



S.SHRIHARI

1. Permanent Address 6-3-78/10, 302 “Poojan Enclave”, Gandhinagara 6 th. Cross, Mangalore –575003 (D.K.) Karnataka.
2. Date of Birth 09 -12 - 1960
(Ninth December Nineteen Sixty)
3. Designation and department Professor
Department of Civil Engineering
4. Corresponding address National Institute of Technology Karnataka,
Surathkal, Srinivasanagara – 575 025.
5. Field of Specialization Environmental Engineering (in Civil Engineering)
6. Area of Interest Treatment of water and waste water, ground water quality analysis, bioremediation of contaminated ground water sources.

7. Educational Qualifications

Degree	University/Institution	Year	Specialisation
B.Sc.(Engg.)	Cochin	1983	Civil Engineering
M.Tech.	I.I.T.Kanpur	1987	Environmental Engineering
Ph.D.	University of Roorkee	2000	Effects of Benthic Sludge on Overlying Water

8. Memberships	(i) Life Fellow, Institution of Engineers - Hon. Chairman, Mangalore Local Centre (term 2012-2014) & Hon. Secretary, Mangalore Local Centre (term 2010-2012) (ii) Life member, Indian Association for Environmental Management (iii) Life member, Indian Society for Technical Education (iv) Life Fellow, Association of Consulting Civil Engineers (India)
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9. Experience	a) Field Experience :
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	1983 April to 1983 August Civil constructions
	b) Teaching Experience : 1983 Onwards
Experience (Contd.)	c) Administrative Experience : <ul style="list-style-type: none"> ● Chairman, Career Development Cell, N.I.T.K.S, 2021- ● Campus Representative, Fulbright USEFI Programs. ● Secretary, NITK Students Co-operative Society, 2005-2007. ● Faculty in-charge of the Industry-Institute Partnership Cell, N.I.T.K. Surathkal, between 2001 and 2006. ● Associate NCC Officer between 1996 and 2001 ● NSS Officer between 1994 and 1996. ● Co-ordinator, TEQIP for E-classrooms, Furnitures & Refurbishment of Seminar Halls ● Chairman, I.E.(I) Students Chapter, NITKS.

1.1

1.2	10. Subjects taught :	1.3	(i) Environmental Engineering (Physico-chemical Processes for Treatment of Water and Waste Water (PG), Biological Waste Water Treatment Systems (PG), Water supply and Waste water Engineering , Industrial Water supply and Treatment, Air pollution Control, Industrial waste Treatment,Etc.)
		1.4	

1.5

11. Area of Research Interest	<p>Water Quality Assessment and Treatment</p> <ul style="list-style-type: none"> -Surveillance of drinking water quality -Performance evaluation of water treatment facilities -Technology development for improvement of water quality -Monitoring and management of priority organic pollutants (POPs) and other pollutants -Evaluation of water resources for health related water quality parameters -Water quality management for pesticides contamination <p>Environmental Impact Assessment</p> <p>Geo-environmental Engineering</p>
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12. Publications	International Journals	Indian Journals	International Conferences	National Conferences
Total : 194 (List Given in Appendix)	49	40	51	54

13. Guidance of students Projects/Dissertation:

B.E.	M.Tech.	Ph.D.
18	66	16 (Thirteen awarded)

1. C.Balamurali Krishna – Effect of Municipal Solid Waste Leachate on Soil Properties – defended on 11.08.2006; Guides – Dr.R.K.Yaji & S.Shrihari; Examiner : Dr.Sanjeev Chaudhuri, IIT Bom-

bay.

2. Sunil B.M. - Prediction of Behavior of Lateritic Soils and Effect of Contamination on Properties of Lateritic Soils and Shedi Soil (Lithomargic Clay) ; defended on 08.01.2009; Guides – S.Shrihari & Sitaram nayak; Examiner : Dr. A.K.Dikshit, IIT Bombay

3. Srinivasa Rao N.S. - Sensitivity Analysis of Water Supply Systems ; defended on 09.10.2009; Guides - S.Shrihari & M.K.Nagaraj; Examiner : Dr. Jayakumar K.V., Director, CWRDM, Kozhikode.

4. Rajesh Gratian D'Souza – Application of Incinerator Ash as Additive in Concrete; defended on 23.06.2010; Guide – S.Shrihari; Examiner – Dr. D.N.Singh, Professor, Department of Civil Engineering, I.I.T.Mumbai.

5. Virupaksha K. - Thermal Ecology of Kadra Reservoir with Special Reference to Benthic Macro Invertebrates; defended on 19.09.2011; Guide – S.Shrihari and M.N.Madhyastha; Examiner – Prof. T. Balasubramanian, Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai, Tamil Nadu.

6. Rajagopal B. - Studies on Land Use/Land Cover Changes and Water Quality due to Urbanization along the Coastal areas of Dakshina Kannada District, Karnataka, India; ; Guide – S.Shrihari and G.S.Dwarakish; defended on 11.05.2013 ; Examiner – Prof. Sivapulliah, I.I.Sc., Bangalore; External Examiner : Dr. Venkatalakshmi.

7. Vinayak Patki - Water Quality Assessment in Distribution Systems using Artificial Intelligence; Guide – S.Shrihari and B.Manu; defended on 12.09.2014 ; Examiner – Prof. A.K.Nema, IIT Delhi; External Examiner : David Scoelhommer, UC Davis.

8. Karale Rahul - Fenton and Photofenton Oxidation of Selected Pharmaceutical Compounds of Pyridine derivatives in Water; Guide – S.Shrihari and B.Manu; defended on 29.07.2015 ; Examiner – Prof. Babu Alappatt, IIT Delhi; External Examiner :Mutucumar Sivakumar, University of Wollongong, NSW 2522, Australia.

9. Shrikant Sitaram Jahagirdhar - Reuse of Textile Mill Waste - S.Shrihari and B.Manu; defended on 05.10.2015 ; Examiner – Prof. M.M.Ghangrekar, IIT Kharagpur; External Examiner - Prof. Roger West, Trinity College, University of Dublin.

10. Divya Anand - Development of Simulation Model for Leachate Migration near Vamanjoor Landfill and Treatment of Leachate by Nanoparticles - S.Shrihari and Ramesh G.; defended on 30.04.2021 ; Examiner – Prof. Anurag Ohri, IIT Guwahati; External Examiner - Prof. Babu Alappatt, IIT Delhi.

11. Anjali M.S. - Performance Evaluation of Blast Furnace Slag as Filter Media for Water Treatment - S.Shrihari and Sunil B.M.; defended on 09.06.2021 ; Examiner – Prof. R.C.Vaishya, MN-NIT Allahabad ; External Examiner - Prof. Ajay Kalamdhad, IIT Guwahati.

12. Sheekha Subramani - Evaluation of Pyrolyzed Areca Husk for the Removal of Ferrous Ions from Aqueous Solution - S.Shrihari and B.Manu; defended on 30.07.2021 - Examiner - Prof. V.V.Goud, IIT Guwahati; External Examiner - Prof. Babu Alappatt, IIT Delhi.

