

CURRICULUM VITAE

PERSONAL

Name : Prof. S. Suresha M.Sc, B.Ed.,Ph.D.,
Date of birth : 05-09-1970
Place of birth : Chamarajanagar, Karnataka
Marital status : Married
Father's name : Late. Sri Sidduraiah
Mother's name : Smt. Chandramma
Department address : Professor, Dept. of Environmental Science
Yuvaraja's College
University of Mysore, Mysore-570 005, India
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Rajarajeshwari Nagar.
Mysore 570022

SCHOLASTIC RECORDS

Degree	Year	University
Ph.D.	20 th March 2003	University of Mysore, Mysore, <i>“Evaluation of Solid and Liquid Wastes Containing Heavy Metals from Industries and Development of Simple Methods of Analysis and Recycling”</i>
M.Sc.	1996	University of Mysore, Mysore
B.Ed.	1994	University of Mysore, Mysore
B.Sc.	1993	University of Mysore, Mysore

QUALIFYING EXAM/ AWARD

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

Recipient of **Bharath Shikshaka Rathna Award** on the occasion of **38th National Seminar on Individual Achievements and National Developments** form Global Society for Health and Educational Growth, New Delhi on 30th Sep 2013

POSITIONS HELD

- ❖ Junior Research Fellow – University of Mysore – 1997-1999
- ❖ Senior Research Fellow – University of Mysore – 1999-2001
- ❖ Lecturer in Environmental Science – University of Mysore – since September 2001 to 30th April 2003 (Temporary)

- ❖ Assistant Professor in Environmental Science – Yuvaraja’s College – University of Mysore – Since 2nd May 2003
- ❖ Associate Professor in Environmental Science, Yuvaraja’s College , University of Mysore – Since 2nd May 2015
- ❖ Head of the Department, Environmental Science Yuvaraja’s College, University of Mysore .Mysore, India 570 005.

ACADEMIC WORK

Higher Education Council Member for Syllabus framing committee in Environmental Science for NEP 2020

Chairman

- BOS in Environmental Science, YCM (UG) 2006 to till date
- BOE in Environmental Science YCM (UG) 2006 to till date
- BOS in Earth Science, YCM (UG) 2023 to till date
- BOE in Earth Science YCM (UG) 2023 to till date

Member

- BOE in Environmental Studies (Music University) 2010 till date
- BOE in Environmental Studies (UG, University Constituent Colleges)
- BOE in Environmental Science (KSOU) Mysore)2014-16 and 2018-20
- BOE in Environmental Science (JSS College , Ooty Road) Mysore)
- BOS in Environmental Science, (UG) Kuvempu University 2013-14 to 2015-16 and 2018-20
- BOS inn Earth Science, (UG) University of Mysore 2017- 19 and
- BOS in Environmental Science Bangalore University 2023-26
- BOE in Environmental Science , Sahyadri Science College Shimoga 2017-19
- BOE in Environmental Science , Bangalore University, 2018-19

- BOE in Environmental Science (UG Gulbarga University 2019-21)
- BOE in Environmental Science (JSS college 2023-25)

- BOE Member in Environmental Science (Chamarajanagar university 2023-2026

SUBJECTS TAUGHT

Environmental Chemistry, Environmental Management, Environmental Biology and Environmental Toxicology, Environmental Geology, Environmental Bio technology and Environmental microbiology.

INSTRUMENTAL EXPERIENCE

- ◆ UV –Spectrophotometer
- ◆ Inductively Coupled Plasma Atomic Spectrophotometer (ICP-MS)

- ◆ Electron Probe Micro Analyser (EPMA)
- ◆ Scanning Electron Micro Scope (SEM)
- ◆ X-ray Diffractometer (XRD)

Principal Investigator for Research Project:

Topic	Funding Agency	amount	Duration
EVALUATION OF LECHATE, CONTAMINENTS AND IMPACT OF URBAN ENVIRONMENT ON GROUND WATER QUALITY IN MYSORE CITY”	UGC, New Delhi	11,27,654/-	2011 – 2014 Completed
Bacterial Decolorization of a Textile Dye obtained from an Industry	VGST, Dept. of IT, BT and Science and Technology Govt. of Karnataka	Rs - 30,000/-	2011-12 Completed

