

BIO-DATA

Email: sowbhagya27@yahoo.in

Mobile No.: +91 7411744915

PERSONAL DETAILS

NAME :Dr. SOWBHAGYA
FATHER'S NAME :MAHADEVASHETTY
D.O.B :25th January, 1988
MARITAL STATUS :Married
HUSBAND NAME :B UMESHA
GENDER :Female
NATIONALITY :Indian
ADDRESS :SOWBHAGYA
W/o B UMESHA
#4, Behind Shree Ayyappa Temple
Foot step of Chamundi Hill
Ooty Main Road
Mysore-570 025

EXAMINATIONS PASSED

Exams	Year of Passed
GATE	2010
Ph.D COURSE WORK	2012
KSET	2015
LECTURESHIP-NET	2015

ACADEMIC QUALIFICATIONS

Course	University/Board	Year of Passing	% of Marks
Ph. D with Course work (Chemistry)	DOS in Chemistry University of Mysore Manasagangothri, Mysore	2015	Awarded 75.00%

M.Sc (Chemistry)	DOS in Chemistry University of Mysore Manasagangothri, Mysore	2010	65.60% (1 st class)
B.Sc.(Physics, Chemistry, Mathematics)	Maharani's Science College for Women, JLB Road, Mysore	2008	64.34% (1 st class)
P.U.C PCMB	Maharani's Pre-University College, Mysore	2005	65.16% (1 rd class)
S.S.L.C	St. Mary's Girls High School, Vidyaranyaapuram, Mysore	2003	70.08% (1 st class)

Teaching Experience

Nature of appointment	Institution/ College	Period of Service	Permanent/ Temporary
Assistant Professor	Department of Chemistry (PG) Sarada Vilas College Krishnamurthypuram Mysuru-570 004	02-12-2015 to 31-03-2016 (4 months)	Temporary
Assistant Professor	Department of Studies in Organic Chemistry (PG) Manasagangothri, University of Mysore, Mysuru-570 006	01-04-2016 to 29-12-2019 (3 years 9 months)	Temporary

COMPUTER KNOWLEDGE

- ❖ MS Office and Internet
- ❖ Chemistry Softwares – ChemSketch and ChemDraw

PROJECT

- ❖ In the 4th semester, I have carried out dissertation work entitled “*Synthesis, characterization and antimicrobial activity of Schiff bases of 3-Amino, 2-Methyl Benzoic acid derivatives*” under the guidance of Prof. K. N. Mohana, Department of studies in chemistry, Manasagangotri, Mysore.

RESEARCH TOPIC

- ❖ I have submitted Ph.D work entitled “*Electrochemical oxidation of organic compounds and synthesis of metal oxide nano composites: Application to industrial effluents and organic compounds degradation*” under the guidance of Prof. S. Ananda, Department of studies in chemistry, Manasagangotri, Mysore.

RESEARCH PAPER PUBLICATIONS

- [1].**Sowbhagya**, S. Ananda and Rakesh “Electrochemical degradation of Indigocarmine dye at Ru-doped Platinum anode in aqueous solution” International Journal of Applied Chemistry, Volume 8, Number 2 (2012) pp. 141-152.
- [2].Rakesh, S. Ananda, **Sowbhagya** “Electrochemical degradation of Acridine Orange dye at Ru-doped platinum anode in aqueous solution” International Journal of Chemistry and Applications, Volume 4, Number 3 (2012) pp. 227-239.
- [3].**Sowbhagya**, S. Ananda and Rakesh “Synthesis of Erichrome Black T-Zn²⁺ complex by electrochemical method, Characterization and Kinetic study of the formation of complex” International Journal of Chemistry and Applications, Volume 5, Number 3 (2013), pp. 169-178.
- [4].**Sowbhagya** and S. Ananda “Synthesis and Characterization of Se-doped ZnO Nanoparticles by Electrochemical Method: Photodegradation Kinetics of Indigo Carmine Dye and Study of Antimicrobial, Antimitotic Activities of Se-doped ZnO Nanoparticles” American Chemical Science Journal, volume 4, Number 5 (2014) pp. 616-637.
- [5].**Sowbhagya** and S. Ananda “Synthesis and Characterization of Co-doped ZnO nanoparticles by electrochemical method: photodegradation kinetics of bromophenol blue dye, textile effluent and study of antibacterial activity” Journal

- of Nanoscience, Nanoengineering and Applications, volume 5, number 1 (2015) pp. 1-13.
- [6].**Sowbhagya** and S. Ananda "Synthesis and Characterization of Mo-Doped ZnO Nanoparticles by Electrochemical Method: Photodegradation Kinetics of Methyl Violet Dye and Study of Antibacterial Activities of Mo-Doped ZnO Nanoparticles" International Journal of Nanomaterials and Biostructures, volume 5, number 1 (2015) pp. 7-14.
- [7].Rakesh, **Sowbhagya**, Sannaiah Ananda and Netkal M. Made Gowda "Optical, Electrical and Viscosity Properties of Poly(Vinyl Alcohol) Films Embedded with Cr2O3 Nanoparticles Synthesised by Biological and Electrochemical Methods" International Research Journal of Pure and Applied Chemistry, volume 9, number 4 (2015) pp. 1-13.
- [8].B. Umesha, **Sowbhagya**, Y. B. Basavaraju "Synthetic Study on Chalcone and their Dihydropyrimidinone and Dihydropyrimidinethione Derivatives" International Journal of Scientific Research in Science and Technology, Volume 2, Number 3 (2016) pp. 340-343.
- [9].**Sowbhagya**, Umesha B, Ananda S "Effect of Electrochemically Synthesized ZnO/CoO Nanocomposites on Optical, Electrical and Viscosity Properties of Polyvinyl Alcohol Films" Journal of Polymer & Composites, Volume 4, Number 2 (2016) pp. 52-62.
- [10]. B. Umesha, Vinaya, **Sowbhagya**, Y. B. Basavaraju, Synthesis and Study of Antibacterial Activity of 1,4-Benzodioxinylisoxazole and 1,4-Benzodioxinylpyrazole Derivatives, Der Pharma Chemica, 9(14) (2017) 148-156.
- [11]. B. Umesha, **Sowbhagya**, Vinaya and Yeriur Basavaiah Basavaraju, Synthesis of Some of N-Phenyl Tetralones and Evaluation of Their Antimitotic Activity, *Journal of Applied pharmaceutical Science*, 8(05) (2018) 94-100.
- [12]. B. Umesha, **Sowbhagya** and Yeriur Basavaiah Basavaraju, Synthesis and Bioevaluation Study of Benzofuran Linked Tetralones as Antimitotic Agent, Chemical Science Transactions, 7(4) (2018) 656-666.