13. Vinod Tamburi - Estimation and Mapping of Vertisols Soil Nutrients by Geostatistics and Remote Sensing Approach - S.Shrihari and Amba Shetty; defended on 13.12.2021 ; External Examiner - Prof. Suresh Kumar, ISRO, Dehradun

14. Research & Development Projects :

Sl. No.	Name of Funding Agency	Name of Scheme	Project Title	Year	Duration	Amount Sanctioned (Rs. Lakhs)	Status
1.	MHRD, G.O.India	MODROBS	Modernization of Environmental Engineering Laboratory	1989	3 Years	7.00	Completed
2.	MHRD, G.O.India	MODROBS	Modernization of Environmental Engineering Laboratory	1996	3 Years	8.00	Completed
3.	MHRD, G.O.India	R & D	Investigations on Ground Water Contamination by organic pollutants in and Around D.K. & Udupi Districts	2000	3 Years	5.00	Completed
4.	MHRD, G.O.India	TAT (Thrust Areas in Technical Education)	Suitability of Lateritic Soils for microbial pollution control and reuse of treated domestic waste water.	2002	2 Years	12.00	Completed
5.	MHRD, G.O.India	TAT (Thrust Areas in Technical Education)	Dispersion Studies of microbial pollution using Wind Tunnel Facility	2003 – 2006	3 Years	15.00	Completed
6.	DST	Young Scientist Scheme For Dr. Suresh Verghese	Design, Fabrication and Testing of Personal Cascade Impactor for Occupational Particulate Matter Exposure Measurement	2005 -2006	2 Years	15.00	Completed
7.	New Mangalore Port Trust	R & D (along with Dr. M.K.Nagaraj)	Studies on the Ground Water Quality in and Around NMPT	2006 – 2008 - 2013	2 Years (Extended for further 3 years)	6.00 + 3.00	Completed
8.	BRNS, BARC	R & D (along with Dr. M.K.Nagaraj)	Flow Characteristics and Pollutant Dispersion around Buildings	2007 -2010	3 Years	18.68	Completed

9.	Kirloskar Ferrous, Koppal	Industrial R & D	Use of stabilized blast furnace slag in infrastructure projects	2014-2016	3 Years	6.4 Lakhs	Ongoing
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15. Other Community Programs	a) Involved in the Nirmala Grama Yojana
	b) Involved in the Rajiv Gandhi Drinking water Mission – National Survey of Water Quality.
	c) Study of Lead Contamination in Ground Waters of Mangalore – Sponsored by TEQIP

16. a) Consultancy Projects	a) Third Party Approval of the Design of 171 KLD water Treatment plant of M/s Green Enviro Tech Bengaluru for Centre for Aerospace Excellence, HAL Bengaluru
	b) Performance Monitoring and Evaluation for Package Sewage Treatment Plan, M/s REX POLYEXTRUTION Pvt. Ltd., 8.0 Lakhs
	c) Undertaken survey works of Mangalore Air port runway extension, Mysore Paper Mills effluent pipe line project (13 Km) etc. using Sokkia Total Station.
	d)Third Party inspection of Water Treatment plant for Udupi Zilla Panchayath.
	e) Environmental Impact Assessments for the KUDCEMP Secondary and Tertiary Waste treatment Plants in Mangalore.
	f) Design of water and Waste water Treatment Plants for New Mangalore Port Trust, Rail India Technical & Engineering Services (RITES), and about 5 other fish processing factories, Malpe (India) fishing harbour etc.
b) Industry interaction	a) Faculty in-charge of the I.I.P.Cell 2000 - 2005.
	b) A proposal for utilization of Incinerated Ash from BASF, Bala, as Alternative building material was undertaken as a Ph.D. Project.
	c) Designed waste water treatment facilities for several small fish processing industries in the district.

17. Contribution to Departmental Activities : (Curriculum development, Laboratory development, Assistance in administration etc.)	
i. Curriculum Development	a) Developed and Introduced a new course on “Environmental Management”
	b) Convener for the new P.G. Course in Environmental Engineer-

	ing
	c) Responsible for the framing of Syllabi for the M.Tech. Environmental Engg. Course.
	d) Involved in the revision of Syllabus for the U.G. Environmental Engg. and Construction Management courses.
	e) Member of the DUPC, DPGC, DRPC from 2003-04 onwards
	f) Co-ordinator for I Semester Environmental Science (MLC) Course – Framed Syllabus & Class work.
ii. Laboratory Development	a) Incharge of the Environmental Engg. Laboratory 1987 - 2007.
	b) Responsible for the modernization and removal of Obsolescence in Environmental Engg. laboratories.
	c) Involved in all testing and consultancy works related to Environmental Engineering.
iii. Assistance in administration	a) Chairman, Career Development Cell, NITK Surathkal from 30.04.2021
	b) Campus Representative, U.S. Education Foundation in India.
	c) Faculty in-charge of the I.I.P.Cell, 2000 - 2006.
	d) Incharge of the Environmental Engg. Laboratory since 1987.
	e) Responsible for the modernization and removal of Obsolescence in Environmental Engg. laboratories.
	f) Involved in all testing and consultancy works related to Environmental Engineering.

18. Number of Books and other Educational materials developed: (Attach list)	
Three	<ol style="list-style-type: none"> 1. Synergic Solutions for Sustainable Development, Published by Research Pub. Online, Chennai 2. Laboratory Manual “Analytical Methods in Environmental Engineering”. 3. Significance of Sensitivity Analysis in Maintenance of WTP – Published by Lambert Academic Publishing, Mauritius.

19. Participation in College Activities: (Curricular, Cocurricular, extracurricular, administrative, etc
i) Chairman, Career Development Cell, NITK Surathkal from 30.04.2021
ii) Coordinator, Unnath Bharath Abhiyan Theme - Sanitation
iii) Coordinator, Centre for Diasater Risk Reduction, NITKS
iv) Campus Representative, U.S. Education Foundation in India.
v) Member, Research Council for Science and Technology Programmes (RC-ETP), Kerala State Council for Science, Technology and Environment (KSCSTE) for 2010-2013.
vi) Member, Board of Studies in Civil Engineering, Manipal Institute of Technology, MU.
vii) Secretary, K.R.E.C. Students Co-operative society, from April 2005 to March 2007. Director from March 2007 - 2012.
viii) Co-ordinator, for refurbishment of Seminar Halls, E-Classrooms and Furniture, TEQIP
ix) Chairman, Volunteers Committee, XVII National Conference on IC Engines and Combustion, December, 2002
x) Faculty in-charge of the I.I.P.Cell, 2000 - 2006.
xi) Member of the consultative committee constituted to check the drainage and other facilities at the "Seabird" Project rehabilitation sites at Harawada, Amdali and Chittakula in Karwar taluk, U.K., 2001-02.
xii) Member, Expert Committee on Supply, Execution, testing, commissioning & trial running of Water filtration and re- circulation plant for Olympic size swimming pool, K.R.E.C. Surathkal, 2000-01.
xiii) Councilor, IGNOU Study Center, N.I.T.K. Surathkal for BTCM and BTWRE Courses.
xiv) Associate N.C.C. Officer from 1996 to 2001.
xv) N.S.S. Program Officer for the year 1995-1996.
xvi) Member of the expert committee for "Swajala Dhara Yojana" in Udupi District.
xvii) Member of the Executive Committee of the K.R.E.C. Teachers Association, in 1993-94, 1999-2000
xviii) Laboratory in-charge for Environmental lab. Since 1984, upto 2010.
xix) Represented the college at the review meetings for the M.H.R.D. projects in Thrust areas (Environmental Engineering)
xx) Involved in all the purchases made to the Environmental Engineering Lab.
xxi) Participated in the district level Quiz competition for teachers organized by the Rotary Club of

Mangalore.

