

PROFILE OF
DR. MOHAMMED YASEEN



PERSONAL

Name : **MOHAMMED YASEEN**
Father's Name : Mehaboob Pasha
Date of Birth : 9th August 1993
Place of Birth : Gangavathi Dt: Koppal
Nationality : Indian
Marital Status : Married
:Wife- Dr. FauzeeyaDhalayat, MBBS.

DESIGNATION : **Assistant Professor**

ADDRESS (office) : Mohammed Yaseen
Assistant Professor
Department of Basic Sciences
SECAB Institute of Engineering and Technology,
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ADDRESS (Residence) : Mohammed Yaseen S/O Maheboob Pasha
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Islampur, Gangavathi 583227, Karnataka, India

ACADEMIC QUALIFICATIONS (Starting from the highest qualification):

Degree	Name of the University / Board	Year of Passing	% of marks / CGPA	Division/ Class/ Grade	Subject(s)
Ph. D (Chemistry)	Karnatak University, Dharwad	Thesis submitted on 02/12/2024 Awarded on 16/06/2025 (Vide No:KU/Aca/Ph.D/SMA/1000/2025-26/37 dated: 16/06/2025) Thesis Online Link: https://shodhganga.inflibnet.ac.in/handle/10603/654853			“Synthesis and Characterization of Phthalocyanine Macrocycles for Their Electrochemical Studies”
Ph. D Course Work Exam	Karnatak University, Dharwad	Dec 2019	66	First class	As per Course Curriculum
K-SET /SLET	Karnataka state eligibility test center.	Dec 2017	NA	NA	Chemical Sciences
Master of Science (Chemistry)	Vijayanagara Sri Krishnadevaraya University, Bellary	May 2017	66.68	First class	General Chemistry
Bachelor of science (P.C.M)	Vijayanagara Sri Krishnadevaraya University, Bellary	May 2015	64.68	First Class	Physics, Chemistry, Mathematics
P.U.C	Department of Pre-University Education, Bangalore	May 2011	51.50	Second Class	P. C. M. B
S.S.L.C	Karnataka Secondary Education Examination Board, Bangalore	May 2009	69.28	First class	As per Course Curriculum

TEACHING EXPERIENCE:

1. July 2018-April 2019: Guest lecture in chemistry (for B.Sc. students) at Sri Kolli Nageshwar Rao Gangayya Govt. F. G. College Gangavathi, Koppal.
2. Sep 2025-Till date: Assistant Professor, Dept. of Basic Science, SECAB Institute of Engineering and Technology, Bijapur.

FELLOWSHIPS:

1. Awarded Karnatak University, Research Fellowship from Dec 2018-June 2019.
2. **Directorate of Minorities Fellowship for Minority Students** funded by Directorate of minorities, Government of Karnataka from July 2019-June 2022.

RESEARCH PUBLICATIONS

1. **Mohammed. Yaseen**, M. Y. Kariduraganavar, A. A. Nadaf, M. S. Najare, M. S. Mulla, Nanosized hyperbranched cobalt and metal-free phthalocyanine intercalated with Pd-C matrix using PVA-TEOS as binder for admirable supercapacitor properties, *Dye. Pigment.* **232** (2025) 112466. <https://doi.org/10.1016/j.dyepig.2024.112466>. (Impact Factor: 4.10).
2. **Mohammed. Yaseen**, M. Y. Kariduraganavar, A. A. Nadaf, M. S. Najare, Supercapacitor performance of low-cost composite based on hyperbranched nickel-phthalocyanine and silk cotton carbon from Ceiba pentandra fruit, *Ionics (Kiel)*, (2024). <https://doi.org/10.1007/s11581-024-05807-8>. (Impact Factor: 2.40).
3. **Mohammed. Yaseen**, A. A. Nadaf, M. Y. Kariduraganavar, M. S. Najare, I. Mohammed, S. Mantur, Highly sensitive and selective electrochemical sensing of Hg (II) at the nanoscale using novel nanosized cobalt phthalocyanine and PVA-TEOS as binder, *Ionics (Kiel)*, (2024). <https://doi.org/10.1007/s11581-024-05974-8>. (Impact Factor: 2.40).
4. Synthesis of 1,2-Disubstituted Imidazole Derivatives as Potent Inhibitors of Mycobacterium tuberculosis and Their In-Silico Studies. Afra Quasar A. Nadaf, Sarojini R. Bulbule, **Mohammed Yaseen**, Mahesh S. Najare, Shivaraj Mantur, and

