Dr.ADARSHGOWDA N

INDIA- SHIVAMOGGA

+918197295894

adarshic2021@gmail.com

adarshic2021@gmail.com

Google Scholar: Adarshgowda N - Google Scholar

https://orcid.org/0000-0002-1081-5321

Research Gate: https://www.researchgate.net/profile/Adarsh-Gowda-N

EDUCATIONAL

2025 — **PhD in Industrial Chemistry**
Dept. of Industrial Chemistry, Kuvempu University, Shankarghatta -577451, India, Karnataka, India.
Thesis title: ***"A Comprehensive Studies on Characterization and Photocatalytic Performance of Symphonized Nanostructured Materials".***
Supervisor: Prof. H S Bhojya Naik

May 2018 — **Master in Industrial Chemistry**
Department of Industrial Chemistry, Kuvempu University, Shankaraghatta-577451, Karnataka, India.
Thesis title: ***"An Attempt to Recycle the Spent Lithium Ion Battery Through Acid Laeching ".***
Supervisor: Prof. Vasant Kumar Pai.

July 2016 — **Bachelor of Science**
Tumkur University, Tumakuru, India.

PROFESSIONAL EXPERIENCE

EXPERIENCE

Aug 2018 – Dec 2018

- **Quality control** in Recipharm Pharmaservices Pvt Ltd, 34th KM, T-begur, Tumkur road, bangalore, Bengaluru, Karnataka 562123.

Dec 2018-Jan 2020

- **Quality control** in Anthem Biosciences Private Limited, No 49, Canara Bank Road, Hosur Rd, Electronics City Phase 1, Bommasandra Industrial Area, Bengaluru, Karnataka 560099.

- Successfully supervised project for postgraduate students in 2022, titled **"Optical and photocatalytic studies of NiO nanoparticles, fabricated from hexamine nickel (II) chloride complex".**

- Successfully supervised project for postgraduate students in 2024, titled **"Green Synthesized Nd Doped ZnO Photocatalyst for Light Driven Degradation of Dye and Optical Studies"**

Feb-2025-

- **Working as a Guest Lecturer in Kuvempu University**

SKILLS

- Excellence in using a computer (Microsoft Office).
- High competence in interacting and communicating with others.
- Expertise in certain chemical synthesis.
- Competent in demonstrating Leadership, Teamwork, and Cooperation.
- Hardworking and ability to work under Pressure.
- Organizing and negotiation skills.
- Multi-task management.

SCIENTIFIC ACHIEVEMENTS

I have **3** peer-reviewed research articles (as First Author,) and **4** research articles as co-author**.** In addition, I have **1** article in the process of publication. My two articles have been published in Q1 journals.

RESEARCH ARTICLES

1. **Adarshgowda, N**., HS Bhojya Naik, R. Viswanath, G. Vishnu, and A. Prathap. "Bifunctional application of facile green-silver doped nickel ferrite nanoparticles via-combustion method." *Chemical Data Collections* 47 (2023): 101066. DOI 10.1016/j.cdc.2023.101066
2. **Adarshgowda, N**., HS Bhojya Naik, G. Vishnu, and S. Hareeshanaik. "Green synthesized manganese-doped cobalt ferrite photocatalysts for light driven degradation of dye and optoelectronic studies." *Ceramics International* (2024). **(Impact factor-5.2)**
   DOI https://doi.org/10.1016/j.ceramint.2024.03.320
3. **Adarshgowda, N.**, HS Bhojya Naik, G. Vishnu, K. G. Manjunatha, and S. Hareeshanaik. "Impact of green-synthesized Mg-doped Mn ferrite nanoparticles on light-driven degradation of dyes and their optoelectronic applications." *New Journal of Chemistry* 48, no. 29 (2024): 13155-13170. DOI https://doi.org/10.1039/D4NJ02377C**. (Impact factor-2.7)**
4. Shreya, A., HS, B.N., Vishnu, G., Shivaraj, B., **Adarshgowda, N.** and Hareeshanaik, S., 2024. Facile synthesis of Eu-doped ZnO nanoparticles for the photodegradation of the MB dye and enhanced latent fingerprint imaging. *New Journal of Chemistry*, *48*(20), pp.9262-9276. **(Impact factor-2.7)**
5. Hareeshanaik, S., Prabhakara, M.C., Naik, H.B., Viswanath, R., Shivaraj, B., Vishnu, G. and **Adarshgowda, N**., 2023. Optical, photo catalytic, electrochemical and antibacterial performance of ZnO and Co doped ZnO nanoparticles. *Inorganic Chemistry Communications*, *158*, p.111552. **(Impact factor-4.4)**
6. Prathap, A., Naik, H.B., Viswanath, R., Vishnu, G. and **Adarshgowda, N**., 2024. An effect of Datura metel leaves extract on photocatalytic and antimicrobial activity of MgO nanoparticles synthesized via a biogenic method. *Chemical Data Collections*, *51*, p.101131.
7. Hareeshanaik, S., Prabhakara, M. C., Bhojya Naik, H. S., Vishnu, G., Viswanath, R., & **Adarshgowda, N.** (2024). Multifunctional Applications of Gd-Doped ZnO Nanoparticles Prepared Easily by the Coprecipitation Method. *ChemistrySelect*, *9*(43), e202403303.