20. Awards / Recognitions, if any:

Honoured by the Institution of Engineers (India) Mangalore Local Centre on the Engineers Day 15 September 2015.

Awarded the **National Design & Research Forum Award for Environmental Engineering Design by the Institution of Engineers (India)** on 20 th December 2013 during the 28 th. Indian Engineering Congress, Chennai.

Awarded the **Prof. R.C.Singh Memorial Prize for best Paper published in the Journal of Institution of Engineers (India) Environmental Engineering Division** on 12 th December 2009 during the 24 th. Indian Engineering Congress, Surathkal.

Awarded the **Fulbright Indo-American Leadership Program (IAELP)** grant, 2002-04. Was associated with Louisiana State University, LA, USA from 01.09.2004 to 31.10.2004.

21. Any other information: - (Invited lecturer / membership of academic bodies, expert committee etc.)

1. Membership of expert committees:	i. Member, Research Council for Science and Technology Programmes (RC-ETP), Kerala State Council for Science, Technology and Environment (KSCSTE).	
	ii. Member, BOS for School of Civil and Chemical Engineering (SCALE), VIT University, Vellore.	
	iii. Member, expert Committee for “Swajala Dhara Yojana” in Udupi district.	
	iv. Member of the consultative committee constituted to check the drainage and other facilities at the “Seabird” Project rehabilitation sites at Harawada, Amdali and Chittakula in Karwar taluk, U.K., 2001-02	
	v. Member, Expert Committee on Supply, Execution, testing, commissioning & trial running of Water filtration and re- circulation plant for Olympic size swimming pool, K.R.E.C. Surathkal, 2000-01.	
2. Delivered Invited Talks:	18.01.2022	Talk on “Resource recovery and reuse – Waste to wealth” at the 5 day FDP at the KSSchool of Engineering and Management, Bengaluru
	04.03.2021	Talk on “Valorization of Waste” at the 5 day FDP on “Recent Trends and Advances of Thrust Areas of Research in Civil Engineering” REVA UNIVERSITY, Bengaluru
	25.01.2021	Talk on “Valorization of Waste” at the 5 day FDP on Geoenvironmental Geotechnology”, MITE Mood-

	abidri
08.01.2021	Talk on “ Solid Waste Management” at the 5 day FDP on Geoenvironmental Engineering – For Solid Waste Management, NITK Surathkal
04.01.2021	Talk on “Valorization of Waste” at the 5 day FDP on Geoenvironmental Engineering – For Solid Waste Management, NITK Surathkal
28.06.2019	National Workshop on “Air Pollution and Its Impact on Climate Change” at Sahyadri College of Engineering on 28th and 29th of June 2019
29.03.2018	Talk on “Advanced Solid Waste Treatment” at P.A.-Collage of Engineering, Nadupadav, Kairangala, Mangaluru Tq. as part of the TechnoWeek-2018
21.03.2018	Talk on “Advanced Solid Waste Treatment” at Manipal Institute of Technology, Manipal, as part of the TechnoWeek-2018
01.06.2017	Delivered a talk on “Strategies for Overcoming Water Shortages” at the Department of Civil Engineering, Cochin University of Science and Technology (CUSAT)
02.11.2016	Delivered a talk on “Sanitation – need of the day” at NITK Surathkal as part of the Swachhata Pakwada at NITK Surathkal.
22.10.2016	Key Note Lecture on “ Climate Change – Implication on Food Security and Livelihood Issues” at the National Conference on “Climate Change – Mutifaceted Impacts, Adaptation and Mitigation Strategies” at Department of Social Work, St. Joseph's College, Pilathara, Kannur, Kerala.
20.09.2016	Talk on “Sanitation” as part of the TechnoWeek-2016 at Vivekananda Institute of Engineering and Technology, Puttur.
16.07.2016	Talk on “Why Indian Engineers are percieved as Unemployable” at the National Workshop on “ Inclusive Technical Education in National Context: Challenges and Solutions ”, organized by the Department of Civil Engineering and the Department of Applied Mechanics at Motilal Nehru National Institute of Technology, Allahabad on July 16-17, 2016.
26.02.2016	Key Note Lecture on “Sanitation” at the National Conference on Advanced Trends in Civil Engineering and Sustainable Development (ATCESD-16) at Mangalore Institute of Technology and Engineering, Mudabidri.

17.03.2015	Talk on "Disaster Risk Reduction" at Continuing Medical Education Program on Disaster Management - Planning, Preparedness and Response" at Department of Community Medicine, A.J.Institute of Medical Sciences and Research Centre, Mangaluru.
05.06.2014	Key Note Lecture on "Small Islands and Climate Change" during the World Environment Day at Hindustan Petroleum Corporation Limited, Kana, Mangalore
22.02.2014	Key Note Lecture on "Eco-Technology - Present and the Future" during the two days National Workshop on "CIVIL ENGINEERING CHALLENGES IN 21 ST CENTURY (CEC21-2014)" at MITE, Moodabidri.
27.09.2013	Key Note Lecture on "Frugal Engineering" during the Inauguration of The Institution of Engineers (I) Students Chapter at Srinivas Institute of Technology, Valacchil, Mangalore.
17.09.2013	Key Note Lecture on "The Institution of Engineers (I)" during the Engineers' Day Celebration at Mangalore Institute of Technology and Engineering at Moodabidri.
01.06.2013	Key Note Lecture on "Living in a Box" at the National Conference on "Recent Practices and Applications in Civil Engineering" at Walchand College of Engineering, Sangli.
28.03.2013	Invited Lecture on "Virtual Water Trade" at the Engineers Week -2013 organized by Association of Consulting Civil Engineers, Mangalore at Sahyadri College of Engineering, Mangalore
20.03.2013	Invited Lecture on "Solid Waste Management – A necessity for Safe Drinking Water" at the Engineers Week -2013 organized by Association of Consulting Civil Engineers, Mangalore at NMAMIT, Nitte
16.02.2013	Key Note Lecture on "Solid Waste Management" at the National Conference on "Green Technologies on Conservation of Biodiversity" at Sri Ranganathar Institute of Engineering and Technology, Coimbatore.
21.12.2010	Invited Lecture on "Status Of Groundwater In The Coastal Karnataka Region Of South India : Impact Of Urban Exploitation On Quality And Resources" at the 1 st. International Ground water Symposium,