Foreign Country Visited

- Beizing -China
- Taipai-Taiwan
- Hong kong

Research Students

1. 12/02/2013- 04/02/1013 held at ASC in Mysore University

Sl. No.	Name of the research Scholar	Topic	Registration date and year	Year of award
1.	Dr. Sandeep B.N	Adsorption of Heavy Metals and Dyes from Industrial Waste Water using different Clays as adsorbents	DOR 9.2/Ph.D/SBN/2559-2011-12 dated 25/11/2010	18-12-2014 Awarded in 2014
2.	Dr. Nickhola ramchurgee (Foreign National)	Studies on Ecotourism Potential and its Impacts for Sustainable Development in Karnataka	DOR 9.2/Ph.D/NAR/2414/2011-12 dated 24/09/2010	07-04-2015 Awarded in 1 2015
3.	Dr. N. Deepa	“Analysis of liquid Waste for Heavy Metals and their Removal through various Biosorbents”	DOR 9.2/Ph.D/DCN /1886/2009-10 dated	01/07/2015 Awarded in 2015

			20/09/2010	
4.	Dr. Hema N	Isolation, Screening and Optimization of Culture Conditions for Decolorization of Textile Effluent by Certain Microbial Isolates	DOR 9.2/Ph.D/HN/218/2010-11 dated 30/10/2010	21/11/2015 Awarded in 2015
5.	Dr. .Lathamani	Evaluation of Leachate, Contaminants and Impact of Urban Environment on Ground Water Quality in Mysore city	DOR 9.9/Ph.D/RL/2012/2012-13 dated 12/01/2012	11/08/2016 Awarded in 2016
6.	Dr. Mohammed A. Alghobar	“Evaluation of Long Term Effects of Sewage Water Irrigation on Salt and Toxic Metals Accumulation in Soil and Certain Crops in and Around Mysore City	DOR 9.9/ph.D/MAM AG/494 -2012-13 dated 13/10/2015	09/07/2017 Awarded in 2017
7	Dr. Athiya Samreena	Studies on the Removal of Dyes from Industrial Effluents by Various Biosorbents	DOR 9.9/Ph.D/AS/374 -2012-13 dated 12/01/2012	07 11/2017 Awarded in 2017
8.	Dr. Aiman Mohamed Abdelmalek Noman (Foreign National)	“Synthesis and Characterization of Metal oxide Nanoparticles and Their Application for Photocatalytic Degradation of Organic Pollutants in Wastewater”	Reg. No. DOR-9.4/Ph.D/AMAN/259/2017-18/ P.04/16 Dated 18/03/21	21/11/2022 Awarded in 2022
9.	Mr. Satish j	“Evaluation of Municipal Solid Waste and its Impact on Groundwater Quality in South part of Bengaluru city, Karnataka”	DOR.9.3/Ph.D /JSK/409/2016 -17 Dated 07/10/2017	Awarded in 2023

Guided for Dissertation work

◆ **For the award of M Sc degree :**

1. Physico chemical analysis of ground water around Gemini distillery Plant

◆ **For the award of B Sc degree:**

1. Environmental aspects of the Island “Fumananda”
2. Rain water harvesting
3. Captive breeding of animals at Mysore Zoo

4. Solar energy.
5. EIA Studies on Solid Waste Management in Mysore city
6. Biosorption of industrial liquid waste containing copper by Neem bark

◆ **Innovations/Contributions in Teaching**

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

◆ **Extension Work/Community Service**

- Worked as NSS Officer for Three years in Yuvaraja's College and conducted the two special village camp. 2004 -07

◆ **College/University/Institution**

- 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 (during 2011-14)