CONFERENCES ATTENDED

- [1].National Conference on Recent Trends in Chemistry at PES College, Mandya from 16th-17th September 2011. Level of participation: Presented a poster and got 3rd prize.
- [2].5th Bangalore Nano, International conference happened at The Lalith Ashok from 5th-7th December, 2012. Level of participation: Participated.
- [3].100th International Science Congress happened at University of Calcutta, Kolkata from 3rd-7th January, 2013. Level of participation: Presented a poster.
- [4].6th Bangalore Nano, International conference happened at The Lalith Ashok from 4th-6th December, 2013. Level of participation: Presented a poster.
- [5].Technical workshop on Exploring SciFinder (Chemical Abstracts) for Scientific Research in Academia at Department of Studies in Chemistry, University of Mysore, Mysore on 4th January 2014. Level of participation: Participated.
- [6].UGC sponsored state level seminar on Modern techniques in chemical and Bio-chemical analysis at Department of Chemistry, A. V. Kanthamma College for Women, Hassan held on 10th September 2014. Level of participation: Participated.
- [7].7th Bangalore Nano, International conference happened at The Lalith Ashok from 4th-6th December, 2014. Level of participation: Presented a poster.
- [8].UPE project, University of Mysore sponsored National conference on Pure and Applied Chemistry (Golden jubilee celebrations of Department of Studies in Chemistry, University of Mysore, Mysore) at Department of Studies in Chemistry, University of Mysore, Mysore from 29th-31st December 2014. Level of participation: Presented a poster.
- [9].UGC sponsored one day national conference at Bharathi College, Bharathinagara, Mandya held on 10th January 2015. Level of participation: Participated.
- [10]. One day national seminar on Interfacing innovation and IPR for diffusion of technology at ATME College of Engineering, Mysore on 19th January 2015. Level of participation: Participated.
- [11]. National Seminar on Chemistry and Chemical Biology, Department of Studies in Chemistry, Manasagangotri, University of Mysore, Mysore, 26th May, 2015. Level of participation: Participated.
- [12]. Seminar on Benefits of nuclear and material sciences in day to day life (BNMS-2015) organized jointly by Indian nuclear society, Mysuru & University of

- Mysore, Mysuru at Rani Bahadur Auditorium, Mysuru on 21 & 22 August 2015.
Level of participation: Participated.
- [13]. KSTA sponsored one day seminar on Material science and nano technology organized by department of chemistry, Vidya Vikas Institute of Engineering and technology, Mysuru held on 29th September 2015. Level of participation: Participated.
- [14]. 103th Indian Science Congress Conference, International conference, University of Mysore, Mysuru held on 3rd-7th January, 2016. Level of participation: Participated.
- [15]. UGC sponsored two day national conference on Application of modern analytical techniques to fundamental research in chemistry organized by Post graduate department of chemistry, JSS arts, commerce and science college, Mysuru held on 9th & 10th March 2016. Level of participation: Participated.
- [16]. UGC sponsored two day national conference on Emerging trends in chemistry (NCETC-2016) held at St. Philomena's college (Autonomous), Mysuru during 11th and 12th March 2016. Level of participation: Participated.
- [17]. Two day national level seminar on Emerging trends in analytical techniques (ETAT-2016) organized by department of post graduation studies in chemistry, Hassan during 28-29 March 2016. Level of participation: Participated.
- [18]. International conference on Science and Technology: Future challenges & solutions (SCFCS-2016) at Vijnana Bhavan, University of Mysore, Mysuru., held during 8th -9th August 2016. Level of participation: Participated.
- [19]. One day national level conference on Emerging trend in nano-chemistry (NCETNC-2017) organized by department of chemistry, MMK & SDM Mahila Maha Vidyalaya, Mysuru on 2nd February 2017. Level of participation: Participated.
- [20]. Brain Storming Workshop for Successfully Facing Competitive Examinations at Sri Nalwadi Krishnaraja Wodeyar Auditorium (Senate Bhavan), Manasagangotri, University of Mysore, Mysuru held on 21st and 22nd April 2017. Level of participation: Participated.
- [21]. International Conference on "Nanomaterials and their Applications" held at University of Mysore, Mysuru, during 1-2nd March 2018. Level of participation: Participated.

- [22]. Two-Day National Conference on "Recent Innovations in Medicinal and Material Chemistry" (RIMMC) during 8th&9th 2019. Level of participation: Participated.
- [23]. National Conference on Innovations in Chemical Sciences (NCICS-2020) during 30th and 31st January 2020. Level of participation: Participated.