

Personal Profile



1. **Name** : Miss. Afra Quasar Nadaf
2. **Address** : H. No 13, Sai Samarth Layout, Kusugal Road, Hubli
3. **PAN** :
4. **AADHAR** :
5. **Department** : Chemistry
6. **Email** : afraquasar@gmail.com
7. **Education** :

Sl. No.	Qualification	University	Year of Passing	Class
1	Ph.D.	Karnatak University, Dharwad	2021	--
2	M.Sc.	Karnatak University, Dharwad	2015	78.90
3	B.Sc.	Karnatak University, Dharwad	2013	92.75

Ph.D Thesis Title: Synthesis, Reactivity and Pharmacological Evaluation of Nitrogen and Sulphur Containing Heterocyclic Compounds

8. **Awards and Prizes** :
 1. **Best Oral Presentation Award** in Virtual International Conference on interdisciplinary approaches in chemical science organized by Maharashtra Education Society's Abasaheb Garware College, Pune during 21st - 23rd Oct 2021
 2. **Young Scientist Award** at 37th Annual conference of ICC 2018 organized by Indian Council of Chemists at Department of Chemistry, National Institute of Technology, Karnataka from 12-14th December, 2018
 3. M. Sc 1st rank with 3 **Gold medals** for the year 2015
 3. **Rolling Shield** for highest marks obtained in Zoology and Micro Biology at P.C. Jabin College, Vidyanagar, Hubli in the year 2012-13

4. **Best Girl** of P.C. Jabin Science College, Vidyanagar, Hubli for the year 2012-13

9. **Qualifying examination** : K-SET 2015

10. **Teaching experience** :

Sl. No.	Position	Year		Name of the Institution
		From	To	
1	Lecturer	June 2015	May 2016	K.L.E. Society's S.K Arts and H.S.K Science College, Vidyanagar, Hubballi
2	Assistant Professor	21 st March 2020	Till date	K.L.E. Society's P. C. Jabin Science College (Autonomous) Hubballi

11. **Administrative experience, if any** : NIL

12. **Academic Placements** : Assistant Professor

13. **Specialisation** : Synthetic Organic Chemistry
Medicinal Chemistry

14. **Membership of professional bodies** : NIL

15. **Upgradation courses** :

Sl. No.	Programme/course	Duration	Name of the University
1	Refresher Course (Chemical Sciences)	Feb 01- 15 2022	Teaching Learning Centre, Ramanujan College, University of Delhi
2	International Professional Development Programme (Effective and Quality Research Writing - Phase II)	June 07-15 2021	Patrician College of Arts and Science, Chennai
3	FDP (Recent Trends in Green Chemistry)	Nov 15-19 2021	Don Bosco Institute of Technology, Bengaluru
4	FDP(Green Technology and Sustainability Engineering)	July 5-9 2021	AICTE Training And Learning (ATAL) Academy
5	FDP (IPR Awareness and Commercial Competences)	May 10 -15 2021	Oriental University, Indore.
6	FDP (Learning Advanced E-tools for MOOCs Development & Research)	Sept 01-14 2020	Teaching Learning Centre, Ramanujan College,

7	FDP (ICT in Teaching and Evaluation)	July 13 -18 2020	MSP Mandal's Shri Shivaji College, Parbhani
8	FDP (Research Methodolgy)	July 06-07 2020	T. John College, Bangalore University
9	Orientation course	June 04 - July 01 2020	Teaching Learning Centre, Ramanujan College, University of Delhi

16. Soft skill/Life skill development

Programs

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Sl. No.	Programme/course	Duration	Name of the University
1	FDP (Imparting Soft Skills and Life Skills for Success)	Aug 17 - 22 2020	Shanti Devi Arya Mahila College, Dinanagar, University of Punjab
2	FDP (Impact of Covid on Higher Education and Research Institutes)	May 24 – 28 2021	Shri Venkateshwara Institute of Engineering and Technology

17. Technical training

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Sl. No.	Programme/course	Duration	Name of the University
1	(Workshop) Understanding OBS Studio & Streamyard for E-Content Creation and Live Streaming"	July 10 – July 11 2020	Dr. M.G.R Educational And Research Institute, Chennai

18. Paper publication

: 13

Sl.No	Details	IF	Link
[1]	Design, synthesis and biological evaluation of novel N,4-diphenylthiazol-2-amine derivatives. Medicinal Chemistry Research, 2020, 29, 442-458	2.351	https://doi.org/10.1007/s00044-019-02495-2
[2]	Synthesis, Characterization, Crystal structure and Hirshfeld surface analysis of alkyl Substituted N,4-diphenyl thiazole-2-amine. Chemical Data Collections, 2019, 24, 100297	2.218	https://doi.org/10.1016/j.cdc.2019.100297
[3]	Synthesis of 6-(4-(4-propoxyphenyl) piperazin-1-yl)-9H-purine derivatives as antimycobacterial and antifungal agents: In-vitro evaluation and in-silico study.	2.408	https://doi.org/10.1002/cb.dv.202000053