◆ **Co-curricular Activities**

- NSS Officer during 2004- 07 (03years) at Yuvaraj's College
- Jhanavahini Co ordinator 2019-20 at yuvaraja,s college
- College Magazine Yucachintana Co- ordinator 2019-20 at Yuvaraja'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
- Indian Science Congress
- Life member of National Environmental Association

◆ **Editor of journal etc. Reviewer**

- ❖ Journal of Environmental Science and Water Resources
(wudpeckerrsearch journals.org/JESWR/index.php)
- ❖ International Journals of Green Energy (SCHOLAR ONE)
- ❖ Strem Journal of Agricultural Policy and research
- ❖ [American Chemical Science Journal](#)
- ❖ [Journal of Global Ecology and Environment](#)
- ❖ Science Domain International

RESEARCH PUBLICATIONS
BOOK CHAPTER

1. Dr. S. Suresha “**Evaluation of Nutrients and Trace Metals and Their Enrichment Factors in Soil and Sugarcane Crop Irrigated with Wastewater**” as a chapter in International Research in Environment, Geography and Earth Science. Book Publisher International, 13/06/2020.
2. Dr. S. Suresha “**Effect of Wastewater Irrigation on Growth and Yield of Rice Crop and Uptake and Accumulation of Nutrient and Heavy Metals in Soil**” In Applied Ecology and Environmental Sciences, 2016, Vol. 4, No. 3, 53-60
Book name: Current Advances in Geography, Environment and Earth Science

Review Article

1. Sources, Toxicity and Recovery of Silver from Secondary sources: A Review, A.A. Syed and **S. Suresha**, **Chemical and Environmental Research** 15(1&2) 2006

Research Publications – International Journals

2. Clean technology for the recovery of silver from processed radiographic films, S. Syed, **S. Suresha**, L.M. Sharma and A.A. Syed, *Hydrometallurgy* 63(3) (2002) 277-280.
3. Sensitive and selective spectrophotometric determination of mercury(II), nickel(II), copper(II) and cobalt(II) using iminodibenzyl and 3-chloroiminodibenzyl as new reagents and their applications to industrial effluents and soil samples, **S. Suresha**, M.F. Silwadi and A.A. Syed, *International Journal of Environmental Analytical Chemistry* 82(5) (2002) 275-289.
4. Optical and chemical methods of metal ash analysis and tin recovery, **S. Suresha** A.A. Syed and B Basavalingu. *Chemical and Environmental Research* 15(3&4) 2007

5. Micro and sub micro analysis of trace metals in metal ash by Inductively Coupled Plasma Mass Spectrometry, A.A Syed, **S. Suresha**, V.Balaram and K.Chandrashekar. *Chemical and Environmental Research* 15 (3&4) 2006.
6. Assessment of physico Chemical features and phytoplankton on selected lakes of Mysore, J.Mahadev, A.B. Doddamani, **S. Suresha** and A.A. Syed. *Journal of Ecotoxicology & Environmental Monitoring*, **21(2) 137-142 (2011)**
7. Comparative studies on Algal flora in relation to Physico-chemical Parameters from River Cauvery and its Tributaries. J.Mahadev, **Suresha. S** and Syed Akheel Ahmed , *International Journal of Lakes and Rivers Volume 4. Number 1(2010), pp 35-49*
8. Synthesis, characterization, and photocatalytic properties of surface-modified, silver-doped ZnO. K. Namaratha, **S. Suresha**, M.B. Nayan, K. Byrappa, *Res Chem Intermed, Springer journal (2011)37:531-539*
9. Impact of agricultural runoffs on River Shimsha, Maddur, Karnataka, India, J Mahadev, Usman Taqui Syed and **S. Suresha**. *International Journal of Lakes and Rivers* Volume 4. Number 2 (2011), pp 199-205.
10. Calculating Algal Diversity Indices in River Cauvery by Past Software Program. J.Mahadev, **Suresha. S**, Nagarathna and Syed Akheel Ahmed. *Global Journal of Applied Environmental Sciences*, Volume 1, no.2 (2011) .207-219
11. Species richness and diversity of chlorophyceae and bacillariophyceae in Cauvery River, Mysore, India. J Mahadev, Usman Taqui Syed and **Suresha S**. *International journal of Water Resources and Environmental Engineering*, Vol.3(14) Dec -2011, pp 380-384
12. K. Namratha, S. Suresha and K. Byrappa(2011)Hydrothermal Synthesis and Photocatalytic Studies of in situsurface modified Silver Doped ZnO Nanoparticles Proceedings: IUMRS-ICA, 2011, Taipei, Taiwan
13. Decolorization of a synthetic dye – Yellow 5GN by *Pseudomonas aeruginosa* using response surface methodology. N. Hema, S. Satish and **S. Suresha** Scholar Research Library, *J of Microbiol Biotech Res.*, **2013**, 3(3):147-154
14. Removal of Zn (II) ions from aqueous solution and industrial waste water using leaves of *Araucaria cookii*. C. N. Deepa, Jayadevappa and **S. Suresha**. Scholar Research Library, *Archives of Applied Science Research*. **2013**, **5 (4):117-126**
15. Adsorption of Pb(II) from aqueous solution using NPP-modified bentonite as adsorbent. Sandeep, B.N., and **Suresha, S.**, *Ecoscan* 7(1&2): pp 27-30, **2013**

