Scheme (NSS) or NCC or any other similar activity
- I. Nodal Officer :- G-20 Summit-2023, Date: 30/01/2023 to 30/09/2023**
 - II. Nodal Officer: – G3Q-2.0 (Gujarat Gyan Guru Quiz), Date: 24/12/2023 to 24/02/2024**
 - III. Coordinator–Gujarat Common Admission Service (GCAS)-Academic year-2024-25 (Science stream)**

G. Participation in Corporate Life:

Please give a short account of your contribution to :

- i. College/ University/Institution :--
- ii. Co-curricular Activities :--
- iii. Enrichment of Campus Life (Hostels, Sports, Games, Cultural Activities) :--
- iv. Students Welfare & Discipline:--
- v. Membership/Participation in Bodies/Committees on Education and National Development:--
- vi. Professional Organization of Teacher: --

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

(b) Editorship of Journals: -----

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

(b) Difficulties faced : -----

(c) Suggestions for improvement : -----

Annexure-I :

Sr. No.	Title of the Paper	Journal/ Book	Date/ Volume/ Pg. No.	Year of Publication	National/ International	ISBN/ ISSN No.
1	Synthesis and	Chemistry-	Vol.1(1),	Dec-2012	National	ISSN : 2319-

	antimicrobial screening of some cyclopropyl dihydropyrazole derivatives.	Research Zone India-1	page 85-88			8168
2	Synthesis and characterization of some new dihydropyridines derived from N-Aryl-3-cyclopropyl-3-oxo-propanamides.	Chemistry-Research Zone India-1	Vol.1(1), Page 94-98	Dec-2012	National	ISSN : 2319-8168
3	Synthesis and antimicrobial activities of some new cyanomethoxy pyridine derivatives of N-Aryl-3-cyclopropyl-3-oxo-propanamide.	Chemistry-Research Zone India-1	Vol.11(2), page 191-195	Mar-2013	National	ISSN : 2319-8168
4	“Synthesis and Biological Evaluation of Some new Pyrazoline derivatives of Vanillin analogue”	The International Journal of Science & Techno ledge, (IJST)	Volume-2, Issue-1	Jan.-2014	International	ISSN: 2321 – 919X
5	“Synthesis, characterization and antimicrobial activity of Cyanopyridine derivatives With Vanillin”	International Journal of Pharma Sciences and Research (IJPSR)	Vol 5 No 02	Feb.-2014	International	ISSN : 0975-9492
6	“Synthesis, Characterization and Antimicrobial Activity of Pyrazoline & Amino cyanopyridine Derivatives with Vanillin”	Scientific Reviews & Chemical Communications. (SRCC)	4(1), 2014, 31-37	Feb.-2014	International	ISSN :2277-2669
7	“Synthesis and Characterization of Some Isoxazole Derivatives of Vanillin as Antimicrobial Agent”	The International Journal of Science & Techno ledge	Volume-2, Issue-4	April-2014	International	ISSN :2321 – 919X
8	“Synthesis, Characterization and Antimicrobial Evaluation of Schiff’s Base and 4-Thiazolidinone Derivatives of Vanillin”	Acta Chimica & Pharmaceutica Indica. (ACPI)	4(2), 2014, 90-96	Feb.-2014	International	ISSN: 2277-288X
9	“Synthesis, Characterization and Antimicrobial Activity of Schiff’s Base Derivatives of Vanillin Analogue”	Journal of current Chemical & Pharmaceutical Sciences. (JCCPS)	4(2), 2014, 76- 81	Feb.-2014	International	. ISSN :2277-2871
10	"Synthesis, characterization and	The world journal of	Vol: 02, Issue: 01 ,	Mar.-2015	International	ISSN :2349-4514