	Chemistry and Biodiversity, 2020, 17, e2000053.		
[4]	Novel 6-morpholino-9H-purine derivatives: Synthesis, Pharmacological and In-Silico Evaluation. Chemistry Select, 2020, 5, 8635-8643	2.307	https://doi.org/10.1002/slct.202001702
[5]	Exploring the potential of newly synthesized 4-methyl-6-morpholinopyrimidine derivatives as antiproliferative agents. New Journal of Chemistry, 2018, 42, 2790-2803	3.925	https://doi.org/10.1039/C7NJ04157H
[6]	Highly conjugated D- π -A- π -D form of novel benzo[b]thiophene substituted 1,3,4 oxadiazole derivatives; Thermal, optical properties, solvatochromism and DFT studies. Journal of Molecular Liquids, 2018, 272, 507-519	6.165	https://doi.org/10.1016/j.molliq.2018.09.094
[7]	Synthesis, characterization and photophysical properties of a new class of pyrene substituted 1,3,4-oxadiazole derivatives. Optical Materials, 2019, 88, 256-265	3.754	https://doi.org/10.1016/j.optmat.2018.11.039
[8]	Photophysical, thermal properties, solvatochromism and DFT/TDDFT studies on novel conjugated D-A-p-A-D form of small molecules comprising thiophene substituted 1,3,4-oxadiazole. Journal of Molecular Structure, 2020, 1199, 127032	3.841	https://doi.org/10.1016/j.molstruc.2019.12.7032
[9]	Novel pyrazolo[3,4-d]pyrimidine derivatives inhibit human cancer cell proliferation and induce apoptosis by ROS generation. Arch. Pharm. 2020, e1900296	4.613	https://doi.org/10.1002/arch.201900296
[10]	Synthesis of 1,2-Disubstituted Imidazole Derivatives as Potent Inhibitors of <i>Mycobacterium tuberculosis</i> and Their In Silico Studies Chemistry Select, 2021, 6, 9-15	2.307	https://doi.org/10.1002/slct.202003731
[11]	Synthesis of 2-Chloro-N-(4-(6-chloroH-imidazo [1,2-a] pyridin-2-yl) phenyl) Acetamide Derivatives as Antitubercular Agents Chemistry Select, 2020, 5, 14422-14429	2.307	https://doi.org/10.1002/slct.202003922
[12]	Synthesis, characterization and photophysical properties of π -conjugated novel phenothiazine substituted acrylonitrile D-A derivatives: Orange to red emission Chemical Data Collections, 2020, 30, 100543	2.218	https://doi.org/10.1016/j.cdc.2020.100543
[13]	Design and Synthesis of D- π -A form of p-Nitrophenylacrylonitrile Substituted Triphenylamine Chromophores; Photophysical, Electrochemical Properties, DFT and Thermal Studies Chemsitry Select 2021	2.307	https://doi.org/10.1002/slct.202102873

19. Paper Presentation

Poster presentation entitled novel N-9 substituted 6-(4-(4-propoxyphenyl) piperazin-1-yl)-9H-Purine derivatives and Evaluation of their Antimicrobial Activity at 54th Annual Convention of Chemists 2017 a three day national level conference organized by Indian Chemical Society at the Uka Tarsadia University, Bardoli, Surat, Gujarat, India from 23-25th December, 2017.

Oral presentation entitled Design, Synthesis and Evaluation of N,4-diphenylthiazol-2-amine derivatives as novel antimicrobial and anti-inflammatory agents at 37th Annual conference of ICC 2018 organized by Indian Council of Chemists at Department of Chemistry, National Institute of Technology, Karnataka from 12-14th December, 2018.

Oral presentation entitled Novel 6-Morpholino-9H-purine Derivatives: Synthesis, Pharmacological and In Silico Evaluation in Virtual International Conference on interdisciplinary approaches in chemical science organized by Maharashtra Education Society's Abasaheb Garware College, Pune during 21st- 23rd Oct 2021

Oral presentation entitled Synthesis of 1,2-Disubstituted Imidazole Derivatives as Potent Inhibitors of Mycobacterium tuberculosis and Their In Silico Studies in International Seminar on Recent Advances in Chemistry Science and Young Scientist Conclave-2022 organized by Indian Chemical Society and Bangladesh Chemical Society during July 30-31 2022

20. **Research Guidance** : NA

21. **Other Publications** : NIL

22. **Book Chapters** : 02

- A Review on Solid Waste Management in the book entitled Recent trends in chemical and environmental sciences in Oct 2021 (ISBN No: 978-81-952529-9-2) 2.
- Online Education: Gap between Student-Teacher Relation in the book entitled Emerging trends in online education-Global challenges in Feb 2022 (ISBN No: 978-93-91708-01-6)

23. **Resource Person** : NIL

24. **Organising conferences/
seminar/workshops** : NIL

25. **Editorial Activity** : NIL

26. **Consultancy** : NIL

- 27. Curriculum Design** : BoS member of Chemistry of K. L. E Society's P. C. Jabin Science College, Hubli
- 28. Evaluation Process** : BoE member of Chemistry of K. L. E Society's P. C. Jabin Science College, Hubli
- 29. Committee membership** :
1. Coordinator (Dept of Chemistry) for Skill Based Program for the year 2020
 2. Organizing Secretary for National Level Online Chemistry Quiz-2020
 3. Member of NAAC-Criteria 7
 4. Member of College Forum Committee
 5. Member of Women Empowerment Cell-2021
 6. Member of SWAYAM and SBSIP-2021
- 30. Conference and workshop participation** :
- Participated in 15 days workshop dealing with the hardware of **Molecular modeling** and a week of Molecular Modeling software held at Karnatak University, Dharwad.
 - Workshop on **Analytical Techniques (SEM and powder XRD)** organized by Department of science and technology, New Delhi and SAIF, K. U. Dharwad.
 - Participated in Two - Day National Level E-Workshop on **Understanding OBS Studio & Streamyard for E-Content Creation and Live Streaming** on 10th July & 11th July 2020