16. Adsorption of malachite green using NPP-modified bentonite in synthetic medium and textile wastewater. Sandeep, B.N., and **Suresha, S.**, *Asian Journal of Environmental Science* Vol 8 (1) pp 28-32, **2013**
17. Ecotourism in Bagalkot District, Karnataka, India: An assessment of the inhabitants' awareness level and attitudes, Nichola Anastasia Ramchurjee and **Suresha S.**, *International Journal of Environmental Science* (2013) Vol 3, No.6, 2278-2290
18. NPP-modified bentonite for adsorption of Ni (II) from aqueous solution and electroplating wastewater. Sandeep, B.N and **Suresha, S.**, (2013). *International Journal of Environmental Science* Vol 4, No. 1, 113-122
19. Pilgrimage Tourism- Behavioral Perspective of Tourists in Dakshinnada, Karnataka, India. Nichola Anastasia Ramchurjee, **Suresha S.** *Asian Journal of Multidimensional Research* (2013) Vol 2, Issue 12, 15-25
20. Are Tourists' Environmental Behavior affected by their Environmental Perceptions and Beliefs? Nichola Anastasia Ramchurjee, **Suresha S** and Suresha K.P, *Scandinavian Journal of Hospitality and Tourism* (In Press)
21. Contribution of Tourists Environmental Behaviors Towards Green Tourism in Mysore, India, Nichola Anastasia Ramchurjee and **Suresha S.** *Midas Touch International Journal of Commerce, Management and Technology* (2014) Vol 2, No. 1, 239- 249
22. Evaluation of Physico-Chemical Characteristics of Leachate and its Impact on Ground water Quality in Mysore City, Karnataka, India Lathamani M. R. Janardhana And **S. Suresha.** *Midas Touch International Journal of Commerce, Management and Technology* (2014) Vol 2, No. 1, 250- 260
23. Ecotourism: A Case Study of Environmental Responsible Behavior of Tourists in Mysore, Karnataka, India. Nichola Anastasia Ramchurjee and **Suresha S** *ZENITH International Journal of Multidisciplinary Research* Vol.4 (3), MARCH (2014)
24. Hampi: An Investigation of Tourists, Motivation, Activities and Performance of the Destination. Nichola Anastasia Ramchurjee and **Suresha S.**, *Journal of Kashmir for Tourism and Catering Technology* Vol.1. No.2 (2014) pp 24-36
25. Influence of Culture Conditions on Decolorization of Patent Blue by *Pseudomonas Aeruginosa* using Response Surface Methodology. N. Hema, and **S. Suresha.** *Life Sciences International Research Journal*, Vol 1, issue 1 (2014)
26. Kinetic and Isothermal Studies on the Removal of Copper (II) from Aqueous Solution by *Araucaria cookii*: Response Surface Methodology for the Optimization of Parameters. Deepa C.N, A.A. Syed and **Suresha S.** *International Journal of Recent Scientific Research*, Vol. 5, Issue 4 (2014) pp 820-827.