	biological significance of some 2-azetidinone and 4-thiazolidinone derivatives "	engineering and applied sciences	2015.			
11	"Synthesis of cyclohexenones as biologically active agents."	The world journal of engineering and applied sciences	Vol: 02, Issue: 01, 2015	Mar.-2015	International	ISSN: 2349-4514
12	"Synthesis and characterization of some pyrazoline derivatives of azaindolizine analogue as antimicrobial agent"	International Journal of Pharma Sciences and Research (IJPSR)	Vol 6 No 01, 2015	Jan.-2015	International	ISSN : 0975-9492
13	Chemistry Practical	Ekta Prakashan & Co	Co-Author	2015-16	State	97893-84683-61-0
14	"Synthesis, characterization and antimicrobial evaluation of schiff's base and aryl aminomethyl derivatives"	International Letters of Chemistry, Physics and Astronomy	. Vol. 64, pp 89-94,: 2016.	Feb.-2016	International	ISSN: 2299-3843
15	'Synthesis and biological evaluation of some new dihydropyrimidine derivatives of methyl-3-cyclopropyl-3-oxo-propanoate nucleus'	World Journal of Pharmacy and Pharmaceutical Sciences	Volume 6, Issue 8, 1713-1719, 2017.	July-2017	International	ISSN: 2278 – 4357
16	'Synthesis and antimicrobial screening of some dihydropyrimidine derivatives of n-aryl-3-cyclopropyl-3-oxo-propanamide'	World Journal of Pharmaceutical Research.	. Volume 6, Issue 8, 2036-2042,	July-2017	International	ISSN: 2277–7105
17	'Synthesis, characterization and antimicrobial activity of a series of methyl benzyloxy pyrazoline derivatives using alkali as catalytic agents'	World Journal of Pharmaceutical Research	Volume 6, Issue 9, 809-814.	Aug.-2017	International	ISSN :2277–7105
18	"Synthesis and Biological Evaluation of Some New CYANOPYRIDINE Derivatives of IMIDAZO [1,2-A]PYRIDINE Nucleus"	International Journal for Research in Applied Science and Engineering Technology	Volume 5, Issue XI	Nov.-2017	International	ISSN : 2321-9653
19	'Synthesis, Characterization & Antimicrobial Activity of some new Dihydropyrimidinethione Derivatives"	International Journal for Research in Applied Science and Engineering Technology	Volume 5, Issue XI	Nov.-2017	International	ISSN : 2321-9653
20	Synthesis, characterization and	World Journal of Pharmaceutical	Volume-6, Issue 17,	Dec.-2017	International	ISSN: 2277–7105

	antimicrobial activity of some new barbitone derivatives	Research	749-754			
21	Synthesis and Biological Evaluation of some Heterocyclic derivatives of N-Aryl-3-cyclopropyl-3-oxo-propanamide Analogue	International Journal for Research in Applied Science & Engineering Technology	Volume 6, Issue I, Jan. 2018	Jan.-2018	International	ISSN : 2321-9653
22	Synthesis and biological evaluation of some novel dihydropyridine derivatives of 3-aryl-2-isobutanoyl-n-phenyl-acrylamide analogue	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 6 Issue I, Jan.-2018	Jan.-2018	International	ISSN: 2321-9653
23	Synthesis and therapeutic evaluation of some new quinoline derivatives of 4-cyclopropyl-5,6,7,8 substituted-1, 2-dihydro quinoline-2-ones	10 th Proceedings of National Science Symposium-2018 on Recent Trends in Science and Technology	Organized by Christ College-Rajkot. p-17-21, (February 11, 2018):	Feb.-2018	National	ISBN: 9788192952130
24	Synthesis and Biological evaluation of Some novel Cyanopyridine derivatives of Vanillin analogue.	International Journal of Creative Research Thoughts (IJCRT)	November Volume.9, Issue 11	2021	International	2320-2882
25	Synthesis, Characterization and Antimicrobial studies of Some novel Cyanopyridone derivatives.	International Journal of All Research Education and Scientific Methods (IJARESM)	Volume 9, Issue 11, November-2021	2021	International	2455-6211
26	Synthesis, Characterization and Antimicrobial Activities of Some new Pyrazole-1-Carbothioamide Derivatives.	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 9, Issue XI, November-2021	2021	International	2321-9653