CURRICULUM VITAE

Dr.Suresh Gowda I K,
S/O N.Kariyappa,
Sri Mylaralingeshwara Nilaya,
Behind Anjaneyaswamy Temple,
Kodihalli Road, Birur,
Kadur(Tq), Chickmagaluru - 577116

☎: +919964819728.

E-mail: sureshgowdaik@gmail.com

Objective:

- To become a part of the success of an organization.
- To work in a challenging and creative environment and effectively utilize my skills to contribute towards the goals of the organization besides gaining as much knowledge as possible in order to achieve expertise in the working domain.

Educational Profile:

Exam passed	Institution	Board/ University	Year of passing	Class Obtained
Ph.D (Industrial Chemistry)	Jnana sahyadri	Kuvempu University, Karnataka	2019	Awarded
M.Sc (Industrial Chemistry)	Jnana sahyadri	Kuvempu University, Karnataka	2009	A Grade
B.sc	Sahyadri Science College, Shimoga	Kuvempu University, Karnataka	2006	Pass
SSLC	Grama Jyothi High School, Lakkavalli.	KSEEB, Karnataka	2000	Second

Personal skills:

- Comprehensive problem solving abilities,
- Good verbal and written communication skills
- Ability to deal with people diplomatically
- Willingness to learn,
- Adaptable to varying conditions,
- Enthusiastic for teamwork.

Computer Exposure:

- Diploma in MS Office.
  (Word, power point, MS Excel)
- Internet, E-mail, LCD operation,

Subjects of interest:

- Analytical chemistry.
- Inorganic Chemistry.
- Nano Science and Technology.

Innovation in, and Contribution to, Teaching:

Kinds of Teaching-related Activities	Nature of your Contribution
Design of Curriculum	The Curriculum of the M.Sc. Chemistry and App. Chemistry updated regularly.
Teaching Method	Using Power Point, using smart board, Seminars, Problem Solving Sessions and Discussions.
Evaluation Methods	Assignments, Asking Questions, problem solving.
Remedial Teaching/Student Counseling (academic)	Conducted for Chemistry and App. Chemistry distance education Students.

Doctoral Research	➢ Six years research experience in Nanomaterials and its applications in optoelectronic and biological importance ➢ Department of industrial chemistry, Kuvempu university, (2010-2014) ➢ **Research Advisor:** Prof. H.S. Bhojya Naik ➢ **Topic:** '**Design and Development of transition and inner transition metal nanocomposites of Biological importance'**.
Post graduation Research	➢ Department of Industrial Chemistry, Kuvempu University, (2007-2009) ➢ **Research Advisor:** Prof. H.S. Bhojya Naik ➢ **Topic:** "Synthesis , Characterization of nanocomposites and metal oxide nanoparticles". ➢ Synthesis route for core shell and metal oxide nanoparticles. ➢ Purification, calcination, followed by spectral analysis- SEM, XRD, FTIR, and UV-visible spectroscopic techniques.
Awards And Honors	➢ Appreciation award in 7^{th} KSTA conference
Memberships	➢ Life member of SOCIETY FOR MATERIALS CHEMISTRY (SMC), chemistry division BARC, Mumbai. (LM-928), since 2015.

Overall Academic Activities:

Sl.no	Activities	Progress
1.	**Total Years of Teaching Experience**	**14 years**
2.	**Research article Published**	**08**
3.	**Paper Presented Oral/Poster**	**11**
4.	**Conference Attended National/ International**	**16**