	organized by International Joint Education Program for Groundwater Environmental Leaders, Kumamoto University, Kumamoto, Central Kyushu, Japan
16.12.2009	Key Note Lecture on “Disposal Of Industrial Sludge By Immobilization In Building Materials” at the International Conference on Advances in Mechanical and Building Sciences in the 3 rd Millenium ICAMB-2009 at Vellore Institute of Technology on 16.12.2009.
13.06.2006	United States Educational Foundation in India - Indo-American Environmental Leadership Program – Environmental Conclave at Kochi, Kerala on 12-13 June 2006.
26.02.2006	Water and Waste water Treatment – Options for Recycling and Reuse, USEFI, Amrithsar
06.01.2006	E.I.A. for Water Resources – Short term course for PWD Engineers organized by the KERS, Mysore.
23.12.2004	E.I.A. for Infrastructure Projects - AICTE-ISTE STTP on Planning, Development & Management of Modern Urban Core Infrastructure Solutions for India, N.I.T.K. Surathkal.
22.03.2003	SEZ and EIA, One day workshop on “ Special Economic Zones” held in SDM Law College, Mangalore under the aegis of The National Law School University of India, Bangalore.
10.01.2003	Environmental Quality Laboratory and Latest Equipments, AICTE-ISTE STTP on Latest Trends in Engineering Geology and geotechnical Engineering, N.I.T.K. Surathkal.
09.01.2003	Remote Sensing Applications in Environmental Engineering, AICTE-ISTE STTP on Remote Sensing and GIS, N.I.T.K. Surathkal.
29.06.2002	Oppurtunities in Civil Engineering – NITK STEP.
22.01.2002	Remote Sensing Applications in Environmental Engineering, AICTE-ISTE STTP on Remote Sensing and GIS, N.I.T.K. Surathkal.
27.12.2001	Civil Engineering Aspects of Cashew Industry – KREC STEP.
22.12.2001	Alternate Technology for Control of Air Pollution – Technology, Cost & Incentives, One day workshop

		on “ Compliance of Environmental law by Industries” held in SDM Law College, Mangalore under the aegis of The National Law School University of India, Bangalore
	17.01.2001	Water Quality and E.I.A., AICTE-ISTE STTP on Hydrological Methods for Water Resources Assessment and Modeling.
	27.04.2000	Environmental Quality Laboratory and Latest Equipments, AICTE-ISTE STTP on Latest Trends in Engineering Geology and geotechnical Engineering and its Role in Developmental Projects, K.R.E.C. Surathkal
	13.11.1998	Water Quality Parameters and Instrumentation- AICTE-ISTE STTP on Hydrology for Engineers, K.R.E.C. Surathkal.
3. Workshop/Seminars Organized :	<i>Two Day Workshop</i> on “Action Plan for Sanitation”, Sponsored by NITK Surathkal, 17-18 March 2016	
	<i>Three Day Workshop</i> on “Mitigation of Disasters on Roads”, Sponsored by TEQIP-II NITK Surathkal, 15 Sep. to 17 Sep. 2014	
	<i>Two Day Workshop</i> on “Disaster Management and Community Resilience through UAV”, Sponsored by TEQIP-II NITK Surathkal, 28 Feb. to 01 March 2014	
	<i>Two Day Workshop</i> on Disaster Management of Floods and Consequences thereof in Coastal Region <i>and</i> Food and Water Security, 4-5 February 2013	
	Twenty Seventh National of Environmental Engineers, Institution of Engineers (India), Mangalore Local Centre, 24-25 January 2012	
	One day Workshop on “Research in Environmental Engineering” 3 rd. November 2006.	
	Five day workshop on “Low Cost Wastewater Treatment” for PWD Engineers, from 26 -30 June 2006.	
	National Conference on “Synergic Solutions for Sustainable Development – <i>Prescription for Prosperity</i> ” 28-30 December, 2005, N.I.T.K.Surathkal	
	. Half Day Seminar on “Green Cities” on the occasion of the World Environment Day on 07.06.2005, N.I.T.K. Surathkal.	
	Half Day Seminar on “ Legal Awareness and Policing in the New Millenium” on 24.12.1999, K.R.E.C. Surathkal.	
4. Chairs/ Co-Chair	1. International Conference on Emerging Trends in Engineering Science & Technology (ICETEST 2015) – Track: CEASIDE	

	<p>(Civil Engineering) – 10 December 2015 at Govt. Engg. College, Thrissur, Kerala</p> <p>2. National Conference on Modern Trends in Science and Technology “MTST – 2011”, October 15, 2011; M V Shetty Institute of Technology, Thodar, Mijar Post, Moodabidri – 574 225.</p> <p>3. 11th. National and 1st. International Conference on Technological Trends, Trivandrum, 25-27 November 2010</p> <p>4. 39th. ISTE Covention, NITKS on 20.12.2009</p> <p>5. ICAMB-2009, VIT on 16.12.2009</p>
5. Reviewer of Journals	<ol style="list-style-type: none"> 1. Elsevier Journal of Waste Management 2. Journal of Applied Water Science 3. Elsevier : Ground Water for Sustainable Development 4. Journal of the Institution of Engineers India -A 5. International Journal of Environment and Waste Management. 6. CLEAN - Soil, Air, Water (A Journal of Sustainability and Environmental Safety) 7. Member, Editorial Advisory Board, Manipal Journal of Science and Technology, Manipal University. 8. WST – Water, Science and Technology 9. IJBSR – International Journal of Biomedical Science Research, Academic Research Journal, USA, http://academeresearchjournals.org/journal/ijbsr. 10. IJEE – International Journal of Earth Science & Engineering 11. PJBS – Pacesetter Journal of Biological Sciences, www.pacesetteronlinepublishers.org/pjbs 12. AIMS Press (http://aimspress.com) 13. The Journal of Engineering Research, The Kuwait University. 14. EnvironmentAsia, Thailand 15. Japan Society of Water Environment 16. Springer Nature : Journal of Applied Water Science

LIST OF PUBLICATIONS

International Journals:

- 1) Vinod, N., Amba, S., Shrihari, S., (2022) "Estimation of Vertisols Soil Nutrients by Hyperion Satellite Data: Case Study in Deccan Plateau of India" Journal of the Indian Society of Remote Sensing, March 2022, <https://doi.org/10.1007/s12524-022-01535-6>
- 2) Vinod, N., Amba, S., Shrihari, S., (2021) "Spatial variability of vertisols nutrients in the Deccan plateau region of north Karnataka, India" Environment Development and Sustainability 23(3), 2910–2923.
- 3) Anand, D., Shrihari, S., Ramesh, H., (2020) "Predictive simulation of leachate transport in a coastal lateritic aquifer when remediated with reactive barrier of nano iron", Ground Water for Sustainable Development, 11, 1-12.
- 4) Vinod, N., Amba, S., Shrihari, S., (2020) "Characterization of spatial variability of vertisol micronutrients by geostatistical techniques in Deccan Plateau of India." India. Modeling Earth Systems and Environment, 6(1), 173-182.
- 5) Devika S L, Nimitha P, Venkatesh Mugannur and **Shrihari Surathkal** (2020) "Removal of Dyes and Iron using Eco-Friendly Adsorbents", Climate Impacts on Water Resources in India, Water Science and Technology Library book series (WSTL), Volume 95, pp 233-242
- 6) Anjali M.S., Poorani M., Shrihari S. and Sunil B.M, (2019) "Assessment of Ferrous Slag with Relevance to Physico-chemical Properties", Lecture Notes in Civil Engineering, Vol. 1., pp. 377 - 384; doi 10.1007/978-981-15-0990-2_30
- 7) Vinod Tamburi, Amba Shetty and Shrihari S. (2019) "Geostatistical Analysis on Spatial Variability of Soil Nutrients in Vertisols of Deccan Plateau Region of North Karnataka, India" International Journal of Mathematical, Engineering and Management Sciences, February, pp.283-295
- 8) Anjali, M. S., Shrihari, S. and Sunil, B. M.(2019) "Potential valorisation of ferrous slag in the treatment of water and wastewater: A review", J. Advances in Environmental Research, Vol. 8., pp. 55-69
- 9) Anjali, M. S., Shrihari, S. and Sunil, B. M.(2019) "Experimental studies of slag filter for drinking water treatment" J. Environmental Technology & Innovation, Elsevier, Vol. 15 (2019), pp. 1-13
- 10) Sheekha Subramani, Shrihari S, Manu B. and Babu Narayan K S. (2019) Evaluation of pyrolyzed areca husk as a potential adsorbent for the removal of Fe²⁺ ions from aqueous solutions" Journal of Environmental Management, Vol. 246, 345-354.
- 11) Divya Anand, Ramesh H. and Shrihari S (2018) "Comparison of Column and Batch Reactor for Remediation of COD of Leachate using Iron Nano Particle", Journal of Advanced Research in Dynamical and Control Systems, 15- Special Issue, pp. 220-223
- 12) Anupama and S. Shrihari (2018) "Triclosan Removal from Synthetic Wastewater by TiO₂/UV and O₃/UV Processes", IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT) e-ISSN: 2319-2402, p- ISSN: 2319-2399. Volume 12, Issue 3 Ver. II (March. 2018), pp. 17-20, www.iosrjournals.org
- 13) Saranya, N. Nakkeeran, E. Shrihari, S., Selvaraju, N.(2017) "Equilibrium and Kinetic Studies of Hexavalent Chromium Removal Using A Novel Biosorbent: Ruellia Patula Jacq" Arabian Journal for Science and Engineering, 42 (4), pp.1545 – 1557.