- Imtiyaz Ahmed M. Khazi. *ChemistrySelect* 2021, 6, 9 – 15, DOI: <https://doi.org/10.1002/slct.202003731>.(Impact Factor: 2.307)
5. Design, synthesis and characterization of π -conjugated 2,5-diphenylsubstituted-1,3,4-oxadiazole-based D- π -A- π' -D' form of efficient deep blue functional materials: Photophysical properties and fluorescence “Turn-off” chemsensors approach. Mahesh S. Najare, Mallikarjun K. Patil, Manjunatha Garbhagudi, **Mohammed Yaseen**, Sanjeev R. Inamdar, Imtiyaz Ahmed M. Khazi. *Journal of Molecular Liquids* 2021, DOI: <https://doi.org/10.1016/j.molliq.2021.115443>.(Impact Factor: 6.633)
 6. Synthesis of 2-Chloro-N-(4-(6-chloroH-imidazo[1,2-a] pyridin-2-yl)phenyl) Acetamide Derivatives as Antitubercular Agents. AfraQuasar A. Nadaf, Supreet Gaonkar, Shivaraj Mantur, Mahesh S. Najare, **Mohammed Yaseen**, Manjunath G. Sunagar, Shrinivas Joshi and Imtiyaz Ahmed M. Khazi. *ChemistrySelect* 2020, 5, 14422– 14429. DOI: <https://doi.org/10.1002/slct.202003922>. (Impact Factor: 2.307)
 7. Novel 6-Morpholino-9H-purine Derivatives: Synthesis, Pharmacological and In Silico Evaluation. AfraQuasar A. Nadaf, Shruti Dixit, **Mohammed Yaseen**, Shivaraj Mantur, Mahesh S. Najare, Shrinivas Joshi, Shyamkumar Vootla and Imtiyaz Ahmed M. Khazi. *ChemistrySelect* 2020, 5, 8635 –8643, DOI: <https://doi.org/10.1002/slct.202001702>.(Impact Factor: 2.307)
 8. Synthesis, characterization and photophysical properties of π -conjugated novel phenothiazine substituted acrylonitrile D-A derivatives: Orange to red emission. Shivaraj Mantur, Mallikarjun K. Patil, AfraQuasar A Nadaf, Mahesh S. Najare, **Mohammed Yaseen**, Sanjeev R. Inamdar and Imtiyaz Ahmed M. Khazi. *Chemical Data Collections* 2020, DOI: <https://doi.org/10.1016/j.cdc.2020.100543>.(Impact Factor: 2.50)
 9. Design and Synthesis of D- π -A form of novel p-Nitrophenylacrylonitrile Substituted Triphenylamine Chromophores; Photophysical, Electrochemical Properties, DFT and Thermal studies. Shivaraj Mantur, Mallikarjun K. Patil, Mahesh S. Najare, AfraQuasar A Nadaf, **Mohammed Yaseen**, Supreet Gaonkar, Sanjeev R. Inamdar,

Imtiyaz Ahmed M. Khazi, Ravindra Kamble. *ChemistrySelect* 2021, DOI:<https://doi.org/10.1002/slct.202102873>.(Impact Factor: 2.307)

10. Photophysical and electrochemical properties of highly π -conjugated bipolar carbazole-1,3,4-oxadiazole-based D- π -A type of efficient deep blue fluorescent dye: synthesis, characterization, solvatochromism, DFT studies and thermal properties. Mahesh S. Najare, Mallikarjun K. Patil, T S Tilakraj, **Mohammed Yaseen**, AfraQuasar A. Nadaf, Shivaraj Mantur, Sanjeev R. Inamdar, Imtiyaz Ahmed M. Khazi. *Journal of Fluorescence* 2021, DOI: <https://doi.org/10.1007/s10895-021-02778-1>.(Impact Factor: 2.217)
11. Orange to red emissive aldehyde substituted donor- π -acceptor phenothiazine derivatives: Optoelectronic, DFT and thermal studies. Shivaraj Mantur, Mallikarjun Kalagouda Patil, Afra Quasar Nadaf, Mahesh Sadashivappa Najare, **Mohammed Yaseen**, Aravind Nesaragi, Sanjeev Ramchandra Inamdar, Imtiyaz Ahmed Khazi and Ravindra Ramappa Kamble. *European Journal of Chemistry* 14 (1) (2023) 16-29. DOI: <https://dx.doi.org/10.5155/eurjchem.14.1.16-29.2320>. (Impact Factor: 0.569)
12. The Second-Order Nonlinear Optical Properties of Novel Triazolo[3,4-b] [1,3,4] Thiadiazole Derivative Chromophores Using DFT Calculations. BalachandarWaddar, Suman Gandhi, Gurusiddappa R. Prasanth, **Mohammed Yaseen**, Mahadevappa Y. Kariduraganavar. *Journal of Structural Chemistry* 2023, DOI:<https://doi.org/10.1007/s11224-023-02178-0>.(Impact Factor: 1.795).
13. M. S. Mulla, **Mohammed. Yaseen**, Anand. T,Laisa C. P, M. Y. Kariduraganavar, Development of novel poly(o-anisidine) nanocomposite flexible membrane electrodes and characterization of their supercapacitor applications, *Ionics (Kiel)*, (2024). <https://doi.org/10.1007/s11581-024-05983-7>.(Impact Factor: 2.40).
14. Nagarjuna Prakash Dalbanjan, AfraQuasar A Nadaf, ArihantJayawantKadapure, Sumit Ramesh Naik, Santosh Kakambi, Puttaraj K Naduvinamani, Deepa Kenchraddi, Asma Nadaf, Bhagya Devkar, **Mohammed Yaseen**, SK Praveen Kumar, In-vitro and in-silico evaluation of antihyperglycemic, antioxidant, anti-inflammatory activities of

