

CURRICULUM VITAE

01. Personal Information

01	Name, Designation and Address:	AMITHNAYAKPH Guest Lecturer, Kuvempu University, PG Centre Kadur Karnataka, India.
02	Contact number and E-mail:	+91-9663775645, +91-6360228818 amith10arya@gmail.com
05	Gender and Marital Status:	Male, Unmarried
06	Nationality:	Indian

02. Educational Qualification:

Sl. No.	Name of the Degree	University/Institution	Month and Year of Degree Awarded	Remark
01	Ph.D.	Kuvempu University	Awarded (2023)	Topic: Design and development of metal-based materials for opto-electronic applications
02	Post Graduate Degree	Kuvempu University	June – 2015	Industrial Chemistry
03	Undergraduate Degree	Davanagere University	June – 2013	Combination: Physics, Chemistry and Mathematics

03. Objectives:

- Looking for the position in esteemed institution, where my ability to understand different knowledge, commercial strength as well as self-motivation where help me to develop organizational reputation through your esteemed institution. I have worked in the field of synthetic inorganic chemistry and Coordination compounds and also Guided post graduate students towards their dissertation work in the field of “Synthesis, Characterization of the transition metal complexes of different nature of ligands followed by their luminescence applications”.

04. Key Strength:

- Hardworking, motivated and goal oriented

- Demonstrated ability handling the situation.
- Computer: Email, Internet Browsing, and word.

05. Skills:

1. Capable of designing and fabrication of the organic ligands and the metal complexes with different metal ions.
2. Prediction of the synthesized ligand and their metal complexes through the different spectroscopic techniques like UV-Visible, NMR, FT-IR, LC-MS, Powder XRD, and TGA-DSC, etc.
3. Ability to handle the computational (DFT) study of the compound through gaussian 09 and Gaussview 06 software.
4. Strong Communication skill.

06. Computer Skills: Diploma in computer Applications.

07. Research Experiences:

Research paper Communicated/Published:

1. Green Light Emitting Zinc(II) Complex of Schiff base Ligand for Opto-electronic Applications, **P.H. Amith Nayak**, H.S. Bhojya Naik, B.R. Kirthan and R. Viswanath. [Journal of Electronic Materials]
2. Synthesis Characterization and Photophysical Properties of Schiff Base Copper Complex, **P.H. Amith Nayak**, H.S. Bhojya Naik, H.B. Teja, B.R. Kirthan and R. Viswanath. [Molecular Crystals and Liquid Crystals]
3. Synthesis and opto-electronic properties of green light emitting metal Schiff base complexes **P.H. Amith Nayak**, H.S. Bhojya Naik, B.R. Kirthan, H.B. Teja and R. Viswanath [Journal of physics and chemistry of solids].
4. Synthesis Characterization and Photophysical Properties of Schiff Base Copper Complex **P.H. Amith Nayak**, H.S. Bhojya Naik, B.R. Kirthan and R. Viswanath [Journal of materials chemistry C].
5. Synthesis, characterization, DNA interaction and anti-bacterial studies of Cu(II), Co(II) and Ni(II) metal complexes containing azo-dye ligand, B.R. Kirthan, M.C. Prabhakara, H.S. Bhojya Naik, **P.H. Amith Nayak**, E. Indrajith Naik. [Chemical Data Collections] Volume 29, 2020, 100506.
6. Co(II) and Cu(II) metal complexes of Pyrazolone based azo-dye ligand; Synthesis, characterization, DNA interaction, anti-bacterial, DFT and molecular docking studies. B.R. Kirthan, M.C. Prabhakara, H.S. Bhojya Naik, S. Ravi Kumar, R. Viswanath, **P.H. Amith Nayak**, K.R. Kotresh [Russian journal of general chemistry]

Workshop Attended:

1. Attended two days National Level Workshop on “Nuclear Magnetic Resonance Spectroscopy (WNMRS-2019)” organized by Department of Chemistry, the Gandhigram Rural Institute-Deemed University, Gandhigram, Tamilnadu.
2. One-week workshop on, **Materials characterization using DMA, Department of mechanical engineering**, Acharya Institute of technology, Bangalore, 6th to 10th July-2020.

Conference Attended:

1. UGC sponsored National Conference on ***“Role of IQAC in Mapping healthy practices and setting bench marks in Higher Education Institutions for Quality Sustance And Enhancement”*** organized by IQAC Sir M V Govt. Science College, Bommanakatte, Bhadravathi on 19th and 20th Sep 2014.
2. SEPE sponsored State level seminar on ***“Recent Trends in Chemistry”*** held at Sahyadri Science College (Autonomous), Shimoga, on 17th Oct 2014.
3. Attended Two days National seminar on ***“Trends in Drug Discovery and Development (TDDD-2019)”*** Organized by Dept. P G Studies and Research in Chemistry, Kuvempu University P G Centre, Kadur. 25-26th March-2019.

Papers Presented in National/international Conference/Seminars:

1. National Conference on ***“Recent advances in Chemical biology and material Science-(RACBMS-2018)”***. Organized by Dept. P G Studies and research in Industrial Chemistry, Kuvempu University, Jnana Sahyadri, Shankaragatta, 9-10th Feb 2018.
2. ***“National Seminar on Recent trends in Chemical biology and material Science-(RTCBMS-2018)”***. Dept. P G Studies and Research in Chemistry, Kuvempu University P G Centre, Kadur. 26-27th Feb 2018.
3. ***“New Vistas in Science and Technology for Common Good”*** 11th Annual Conference Karnataka Science and Technology academy In Association with NMKRV College for Women on 1st and 2nd February, 2019.
4. ***“Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC)”*** Sponsored by University with Potential for Excellence (UPE), UGC Center for Materials Science & Technology (CMST), Vijnana Bhavan Manasagangothri, University of Mysuru, on 18 – 20th March 2019.
5. ***“Advanced Material for Health, Energy and Environment (AMHEE-2019)”*** Organized by Department of Chemistry, JSS Science and Technology University, Mysuru on 6th and 7th Sep–2019.
6. ***“Life, Chemical and Health Science (ICLCHS)”*** Organized by Department of Life science Ramaiah College of Arts, Science & Commerce in Collaboration with KSTA.
7. ***“Recent advances in Chemical biology and material Engineering-(RACBME)”***, Organized by Dept. P G Studies in Chemistry & Department of Chemistry, Veerashaiva College, Ballari on 30th and 31st Jan – 2020.

Date:.

Place: Shivamogga

(Amith Nayak PH)