- 14) Sathis Kumar C.S. and Shrihari S. (2016) "Standardisation of Risk Assessment Process by Modifying the Risk Matrix", International Journal of Advance Research in Science and Engineering, www.ijarse.com, Vol.05, Special Issue 1, February, pp. 148-158..
- 15) Shrikant S Jahagirdar, Surathkal Shrihari, Basavaraju Manu (2015) "Reuse of Incinerated Textile Mill Sludge as Adsorbent for Dye Removal" KSCE Journal of Civil Engineering, www.springer.-com/12205; February, pp. 1-5.
- 16) Rahul S.Karale, Basavaraju Manu and S.Shrihari (2014),"Fenton and Photo-Fenton Oxidation Processes for Degradation of 3-Aminopyridine from Water", APCBEE Procedia 9 (2014) 25 – 29.
- 17) Shrikant S Jahagirdar, S. Shrihari, B Manu (2013) "Reuse of Textile Mill Sludge in Burnt Clay Bricks", International Journal of Advanced Technology in Civil Engineering (IJATCE), Vol. 2, Issue. 1, pp. 96 – 99.
- 18) Rahul Karale, Basavaraju Manu and S.Shrihari (2013) "Catalytic use of Laterite Iron for Degradation of 2-aminopyridine using advanced oxidation processes", International Journal of Scientific & Engineering Research Volume 4, Issue 5, May-2013, pp 207-210
- 19) Shrikant S Jahagirdar, S. Shrihari, B Manu (2013) "Utilization of Textile Mill Sludge in Burnt Clay Bricks" International Journal of Environmental Protection (IJEP), May. 2013, Vol. 3 Iss. 5, PP. 6-13.
- 20) Vinayak Patki, S.Shrihari, B. Manu and Paresh Chandra Deka (2013) "Fuzzy system modeling for forecasting water quality index in municipal distribution system", Urban Water Journal, Taylor & Francis Pub., Published Online August 2013.
- 21) Vinayak Patki, S.Shrihari, and Basavaraju Manu (2013) "Water Quality Prediction in Distribution System using Cascade feed Forward Neural Network", International Journal of Advanced Technology in Civil Engineering (IJATCE), Vol. 2, Issue. 1, pp. 84 – 91.
- 22) Rahul Karale, Basavaraju Manu, and S.Shrihari (2013) "Degradation of Toxic 2-Aminopyridine Harmaceutical Compound from Aqueous Environments using Advanced fenton and Photo-Fenton Oxidation Processes", International Journal of Advanced Technology in Civil Engineering (IJATCE), Vol. 2, Issue. 1, pp. 34 -38
- 23) Rajagopal Bhagyanagar, Babita M. Kawal, Gowdagere S. Dwarakish and Shrihari Surathkal (2012) "Land use/land cover change and Urban Expansion during 1983-2008 in the coastal area of Dakshina Kannada district, South India" Journal of Applied Remote Sensing, Vo. 6., Published online Sep. 2012
- 24) Shrikant Jahagirdar and Shrihari S. (2012) "Reuse Of Textile Mill Sludge In Cement Based Building Blocks" International Journal Of Engineering Research And Industrial Applications (IJERIA), August, Vol.5, No. III (August 2012), pp. 213-224
- 25) Shrikant Jahagirdar and Shrihari S. (2012) "Reuse Of Textile Mill Sludge In Cement Based Building Blocks" International Journal Of Engineering Research And Industrial Applications (IJERIA), August, Vol.5, No. III (August 2012), pp. 213-224
- 26) Anupama S., Rohith, and Shrihari, S. (2012) Hydrogen production from dairy manure by methanogenesis inhibited dark fermentation using chloroform, International Journal of Current Science, ISSN 2250-1770, Vol. 2, January, pp. 41-50.
- 27) Rohith, Anupama S. and Shrihari, S. (2011) "Hydrogen production from dairy manure by methanogenesis inhibited dark fermentation using carbon tetrachloride" International Journal of Current Science, ISSN 2250-1770, Vol. 1, October, pp. 98-106.