27. Bioremediation of Textile Dye Effluent by *Shewanella putrefaciens* N. Hema, and **S. Suresha**. *International Journal of Pharmacy and Biological Sciences, IJPBS*, Vol 4, Issue 2, (2014) pp 109-116.
28. Dye Decolorization by *Penicillium oxalicum*: Application of Plackett-Burman Experimental Design to Evaluate Nutritional Requirements" N. Hema, and **S. Suresha**. *International Journal of Recent Scientific Research*, Vol. 5, Issue 7 (2014) pp 1347-1352
29. Biosorption of Lead (II) from aqueous solution and industrial Effluent by using leaves of *Araucaria cookii*: Application of Response Surface Methodology, Deepa C. N, **Suresha. S.** *IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* Volume 8, Issue 7 Ver. I (2014), PP 67-79
30. Application of Water Quality Index Method to Assess Ground Water Quality in Mysore City, Karnataka, India. Lathamani R, M.R. Janardhana, **S. Suresha**. *International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)*, Vol 3, special issue 5, (July 2014) pp 501-508
31. Removal of Chromium (VI) in aqueous Solution and Industrial Wastewater Using Pods of *Prosopis Spicigera*. C.N Deepa, and **S. Suresha**. *International Journal of Pharmacy and Biological Sciences, IJPBS*, Vol 4, Issue 2, (2014) pp 234-243.
32. Biosorption of Ni (II) from Aqueous solution and Industrial Waste Water by Leaves of *Araucaria cookii*: Deepa C. N, **Suresha. S.** *Int. J. Res. Chem. Environ.* Vol .4 Issue 4 **Oct 2014**. pp 101- 108
33. Ground Water Vulnerability Mapping in Mysore city using GIS and Drastic Model, Lathamani. R, **Suresha. S** and B. Mahalingam. *International Journal of Researches In Biosciences, Agriculture & Technology*. May 2014 Issue-2, **Volume-II, 729-740**
34. Effect of Sewage Water Irrigation on Soil Properties and Evaluation of the Accumulation of Elements in Grass Crop in Mysore city, Karnataka, India. Mohammed A. Alghobar, Lathamani R, **S. Suresha**. *American Journal of Environmental Protection*. 2014; **3(5): 283-291**
35. Role of *Shewanella putrefaciens* in decolorization of Acid dye Red 3BN, N. Hema, **S. Suresha**. *Acta Biologica Indica* 2014, **3(2):731-742**
36. Evaluation of Aquifer Vulnerability using Drastic Model and GIS: A case Study of Mysore city area. Lathamani R, M.R. Janardhana, B. Mahalingum **S. Suresha**. *Aquatic Procedia, Elsevier*, 4(2015) 1031-1038

