Dr. S. Suresha, Dept. Environmental Science

RESEARCH PUBLICATIONS

1. Review Article


2. Research Publications – International Journals


3. Presentation in Conferences/seminars/workshops

International Conference


3. Presented a research paper entitled “Hydrothermal Synthesis and photocatalytic studies of insitu surface modified silver Doped ZnO Nanoparticles” in the International Conference IUMRS-ICA 2011 was held during 19 to 22 Sep. 2011 in Taipei, Taiwan.


National Conferences

5. Environmental analysis of solid waste from plating industry. National conference on environmental pollution: Causes and remedies, held during October 8-9, 1998 at P.E.S. College of Engineering, Bangalore, India.

6. Chemical and optical studies on tin ash from plating industries, National symposium on chemistry, industries and environment, held during February 26-28, 1999, at Motilal Mahavidhyalaya, Bhopal, India.

7. Role of analysis in environmental management: A case study, National seminar on recent trends in structure, function, analysis of molecules and application, held during October 28-30, 1999 at Department of studies in Chemistry, University of Mysore, Mysore, India, p. 38.

8. X-ray diffraction (XRD) and scanning electron micrograph (SEM) studies on certain metallic wastes from industries, presented at National Seminar on Environmental hazards – priorities and protection in the 21st century, held during 2-3 March 2001 at Department of studies in Environmental Science, University of Mysore, Mysore, India.


14. Environmental Management for Industrial Ecology; A new approach based on Physical modeling, presented at International seminar GEO-Informatics, held during 18-20 December 2004 at Department of geology University of Mysore, Mysore.

15. Participated in the workshop on Environmental Education held on 5th October 2004 at J S S College Nanjanagud.


17. Participated in the National Seminar on Currents trends in Environmental Science and Sustainable Development. (NCESD-2009) held on 27th & 28th February 2009 at Dept of Environmental Science, University of Mysore, Mysore, Karnataka, India.

18. Participated in the National workshop on “Biofertilizers” held on 30th & 31st August 2009 at Dept of Botany, Sri Venkateshwara University, Tirupati, Andhrapradesha., India.

19. Presented a research paper in lead lecturer on Algal biodiversity in the National Symposium on “Role of Biology and Biotechnology in Conservation of Biodiversity and sustainable Development” held on 22nd to 24th December 2009 at Dept of Botany, Gulbarga University, Gulbarga, Karnataka, India.

20. Presented a research paper on “Hydro chemical aspects of surface water pollution” in the National Conference on “National Conference on Recent Trends in Geo-science Research” held on 5th to 6th March 2010 at Dept of Earth Sciences, Annamalai University, Annamalai Nagar, Tamilnadu.


22. Presented a research paper in the “International National Conference on Challenges to Biodiversity and Environment for sustainable Development” organized by JSS Maha Vidyapeetha Mysore. OISCA
International, Japan and Karnataka State Pollution Control Board held on 12th to 14th March 2010 at JSSTI Campus, Mysore, and Karnataka, India.

23. Participated in the one day state level seminar on “Ayurveda and Phytopharmaceuticals” held on 21st January 2011 at Postgraduate dep. of Biotechnology and Biochemistry, JSS College, Ooty Road, Mysore.

24. Spectrophotometric Determination of Sulfanilamide, Sulfamethoxazole and Sulfadoxine using Aescin” was presented in the National Conference held on 18th to 19th February 2011 at DRM Science College, Davenegeri, and Karnataka.


27. Biodecolorization of Chrysophenine using a bacterial isolate, Shewanella Putrefaciens, N.Hema & Dr.S.Suresha, presented a paper at the Environmental Conference 2014, February 17th -19th, Central University of Kerala, Kasargod, Kerala.


30. Optimization of Parameters for decolorization of Maroon V by Response Surface Methodology using Shewanella putrefaciens, N.Hema & Dr.S.Suresha, presented a paper at the International Conference on Biosciences: State-Of-The-Art-Advancements, September 11-12th, 2014, Kumarakom, Kerala (Was conferred the Best Oral Presentation Award under the theme “Ecology

Other Academic activities:

Design of Curriculum : B. Sc Environmental Science, and 8th and 9th Standard (CBSE)

♦ Extension Work/Community Service
  • Worked as NSS Officer for Three years in Yuvaraja’s College and conducted the two special village camp.

♦ College/University/Institution (Former)
  • Active member for the College Jnanavahani Committee
Active member for Discipline Committee in the College
Active member for the Extension Committee in the College
Faculty adviser for University Student Hostel

Co-curricular Activities
• NSS Officer during 2004-07 (03 years) at Yuvaraj’s College

Professional Organization of Teachers.
• Member of Mysore University Teacher Association
• Member of Mysore University SC/ST Association
• Member of Yuvaraj’s College Teachers Association

Membership of Professional Bodies, Societies etc.
• Life member for Indian Society for Analytical Scientist
• Member for environmental biologist
• International Society for Solvothermal and Hydrothermal Association

QUALIFYING EXAM
State Level Eligibility Test (SLET) accredited by UGC, New Delhi, for Lectureship (1998)

Visit
1. Industrial Visit to study the water treatment process
2. Zoo Visit to study the animals
3. Social forestry, National park Mining areas etc.

Research Scholars working under the supervision of Dr. S. Suresha
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<td>1</td>
<td>Smt. N. Deepa</td>
<td>“Analysis of liquid Waste for Heavy Metals and their Removal through various Biosorbents”</td>
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<td>2</td>
<td>Sri. A.B. Doddamani</td>
<td>“Studies on impact of industrial effluents on Ground water Qualities in Mysore Industrial Area”</td>
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<td>3</td>
<td>Smt. Hema N</td>
<td>Isolation, Screening and Optimization of Culture Conditions for Decolorization of Textile Effluent by Certain Microbial Isolates</td>
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<td>Sri Sandeep B.N</td>
<td>Adsorption of Heavy Metals and Dyes from Industrial Waste Water using different Clays as adsorbents</td>
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<td>5</td>
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<td>Mr. Abdella Abdella (Foreign)</td>
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<td>Ecotourism: Impact and Potential Contribution to Sustainable Development in Karnataka</td>
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