- 28) Basavaraju Manu, Mahamood S, Vittal H and Shrihari S (2011) "A Novel Catalytic Route to Degrade Paracetamol by Fenton process" International Journal of Research in Chemistry and Environment, Vol. 1, Issue 1, July, pp. 157-164
- 29) Santhosh M. Avannavar, Ravi kiran Mutnur and Shrihari, S. (2011) "E-Waste Management", Survival and Sustainability – Environmental Earth Sciences, Part B, SpringerLink, pp. 1433-1438.
- 30) B. Rajagopal, S. Shrihari and G. S. Dwarakish (2010) "Global Water Quality Indices for River Gurpur, Karnataka State, India" International Journal of Earth Sciences and Engineering, Vol.3, No.6, December, pp.833-840.
- 31) Sitaram Nayak , B. M. Sunil , S. Shrihari and P. V. Sivapullaiah (2010) "Interactions Between Soils and Laboratory Simulated Electrolyte Solution", Geotechnical and Geological Engineering Journal, Springer Netherlands, Published Online 15 May 2010
- 32) Virupakha, K., Shrihari, S., Madhyastha, M.N., and Babu Narayan, K.S (2009) "A New Diversity Index for Evaluation of Environmental Quality", International Journal of Environmental Research & Development, Vol.04, No.01, pp.254-257.
- 33) Sunil B.M, Sitaram Nayak,. and Shrihari, S. (2009) "Shear strength characteristics and chemical characteristics of leachate-contaminated lateritic soil" Engineering
- 34) Shrihari, S. and Rajesh Gratian D'Souza (2008) "Studies of Immobilization of Incinerated Ash in Concrete" International Journal of Environmental Research & Development, Vol.03, No.02, pp.421-426. Geology, Vol. 106(1), pp 20-25, Elsevier Pub.
- 35) Santosh M. Avannavar, B. S. Nanda Kumar, Raghunath Babu Are, S. Shrihari (2008) " Mobile Phones: An Anthropological Review of its Evolutionary Impact", Uluslararası Sosyal Araştırmalar Dergisi- The Journal of International Social Research, Volume 1/5 Fall 2008
- 36) Santosh M. Avannavar, S. Shrihari, Virupaksha K. (2007) "A Comparative study of different water quality indices for Netravathi River, South India", International Journal of Environmental Research and Development, Vol. 2 (2) October-December 2007, Bhopal, India
- 37) Sitaram Nayak, Sunil B.M. and Shrihari, S. (2007) "Hydraulic and compaction characteristics of leachate-contaminated lateritic soil" Engineering Geology, Elsevier Pub., Volume 94, Issues 3-4, 2 November 2007, Pages 137-144 .
- 38) Santhosh Awwannawar and. Shrihari, S. (2007) "E-Waste Management" Environmental Engineering and Management Journal, Vol. 6, No.4, Tech. University of Iasi, Romania. Pp.309 – 312.
- 39) Santhosh Awwannawar and. Shrihari, S. (2007) "Evaluation Of Water Quality Index For Drinking Purposes For River Netravathi, Mangalore, South India", Journal of Environmental Monitoring and Assessment", DOI 10.1007/s10661-007-9977-7, SpringerLink, Netherlands.
- 40) Santhosh Awwannawar and. Shrihari, S. (2007) "Determination Of Water Quality Deterioration At Pilgrimage Centre Along River Netravathi, Mangalore Using WQI Approach" Environmental Engineering and Management Journal, Vol. 6, No.2, Tech. University of Iasi, Romania., pp. 123-131
- 41) Sunil B.M., Sitaram Nayak, and Shrihari, S. (2007) "Effect of pH on the geotechnical properties of laterite." Engineering Geology, Elsevier Pub., Volume 85, Issues 1-2, 26 May 2006, Pages 197-203 .
- 42) Sunil B.M. and Shrihari, S. (2006) "Effect of pH on the Geotechnical Properties of Laterite", Journal of Environmental Geology, (Special Edition) Cardiff University Pub., Wales, U.K.

- 43) Sriniketan, G., Shrihari, S. and Pradeepan V.S. (2005) "Treatment of Domestic Wastewater in Up Flow Anaerobic Biofilters (using granite as packing material)", *Pollution Research*, 24(4) pp.27-31
- 44) Balamurali, C and. Shrihari, S. (2005) "Ground Water Pollution by Leachate – A Lab. Study", *Pollution Research*, 24 (3) : 641-646.
- 45) Bala Murali Krishna, C., R.K.Yaji and Shrihari, S..(2005) "Effect of Solid waste Leachate on the Chemical Characteristics of Lateritic Soil", *Pollution Research*, .24 (3): 493-498.
- 46) Subhash C.Yaragal and Shrihari, S.(2004) " Performance Evaluation of Sewage Treatment Plant – A Case Study", *Pollution Research*, 23(2) pp.311-315.
- 47) Sriniketan, G., Shrihari, S. and Pradeepan V.S. (2004) "Treatment of Domestic Wastewater by UASB System for Tropical Countries", *Pollution Research*, 23(2) pp.291-294.
- 48) Shrihari, S. and Raghavendra Kiran S. (2003) " Adsorption of Dissolved Iron on Laterite" *Pollution Research*, 22(4), pp. 507-510.
- 49) Shrihari, S. and Tare, V.(1989) "Anaerobic - Aerobic Treatment of Distillery Wastes", *Water, Air and Soil Pollution*, 43: 95-108, Kluwer Academic Pub.,Netherlands.

International Conferences:

- 1) Gopalakrishna,P., **Shrihari, S.** and Tare,V. (1990) " Series of Anaerobic attached and Aerobic Suspended Growth Treatment - A Performance Evaluation for Distillery Effluents " *Proc. Int. Conf. On Env. Man.-90*, 505-511, April, Roorkee.
- 2) **Shrihari, S.**(1996) Environmental Challenges in the Liberalised Industrial Context " *Int. Nat. Conf. on New Challenges for Civil Engineers in the 21 st. Century (NCCDC - 96)*, 1 st. and 2 nd. March., Jamia Millia Islamia, New Delhi.
- 3) **Shrihari, S.** and Ravishankar, A.U. (1997) "Transportation and Its Effects on Sustainable Development and Safety", *Int. Conf. on Civil Engg. for Sustainable Development- 1997*, University of Roorkee, Feb. 13 - 15.
- 4) **Shrihari, S.**, Subhas C. Yaragal and Babu Narayan K.S. (2000) "Role of Housing techniques in Sustainable Development", *World Congress on sustainable development, Institution of Engineers (India),Calcutta*, 20 - 23 January, 2000, pp. 426-429.
- 5) **Shrihari, S.**(2001) "Ground Water Pollution in Coastal Karnataka – a Case Study" *International Conference on Chemistry and Environment (ICCE-2001)*, 16-18 December, Indore, India.
- 6) **Shrihari, S.**(2003) " Reuse of Wastewaters from Thermal Power Plants" *WCPU GREEN POWER 4 - 4th International Conference on Sustainable Energy Development for Improved Quality of Life*, 16-17 October, 2003 at, Hotel Hyatt Regency, Bhikaji Cama Place New Delhi, India-110066.
- 7) **Shrihari, S.**, Pruthviraj, U. and Nagaraj, M.K. (2004) " Groundwater Contamination & Prevention in Lateritic Soils", *International Conference on Advanced Modeling Techniques for Sustainable management of Water Resources (AMTSMW-2004)*, January 28-30, 2004, Warangal, India.