CONFERENCE AND WORKSHOPS

1. **Presented** paper in Two-day National Conference on “Impact of Chemistry and Biology to the Society and Industry” (ICBSI-2022), on 20-21 May 2022, Organized by Department of Industrial Chemistry, Kuvempu University, and Shankaraghatta.
2. **Presented** paper in International Conference on “Recent advancements in chemistry” on 23rd November 2022, Organized by Department of Chemistry, Field marshal K.M. Cariappa College, and Madikeri.
3. **Presented** paper in three day International Conference on “Biomaterial for advanced biological applications (BABA-2024)” on 14 to 16 February 2024, Organized by Department of Chemistry, Periyar University, Salem, Tamilnadu, India.
4. **Presented** paper in two day International Conference on “Innovation in Sustainable Energy and Materials Science” on 1 and 2 March 2024, Organized by Department of Chemistry, Jawaharlal Nehru New College of Engineering, Shivamogga, Karnataka, India.
5. **Participated** in International Webinar on " Nanoparticles as Versatile Nanozymes: Mechanisms and Applications of Selected Antioxidant and Pro-oxidant Nanozymes" organized by Adichunchanagiri University-Centre for Research and Innovation and School of Natural Sciences on 29th October, 2021.
6. **Attended**, in International Webinar on “Hierarchical Zeolites: Preparation Pathways and Potential Applications” organized by Adichunchanagiri University-Centre for Research and Innovation and School of Natural Sciences on 19th November 2021.
7. **Attended**, in International Webinar on “Hierarchical Zeolites: Preparation Pathways and Potential Applications” organized by Adichunchanagiri University-Centre for Research and In ovation and School of Natural Sciences on 26th November 2021.
8. **Participated**, in International E-Conference on “Sustainable and Futuristic Materials SFM-2021” organized by Department of Chemistry, kamala Nehru Mahavidyalaya, Nagpur on 29th – 30 November 2021.
9. **Participated** in International Webinar on “Nano heaters for Biomedical Applications in Cancer Treatments” organized by Adichunchanagiri University-Centre for Research and Innovation and School of Natural Sciences on 10th December, 2021.
10. **Participated** in International Webinar on “Two Dimensional Nanostructures for Energy Conversions and Storage Applications” organized by Adichunchanagiri University-Centre for Research and Innovation and School of Natural Sciences on 24th December, 2021.
11. **Attended**, International webinar on “Breaking Barriers in Science (GWB-2023)” on 14th February 2023. Organized by department of Chemistry, Kamla Nehru Mahavidyalaya, Nagpur, Association of Teachers (ACT) Mumbai & Department of Chemistry, Jagat Arts, Commerce and I.H.P. Science College Goregaon Dist. Gondia in collaboration with International Pure & Applied Science (IUPAC), Global women’s breakfast-2023.