37. Optimization of Fungal Decolorization of Isolan Grey using Plackett-Burman Experimental Design, N. Hema, and **S. Suresha**. *Int. J. Res. Chem. Environ.* Vol.5 Issue 2 (April 2015). pp 26-34
38. Are Tourist' Environmental behaviors Affected by their Environment Perceptions and Belifs?, Nichola Anastasia Ramchurjee and **Suresha S**, *Journal Environmental and Tourism Analysis* Vol. 3.1 (2015) pp 26-43
39. Optimization of Culture conditions for Decolorization of Acid Red 10B *Shewanella putrefaciens* N. Hema, and **S. Suresha**. *Int. J.Curr. microbial. App. Sci* (2015). Vol.4 (5) :675-686
40. *Biosorption of Acid Violet 4BS from Aqueous Solution and Textile Industry Waste water using Syzygium cumini Seeds* Athiya Samreen, and **S. Suresha**. *Intenational Journal of Life Sciences Research* Vol.3issue 2, (5) (2015 pp 137-145).
41. *Evaluation of Nutrients and Trace Metals and their Enrichment Factors in Soil and Sugarcane Crop Irrigated with Wastewater.* Mohammed A. Alghobar, S. Suresha. **Journal of Geoscience and Environment Protection** (2015)3, 46-56
42. Biosorption efficiency of custard apple (*Annona squamosa*) bark towards the removal of metal complex Orange R dye from aqueous solution and textile industry wastewater Athiya Samreen, and **S. Suresha**. *IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) Sciences Research* Vol.9, Issue 9 Ver.II, (Sep 2015) pp 88-94).
43. Biosorption of Basic Black2XRL from Aqueous solution and Leather Industry Wastewater Using *Annona squamosa* bark, Athiya Samreen, and **S. Suresha**. *International journal of Innovative Research in Science , Engineering and Technology*. Vol.4, Issue 12 (Sep 2015) pp 12028-12036).
44. Comparative Biosorption of Acid Red YG Dye from Aqueous Solution and textile Industry Wastewater using *Syzygium cumini* Seeds and *Borassus flabellifer* seeds Peels. Athiya Samreen, and **S. Suresha**. *International Journal of Advanced Research*, Vol 3,Issue12,586-597 (2015)
45. Response surface Methodology and Kinetic Studies: Biosorption of Lead(II) in Aqueous solution using dry pods of *Prosopis spicigera*, **Deepa CN and Suresha S**, *International research Journal of Engineering and Technology(IRJET)*, Vol02,Issue 09(Dec 2015)
46. Analysis of Leachate Contamination Potential of Municipal Landfill Leachate Using Leachate Pollution Index. Lathamani R, **S. Suresha**. *JSSCWM QUEST Journal* Vol 3.1, 2015

47. **Growth and Yield of Tomato, Napier grass and Sugarcane crops as influenced by Waste water Irrigation in Mysore , Karnataka, India** Mohammed A. Alghobar, S. Suresha. *World Research Journal of Agricultural Sciences* (2016) Vol 3(1), pp 060-068
48. **Effect of Waste water Irrigation on Growth and Yield of Rice Crop and Uptake and Accumulation of Nutrient and Metals in soil** , Mohammed A. Alghobar, S. Suresha. *Applied Ecology and Environmental Science* (2016) Vol 4. No. 3, 53-60
49. Mohammed A. Alghobar, and **S. Suresha** “Evaluation of metal accumulation in soil and Tomatoes irrigated with Sewage water from Mysore city, Karnataka, India”. *Journal of the Saudi Society of Agricultural Sciences* (2017) 16, 49-59
50. Aiman.M.A. Naman., Mohammed A. Alghobar., **Sidduraiah Suresha**. Synthesis and activity evaluation of p-n CuO/CeO₂ZrO₂ heterojunction photocatalyst for the removal of dye from Industrial Wastewater under Visible Light Irradiation” *J. Water Environ. Nanotechnol.*, 6(1): 1-10 Winter 2021
51. Aiman.M.A. Naman., Mohammed A. Alghobar., **Sidduraiah Suresha**. Preparation and activity evaluation of n-p CuO/CeO₂ZrO₂ heterojunction photocatalyst for degradation of organic azo dye in wastewater under Visible Light Irradiation. **Advances in Environmental Technology 2** (2021) 69-78. **Iranian Research Organization for Science and technology (IROST)**
52. Aiman.M.A. Naman., and **Sidduraiah Suresha**. **Evaluation of Photocatalytic Degradation of Dyes in Industrial wastewater Using Metal Oxide Nanocomposites.** 26(1) (2022) pp 1-10 ‘*Indian Journal of Environmental Science*’, Green Earth Foundation.
53. Satish Kumar J. and Dr. S. Suresha “**Assessment of Effects of Solid Waste from the Municipal Solid Waste Dumping Yards on Ground Water using GIS tool: A Case Study of Southern part of Bengaluru, Karnataka, India**” *International Journal of Environmental Sciences* (ISSN: 2277-1948) Vol. 10. No.4. 2021.
54. Satish Kumar J, Suresha S, Stavelin Abhinandithe K, Shiva S, Sunita C Mesta “**Analysis of Hydrochemical Characteristics and Assessment of Groundwater Quality In Areas Surrounding Municipal Solid Dumping Yards In Southern Parts of Bengaluru Karnataka**” *International Journal of Creative Research Thoughts* (IJCRT) 2022, ISSN: 2320-2882 Volume 10, Issue 11 November 2022.