selected (2Z)-2-((E)(2-hydroxy)-4(benzylideneamino)phenyl)-3-(1-methyl-1H – imidazole-2-yl)acrylonitrile derivatives. *Journal of the Indian Chemical Society*.102 (2025) 101592. <https://doi.org/10.1016/j.jics.2025.101592>.(Impact Factor: 3.20).

ORAL PRESENTATION:

1. International Conference on “Advances in Materials Science and Chemistry (AMSC-2023)” organized by the Department of Chemistry, KLS Gogte institute of technology, Belagavi. Held on 02nd to 04th March 2023.

POSTER PRESENTATION:

1. “International Conference on Chemical Sciences: Academia, Industry & Society Interface” jointly organized by the Department of Chemistry, Post Graduate Centre, Jyoti Nivas College Autonomous Bangalore and Karnataka Science and Technology Academy, Department of Science and Technology, Government of Karnataka from 23rd to 25th June 2022.
2. Synthesis of various 7-methoxybenzofurans Schiff bases and their biologically active Heterocycles.

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KSTA National Conference on “IMPACT OF SCIENCE AND TECHNOLOGY ON SOCIETY AND ECONOMY” jointly organized by KSTA, DST, GoK and VSK University Ballari. The conference was held on March 8-9, 2017.

CONFERENCES AND SEMINARS ATTENDED:

1. Workshop on “Chemistry-Industry” jointly organized by the Department of Studies in Chemistry KUD and Karnatak University Chemistry Alumni Association(R) held on 31st March 2023 at Karnatak University Campus Dharwad.
2. Upskilling program and Awareness program on “Emerging Technologies for Sustainable Energy Production” organized by Global Centre of excellence in affordable and clean energy (GCoE-ACE) at IIT Dharwad and Lowe’s India Pvt Ltd. Held on 24th March 2023.

3. The "Atomistic Modelling Workshop on Amsterdam ModellingSuite" organized by Nyro Research India, Kochi and SCM, Netherlands from 07thJun to 11thJun, 2021 through virtual mode.
4. International Conference on Direct Digital Manufacturing and Polymers ICDDMAP 2021. The conference held on 20thMay to 22nd May, 2021 Virtually.
5. The "One day Workshop on Chemistry-Industry" jointly organized by the Department of chemistry, Karnatak University, Dharwad and Rotary Club, Dharwad, on 23rd February 2021.
6. Two days internship training on "Opportunities of Plastics and its Technical Concepts"
Organized by CIPET-CSTS, Mysuru in association with IQAC, Karnataka Science College, Dharwad on 15th and 16thFebruary 2021.
7. ACS Science Talk virtual lecture series on Synthetic antibody fragments to probe the structure and function of G protein-coupled receptors: 11th September 2020.
8. One day Seminar on "Recent Advances in Biochemistry-2019" organized by P. G. Dept. of Studies in Biochemistry, Karnatak University, Dharwad. Held on 27th March 2019.
9. International Conference on Direct Digital Manufacturing and Polymers ICDDMAP 2019, Karnatak University, Dharwad during 20th to 23rdFebruary 2019.
10. Impact of science and technology on society and economy held on 8th and 9th March 2017, organized by KSTA and VSK university Ballari.
11. "Special Post-Graduate lecture series in Industrial Chemistry" jointly organized by KSTA, GoK and Department of chemistry VSK University Ballari. Held on 11th and 12th March 2016.