Research papers published

Sl. No	Articles (author)	Impact factor
1	E. Indrajith Naik, H.S. BhojyaNaik, B.E.Kumara Swamy, R. Viswanath, **Suresh Gowda I.K**, M.C.Prabhakara, K.Chetankumar, "Influence of Cu doping on ZnO nanoparticles for improved structural, optical, electrochemical properties and their applications in efficient detection of latent fingerprints", Chemical Data Collections 33 (2021) 100671.	0.217 (Scopus)
2	E. Indrajith Naik, H.S. BhojyaNaik, R. Viswanath, **Suresh Gowda I.K**, B.R. Kirthan, "Structural, optical and photoluminescence enhancement of 2-mercaptoacetic acid capped Mn+2 doped CdS nanoparticles and their applications in efficient detection of latent fingerprints", Materials Science for Energy Technologies 4 (2021) 23–33	(Scopus)
3	**Suresh Gowda I.K,** BhojyaNaik H.S., Viswanath R 1, Arun Kumar G and Gururaj H "Fabrication of Ag doped $Ni_{1-X}Gd_xO$ Nanocomposite by Auto-Combustion Method and their Antibacterial Efficacy'' International Journal of Advanced Scientific Research and Management, Vol. 3 Issue 8, Aug 2018, ISSN 2455-6378	UGC Care list
4	**I.K. Suresh Gowda,**H.S. BhojyaNaik, R. Viswanath and G. Arun Kumar, Solution Combustion Route Synthesis of Ag doped $Co_{1-X}Gd_XO_7$Nanocomposites and Evaluation of Antibacterial Properties, Journal of Applicable Chemistry, 2018, 7 (4):ISSN: 2278-1862	UGC Care list
5	R. Viswanath, H.S. Bhojya Naik, G. Arun Kumar, **Suresh Gowda I.K**, S. Yallappa, "Tunable luminescence properties of EDTA-assisted ZnS:Mn nanocrystals from yellow-orange to red emission band", Luminescence: The Journal of Biological and Chemical Luminescence. (Wiley) DOI 10.1002/bio.3313.	2.613
6	G. Arun Kumar, H.S. Bhojya Naik, R. Viswanath, **I.K. Suresh Gowda**, K.N. Santhosh, "Tunable emission property of biotin capped Gd:ZnS nanoparticles and their antibacterial activity", Materials Science in Semiconductor Processing, 58, 2017, 22-29.(Elsevier).	4.644
7	Arun Kumar G., H.S. Bhojya Naik, R. Viswanath, Vinuth M**, Suresh Gowda I.K** , Optical characterization of EDTA-assisted CdS:Mn nanoparticles synthesized by sonochemical method. Materials today proceeding. (Accepted) 2016.(Elsevier).	(Scopus)
8	Arun Kumar G., H.S. Bhojya Naik, R. Viswanath, **Suresh Gowda I.K**., Vinuth M., Investigation on the structural and optical properties of hexamethylene tetramine (HMTA) capped ZnS:Mn nanocrystals synthesized by microwave irradiation method. Materials today proceeding. (Accepted) 2016.(Elsevier).	(Scopus)

Details of International/national Conferences, Seminars and Symposium:

1. **Suresh Gowda I.K** and H.S. BhojyaNaik, "synthesis and Photocatalytic Activity Studies Of Nd @ Mgo Nano particle Synthesized By Compbustiob Method, Two-day national conference on Impact of Chemistry and Biology to the society and Industry"(ICBSI), held on 20th& 21th May 2022 at Kuvempu University, Shankaraghatta -Presented paper.

2. **Suresh Gowda I.K** and H.S. BhojyaNaik, "Structural and Optical properties of Nd doped ZnO nanoparticles synthesized by Combustion method". International Conference on Advanced FuntionalMaterials for Energy, Environment and Health Care(AFMEEHC) organized by center for Materiala Science and Technology, UOM, Manasagangotri, Mysore on 18-20,March 2019 -Presented paper.

3. **Suresh Gowda I.K** and H.S. BhojyaNaik, "Sol-gel Solution Combustion synthesis and Characterization of Mn doped ZnO Nanoparticles"11th Annual Conference of Karnataka Science and Technology Academy, at NMKRV College for Women, Bengaluru, held during February 01-02,2019 -Presented paper

4. Two days national level seminar on "Recent Developments in Chemical Sciences (RDCS-2018)'' held at Sahyadri Science College, Shivamogga on 28 & 29th December 2018- Attended.