- 8) **Shrihari, S.** and Sunil B.M. (2004) “Effect of Wastewaters on the Geotechnical Properties of Laterite”, 4 th. B.G.A. Conference on Geo-Environmental Engineering, Cardiff, U.K., 28-30 June 2004.
- 9) **Shrihari, S.** (2006) “ Water and Wastewater Treatment : Options for Water Reuse and Recycling” Invited paper presented at the United States Educational Foundation in India - Indo-American Environmental Leadership Program Sixth IAELP International Workshop on “Water Saving Technologies” February 22 – 24, 2006, Amritsar (Punjab), India.
- 10) **Shrihari, S.** (2007) “Environmental Concerns For a Typical fast Developing Indian City : Mangalore”, Presented at the UPE 7, the 7 th. International Conference on Urban Planning and Environment – World Class Cities: Environmental Impacts and Planning Opportunities?, Bangkok, Thailand, 3 – 5 January 2007.
- 11) Srinivasa Rao, N.S., **Shrihari, S.** and Nagaraj, M.K. (2007) “Sensitivity Analysis of Water Distribution Network”, Proc. 6 th. International Conference on Sustainable Development of Water and Energy Resources – Needs and Challenges, 13 – 16 February 2007, Lucknow, Uttar Pradesh, India.
- 12) Prasanna Kumar and **Shrihari, S.** (2007) “Estimation And Material Flow Analysis Of Waste Electrical And Electronic Equipment (Weee) -A Case Study Of Mangalore City, Karnataka, India” International Conference on Sustainable Solids Waste Management, Anna University, Chennai, India, 5 –7 September.
- 13) D’Souza, R.G. and **Shrihari, S.** (2007) “Disposal of Incinerator Ash by adding to Concrete” International Conference on Sustainable Solids Waste Management, Anna University, Chennai, India, 5 –7 September.
- 14) **Shrihari, S.** and Nagaraj, M.N. (2007) “Analysis Of Water Supply Distribution Network For Additional Loads – A Case Study” World Congress on Urban Infrastructure in Developing Countries, New Delhi, November 12 – 16, 2007.
- 15) Rajagopal B, **Shrihari S.**, and Dwarakish G S. (2007), “Near-shore sea water quality at Surathkal beach” International Conference on Environmental Management: Scenario and Strategies to 2020 (EMASS-2020), Ujjain Engineering College, Ujjain(M.P) December 26-27 2007.
- 16) Rajagopal B, **Shrihari S.**, and Dwarakish G S. (2007), “Study of water quality at Pilikula lake, Mangalore”, International Congress on Environmental Research (ICER-07) Geethanjali PG College, Bhopal December 28-30, 2007.
- 17) **Shrihari S.**, (2008) “ E-Waste Management in Developing Countries – A Case Study of Mangalore, India” , International Conference on Waste – The Social Context’08, Edmonton Waste Management Centre of Excellence, Edmonton, Alberta, Canada, 11 – 15 May 2008.
- 18) Virupakha, K., Babu Narayan, K.S., **Shrihari, S.**, and Mandhyastha, M.N. (2008) “ A New Index for Evaluation of Environmental Quality”, Proc. International Congress on Environmental Research, ICER-08, Goa, Dec.18-20.
- 19) **Shrihari, S.** and Rajesh Gratian D’Souza (2008) “Reuse of Incinerated Ash in Concrete”, Proc. International Congress on Environmental Research, ICER-08, Goa, Dec.18-20.

- 20) Srinivasa Rao, N.S., **Shrihari, S.** and Nagaraj, M.K. (2010) “Significance of Sensitivity Analysis in maintenance of Water Treatment Plant”, ‘EWRI’s 3 Developing Nations Conference - INDIA 2010 - 3 rd. International Perspective on Current and Future State of Water Resources and the Environment’, January 5-7, Chennai, India.
- 21) Arti Soni, Atul Ayare and **Shrihari, S.** (2010) “Modeling of Dispersion of Aerosols using Fixed Box Model with special reference to Foundry Industries – A Case study of Kolhapur City”, Proc. International Conference on Convergence of Science & Engineering in Education and Research – A Global Perspective in the New Millenium ICSE -2010”, Dayanand Sagar College of Engineering, Bangalore.
- 22) **Shrihari S.** (2010) “Status Of Groundwater In The Coastal Karnataka Region Of South India : Impact Of Urban Exploitation On Quality And Resources” 1 st. International Ground water Symposium, organized by International Joint Education Program for Groundwater Environmental Leaders, Kumamoto University, Kumamoto, Central Kyushu, Japan, 21 December 2010.
- 23) Rahul Karale, Basavaraju Manu and **S.Shrihari** (2013) “Fenton and Photo-Fenton Oxidation Processes For Degradation of 3-Aminopyridine From Water”, 5 th International Conference on Chemical, Biological and Environmental Engineering, APCBEE Procedia 00 (2013) 000–000, Science Direct,
- 24) J Sunil Kumar and **S. Shrihari** (2013) “Carbon Footprinting of Cement Industry”, Proceedings of the International Conference on Impact of Climate change on Food, Energy and Environment, Elsevier Pub., pp 95-99
- 25) Rahul S.Karale, Basavaraju Manu, **S.Shrihari** and Navaneeth M.T. (2014) “Harnessing laterite soil as an iron source to catalyze fenton process to degrade the mixture of halopyridine pharmaceutical compounds in water bodies” Proc. International Conference on Harnessing Technology - **ICHT 2013**
- 26) Sruti Pillai, Anju Eizbath Peter, Sunil B.M., and **Shrihari S.** (2014) “Soil Pollution near a Municipal Solid Waste Disposal Site in India”, Proceedings of International Conference on Biological, Civil and Environmental Engineering (BCEE-2014), March 17-18, 2014 Dubai (UAE), pp. 157 – 161.
- 27) Arun Balan and **Shrihari S.** (2015) "EMA of an Institute of Technology - A Case Study", ASCE - International Conference on Sustainable Energy and Built Environment, VIT Vellore, 12-13 March 2015.
- 28) Srawya Lanka and **Shrihari S.** (2015), “Assessment Of The Environmental Impacts Of The Nethravati River Diversion Project” Proceedings of the 2nd International Conference on Innovative Research in “Mechanical, Electrical, Electronics, Civil, Computer Science and Information Technology” (MECIT-2015), 22-23 August 2015, JNU New Delhi.
- 29) Syra Habeeb and **S. Shrihari** (2016) “Upgradation of Rural Township in India to a Smart City”, 5th International Engineering Symposium - IES 2016, March 2-4, 2016, Kumamoto University, Japan
- 30) Amrutha Sudhakar N. and Shrihari S.(2016) “Feasibility and Cost based analysis of LEED V4” International Conference on Structural Engineering and Construction Management, March 28 & 29, 2016, Mar Athanasius College of Engineering, Kothamangalam, Kerala.

- 31) Amrutha Sudhakara N. and Shrihari S.(2016) “Cost of Green in LEED V4” International Conference on Emerging and Sustainable Technologies for Infrastructure Systems (ESTIS 2016), April 22nd & 23rd 2016, Department of Civil Engineering, Amritha University, Kochi.
- 32) Anjali M.S., **Shrihari S.** and Sunil B.M. (2016) Application of Ferrous Slag in the Treatment of Water and Wastewater: A Review, International Conference on Systems, Energy and Environment (ICSEE 2016), Aug. 5-6, 2016, Government College of Engineering, Kannur, Kerala, India, pp 110-114
- 33) Divya Anand, **Dr. S. Shrihari** and Dr. Ramesh H. (2016) A review paper on groundwater contamination due to migration of leachate from landfill, International Conference on Systems, Energy and Environment (ICSEE 2016), Aug. 5-6, 2016, Government College of Engineering, Kannur, Kerala, India, pp 111-115
- 34) **Shrihari S** (2016) “Environmental Issues in the Urbanization of a Small Smart City - A Case Study of Mangaluru, India”, Proc. 2 nd. International Conference on Geographies of Health and Living in Cities: Making Cities Healthy for All, 21-24 June 2016, Hong Kong, China.
- 35) Divya Anand, Ramesh H.and **Shrihari S** (2018) "Modeling of the transport of leachate contaminant in a landfill site: A case study in mangaluru", Proceedings of the International Conference in Emerging Trends in Engineering, Science and Technology for Society, Energy and Environment, ICETEST 2018, Pages 185-190.
- 36) Devika S L, Nimitha P, Venkatesh Mugannur and **Shrihari Surathkal** (2018) Removal of Dyes and Iron using Eco-Friendly Adsorbents”, Proc. International Conference on Sustainable Technologies for Intelligent Water Management (STIWM-2018), Indian Institute of Technology Roorkee February16-19, 2018.
- 37) Divya Anand, Ramesh H.and **Shrihari S** (2018) "Study of Groundwater Contamination due to Landfill Leachate in Mangaluru, India", Proc. International Conference on Sustainable Technologies for Intelligent Water Management (STIWM-2018), Indian Institute of Technology Roorkee February16-19, 2018.
- 38) Kotreshi B. H. and **Shrihari S** (2018) “Management of Temple Solid Waste in India by Vermicomposting using Eisenia Fetida” Proc. RECYCLE 2018 -2nd International Conference on Waste Management, February 22-24, 2018, IIT Guwahati, India.
- 39) Anjali M. S., Poorani M., **Shrihari S.** and Sunil B. M. (2018) “Assessment of Ferrous Slag with relevance to Physico-chemical Properties” Proc. RECYCLE 2018 -2nd International Conference on Waste Management, February 22-24, 2018, IIT Guwahati, India.
- 40) Divya Anand, Ramesh H.and **Shrihari S** (2018) "Comparison of Column and Batch Reactor for Remediation of COD of Leachate using Iron Nano Particle", International Conference on Recent Advancements in Engineering and Technology, iCORETech-2018, LBS College of Engineering, Kasargod, Kerala, 18-19 December 2018.
- 41) Vinod T.N., Amba Shetty and **S. Shrihari** (2018) “Geostatistical Analysis of Vertisols Micronutrient-A Case Study in Gulbarga Taluka, Karnataka”, International Conference on Construction, Real Estate, Infrastructure and Project Management (ICCRIP– 2018), Pune. India., November 23-25, 2018, pp. 49-56