55. Satish Kumar J, Suresha S “**Application of water quality index to assess groundwater quality and effects of municipal solid waste dumping yards in the southern part of Bengaluru city Karnataka, India**” International Journal of Innovative Research in Technology| ISSN: 2349-6002 | IJIRT | Volume 9 Issue 6, November 2022.
56. Satish Kumar J and Dr. S. Suresh “**Seasonal variations in groundwater quality around Chikkanagamangala municipal solid waste dumping yard, Bangalore city, Karnataka**” *Compliance Engineering Journal* ISSN NO: 0898-3577 Volume 12, Issue 5, 2021.

Research Papers presented

International Conference

1. Waste characterization from a plating industry: A case study, published in the proceedings of international conference, held during October 2000 at Bahrain, Saudi Arabia.
2. Presented a research paper in the “International National Conference ISHA 2010 on “**Synthesis, Characterization and Photocatalytic Properties of Silver Doped ZnO**” held on 27th to 29th July 2010 at Chinese Academy of Sciences, Beijing, China.
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.
4. Presented a research paper entitled “**In-Situ Surface Modification of ZnO Nanomaterials under Noval Hydrothermal solution Routes**” in the International Conference PCGMR Symposium NanoTechnology for Advanced Materials during 23 to 24 Sep. 2011 in the National ChegKung University Tainan 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, Bophal, 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.
9. Clean technology for the recovery of silver and gold from secondary sources, Presented at National Seminar on Twentieth Conference-2001, Indian Council of Chemists held during 22-24 December, 2001, Department of Studies in Chemistry, University of Mysore, Mysore, India.
10. Newer spectrophotometric methods for the determination of certain aromatic carcinogens, Presented at National Seminar on Twentieth Conference-2001, Indian Council of Chemists held during 22-24 December, 2001, Department of Studies in Chemistry, University of Mysore, Mysore, India.
11. Participated in the Synergy Seminar on Advanced Analytical Technological and Industrial Development at NCCCM, Hyderabad on 15- 17September 2003.
12. Participating in State level Seminar on Frontiers of science and Technology at Yuvaraja's college, Mysore on 5 January 2004.
13. Micro and Sub micro analysis of tracer metals in Industrial waste by ICPMS, Presented at National seminar at RCEAS held during 15-17 march 2004, at S V University Tirupati, Andhrapradesh.
14. Environmental Management for Industrial Ecology; Anew 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 9th October 2004 at J S S College Nanjanagud.
16. Participated in the National workshop on Applied Geo Chemistry in Mineral Exploration(Mineral, Water and Fuels) : Currents and Future Trends held on 25th &26th February 2009 at Dept of geology, University of Mysore, Mysore, Karnataka, India .

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
21. Participated in the Training Program on “ Application of Hydro geochemical Modeling in Water Research” held from 1st to 5th 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.
25. Influence of culture conditions on decolorization of Patent Blue by *Pseudomonas aeruginosa* using response surface methodology, N.Hema & Dr.S.Suresha, presented a paper at the International Conference on Agriculture, Veterinary & Life Sciences – 2014 (ICAVLS-2014), January 24th & 25th , Vijayawada, Andhra Pradesh.
26. Role of *Shewanella putrefaciens* in decolorization of Acid dye Red 3BN, N.Hema & Dr.Suresha, presented a paper at the International Conference on Biodiversity, Bioresources & Biotechnology, January 30th-31st, 2014, Mysore, 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.
28. Bacterial Decolorization of a synthetic dye-Yellow 5GN using response surface methodology, N.Hema & Dr.S.Suresha, presented a poster at the KSTA Regional

Conference on Science & Technology for Education and Health Care, February 21st-22nd, 2014, JSS College, Mysore, Karnataka.