5. **Suresh Gowda I.K** and H.S. BhojyaNaik, "Antibacterial activity of Silver doped Nickel oxide nanoparticles synthesised by combustion method". Two Day National Conference on Advanced Materials for Health, Energy and Environment being organized by Department of Chemistry on 23th& 24th March 2018, Sri Jayachamarajendra College of Engineering JSS Science and Technology University Mysuru- Presented paper.

6. **Suresh Gowda I.K** and H.S. BhojyaNaik "Antibacterial activity of Silver doped Zinc oxide nanoparticles synthesised by solution combustion method", Two-day National Seminal on "Recent Trends in Chemical Biology and Materials Sciences" (RTCBMS-2018) at Kuvempu University, P.G. Centre, Kadur on 26th and 27th February 2018-Presented paper.

7. **Suresh Gowda I.K**, H.S.BhojyaNaik, Varsha B.V, Deekshitha S, and Anusha D, "Efficient one step synthesis and characterization of Mg doped ZnO Nanoparticles" Two-day national conference on "Recent Advances in Chemical Biology and Material Science for Industry and Society (RACBMS-2018)", held on 9th& 10th February 2018 at Kuvempu University, Shankaraghatta -Presented paper.

8. 10th Annual Conference of Karnataka Science and Technology Academy,at REVA University, Bengaluru, held during 18-19 January 2018 –Attended.

9. **Suresh Gowda I.K**.,H.S. BhojyaNaik and R. Viswanath, "Impact of Co2+ doping on ZnO nanoparticles synthesized by Combustion method". One-day international symposium on Advanced Materials held in the Department of Chemistry, Sri Jayachamarajendra College of Engineering JSS Science and Technology University Mysuru-on 27th December 2017- Presented paper.

10. **Suresh Gowda I.K.**,H.S. BhojyaNaik,"Solvothermal synthesis of HMTA-assisted Nd^{3+}doped ZnS nanoparticles its characterization and applications". International

Conference on Science and Technology: Future Challenges and Solutions (STFCS-2016) held at University of Mysore on August 8-9, 2016- Presented paper,

11. **Suresh Gowda I.K**.,H.S. BhojyaNaik,"Optical Characterization of EDTA-Assisted cds: Mn Nanoparticles Syntesized By Sonochchemical Method"International Conference on Advancements in Aeromechanical Materials for Manufacturing (ICAAMM-2016)", held on 7th, 8th & 9th July 2016 at MLR Institute of Technology ,Hyderabad. -Presented paper

12. "Recent Developments In Nano Materials And Their Applications organized by Dept. of Physics,Kuvempu University ,Shankaraghatta on 18th & 19th March 2016 -Attended.

13. **Suresh Gowda I.K.**, H.S. BhojyaNaik, R. Viswanath "Photodegradation studies of Ag@SiO_2nanocomposites synthesized by colloidal method", Indian National conference on Development in Inorganic Applications (INDIA-2015), held on 15^{th}& 16^{th} October 2015, Organized by Dept of Chemistry, Periyar University, Salem, T.N - Oral presentation.

14. One day National Seminar on "Green Chemistry –Need of The Universe" held on 28th February, 2015 – Attended.

15. **Suresh Gowda I.K**.,H.S. BhojyaNaik, 7th Annual KSTA National Conference on "Science , Technology and Productization –A means for growth" jointly organized by Karnataka Science & Technology Academy (KSTA) & The Oxford College of Science held during 5th and 6th February 2015-Presented paper.

16. One day UGC sponsored National Seminar on "Environmental Pollution: a threat to Global life" on 3-3-2014, at Shimoga - Attended.

Personal Details:

Name	:	Dr.Suresh Gowda I.K.
Father's Name	:	Kariyappa N
Mother's Name	:	Leela
Date of Birth	:	27-12-1984
Place of Birth	:	Chikmagalur, Karnataka
Sex	:	Male
Nationality	:	Indian
Languages known	:	English, Kannada
Marital Status	:	Married
Mother Tongue	:	Kannada.