29. Bioremediation of Textile Dye Effluent by *Shewanella putrefaciens*, N.Hema & Dr.S.Suresha, presented a paper at the National Seminar on Management of Urban Biodiversity: Issues, Challenges and Solutions, MUBICS 2014, September 1st-2nd, 2014, Christ University, Bangalore.
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 and Environmental Sciences”).
31. R. Lathamani, M.R.Janardhana and S.Suresha. Paper entitled: *Evaluation of Physico-chemical characteristics of groundwater of Mysore city. International Conference on Good Governance and Sustainable Development held on 22 – 23 March, 2012 at Annamalai University, Annamalainagar, Tamil Nadu, India.[Best paper awarded]*
32. R.Lathamani and S.Suresha.: *Evaluation of physic-chemical characteristics of leachate and its impact on groundwater quality in Mysore city, Karnataka. International Conference on Technology Management for Green Environment held during 19 – 21 September 2013 at Visvesvaraya Technological University, Regional Centre, Mysore*
33. R.Lathamani and S.Suresha.: *Seasonal Variations of nitrate concentrations in Groundwater quality of Mysore city. National Conference on Recent Trends in Chemical Research held during 3 – 4 January 2014 at Sri Jayachamarajendra College of Engineering, Mysore.*
34. R.Lathamani and S.Suresha.: *Groundwater vulnerability mapping in Mysore city using GIS and DRASTIC model. International Congress on Science and Technology for Society held during 23 – 25 May 2014 at Hotel Bangkok Palace, Bangkok,Thailand. Organized by Vishwashanthi multipurpose society, Nagpur, India.*
35. R.Lathamani, M.R. Janardhana and S.Suresha.: *Application of Water quality Index method to assess groundwater quality in Mysore city, Karnataka, India. International Conference on Innovations and Advances in Science, Engineering and Technology held during 16 – 18 July 2014 at Toc H institute of Science and technology in association with BRNS, ISTE, IJIRSET, CSI , Ernakulam, Kerala.*
36. R.Lathamani and S.Suresha.: *Evaluation of Municipal Solid Waste Leachate contamination potential by using Leachate Pollution Index. International*

Conference on Environment and Energy, held during 15 – 17 December 2014 at Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad.

37. R.Lathamani and S.Suresha.: **Analysis of Leachate Contamination Potential of a Municipal Landfill Leachate Using Leachate Pollution Index. *International Congress on Environmental Research held during 26 -28 December 2014 at R. V. College of Engineering, Bangalore, India.***
38. S.Suresha : Participated in the national seminar on **Stastical Methods and data Analysis** held on 26th and 17th September 2014 at Yuvaraja’s College, Mysore
39. **S. Suresha** presented research paper entitled “**Rremoval of AS(V) from aqueous solution using bark of Psidium guajva- Application of Response Methodology**: in International conference on Environmental Health and Policy Nexus (ICEHPN2017) held during 27th and 28th July 2017 at JSS University, Mysore.
40. S.Suresha and Sandeep “**Evaluation and application of bentonite, NPP-bentonite, kaolinite and NPP-kaolinite for Removal Cr (VI) from aqueous solution and Industrial Wastewater** presented at a National conference HARMONY 2017 held during 21/12/2017 to 23/12/2017 at Dept. of Zoology, Kakatiya University, Warangal, Telangana State.
41. S.Suresha : participated in the national seminar on Research and Publishing” sponsored by centre for Proficiency Development and Placement services, held on 23rd March 2019 at Yuvaraja’s College, Mysore
42. S. Suresha : Participated and Conducted as a **Organizing Secretary** in one day state level Workshop on “ **CARRER OPPORTUNITIES IN EARTH AND ENVIRONMENTAL SCIENCES AND REQUIRED BACKGROUND**” held on Feb 29th 2020 at Yuvaraja’s College , University of Mysore , Mysuru.