- 42) Suraj Gupta, **Shrihari S.** and Azoni A (2019) “Estimation of Green House Gases from NITK Campus”, International Conference on Smart Cities Model (ICSCM-2019), IIT Madras, Chennai, 20-21 January 2019.
- 43) Anjali M. S., **Shrihari, S.** and Sunil, B. M. (2019). “Use of Ferrous Slag as a media for the Removal of Water Pollutants.” International Conference (TMSF-2019) at Don Bosco College of Engineering, Fatorda, Goa, India, Page 30, (October 31- November 1) 2019.
- 44) Hemalatha K., Anjali M. S. and **Shrihari, S.** (2019). “The use of blast furnace slag for the removal of iron from water.” International Conference (TMSF-2019) at Don Bosco College of Engineering, Fatorda, Goa, India, Page 29, (October 31- November 1) 2019.
- 45) Poorani M, **Shrihari S,** and Sunil B M .(2019) “Valorization of Slag from Steel Industry” International Conference "Trending Moments and Steer Forces" - Civil Engineering Today” Don Bosco College of Engineering, Fatorda, Goa, October 31st & 1st November 2019.
- 46) Kalay Tesfaye Berhe,, Sunil B.M., and **S. Shrihari** (2020). Challenges of Eco-friendly Solid Waste Disposal in Ethiopia: The Case of Hawassa Industrial Park. Proceedings of the Geoenviromet-2020 Conference, February 17–21, 2020 (pp. 228–234). New Delhi, IN: Network of Experts and Resources for Subsurface Investigations and Remediation of Contaminated Sites (NERCS).
- 47) Kalay Tesfaye Berhe,, Sunil B.M., and **S. Shrihari** (2020). Ecohydrological based Industrial Wastewater Treatment: The case of Cheleleka wetland system in Ethiopia. Proceedings of Peer-reviewed Abstracts the ASCE India Conference, March 2-4, 2020 (pp. 165–166). Kolkata, IN: Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies (CRSIDE).
- 48) Sheeka Subramani B, S Shrihari, B Manu and K S Babu Narayan (2020) “Usage potential of arecahusk as adsorbent in Water treatment, 3rd International Conference on Waste Management RECYCLE 2020, February 13-14, 2020, IIT Guwahati, India, pp.77.
- 49) Vinod T.N., Amba Shetty and **S. Shrihari** (2021) Spatial Variability of Organic Carbon and Soil pH by Geostatistical Approach in Deccan Plateau of India, Proc. International Conference on Advances in Construction Technology and Management (ACTM-2021), 11-12 March 2021, College of Engg. Pune.
- 50) Anupama C. and **S. Shrihari** (2021) Green Synthesis of Zinc Oxide Nanoparticles and Study of its Adsorptive Property in Azo dye Removal, Proc. International Conference on Advances in Construction Technology and Management (ACTM-2021), 11-12 March 2021, College of Engg. Pune.
- 51) Krishnaraj K. and **S. Shrihari** (2021) Seasonal and Lockdown Effects on Air Quality in Metro cities of India, Proc. International Conference on Advances in Construction Technology and Management (ACTM-2021), 11-12 March 2021, College of Engg. Pune.

Indian Journals:

- 1) **Shrihari,S.** and Ramesh, N. (1988) " Environmental Aspects of Ground water Management " Ecology, Vol.3 , No. 5, pp. 16-18.

- 2) **Shrihari, S.** and Bhargava, D.S. (1992) " Variation Effects of Benthic Sludge Depth on Oxygen Consumption in Overlying waters " Indian Journal of Environmental Health , NEERI, Nagpur, Vol.34. Jan., pp. 20-27.
- 3) **Shrihari, S.** and Bhargava, D.S. (1992) " Variation in Oxygen Consumption in Simulated Streams due to Benthic Sludge Decomposition Rate Constant", Indian Journal of Environmental Health, NEERI, Nagpur, Vol.34. April, pp. 93-102.
- 4) **Shrihari, S.** and Bhargava, D.S. (1992) " Variation Effects of Height of Overlying waters and Depth of Benthic Sludge on Oxygen Consumption in Streams ", Indian Journal of Technology, CSIR, Vol. 30 July , pp. 331- 335.
- 5) **Shrihari, S.** and Venkatesh, (1993) " Water Quality of River Gurupur ", K.R.E.C. Research Journal, K.R.E.C. Surathkal, India" , Vol.2, No.2, pp.3 - 6.
- 6) **Shrihari, S.** and Bhargava, D.S. (1995) " Effect of Benthic Sludge on Oxygen Concentration in Streams ", Indian Journal of Engineering and Materials Sciences, Vol.2., Dec., pp. 268 - 272.
- 7) **Shrihari, S.** (1995) " Kinetics of Benthic Sludge Stabilisation", K.R.E.C. Research Journal, K.R.E.C. Surathkal, India" , Vol.5, No.2, pp.7 -17.
- 8) **Shrihari, S.**(1996) " BOD Contribution by Benthic Sludge in Rivers -A Review", Special Pub. on Environmental Pollution, Vol.1, SDM College of Engg. & Tech., Dharwad, India, pp. 111-116
- 9) **Shrihari, S.**(1999) " Problems of Sewage Treatment in Mangalore City", K.R.E.C. Research Journal, K.R.E.C. Surathkal, India" , Vol.8, No.2, pp. 1 - 3.
- 10) Vijayanthi Gulve, **Shrihari, S.** and Subhas C. Yaragal, (1999) "Performance of Sewage Treatment Plant at New Mangalore Port Trust, Panambur ", K.R.E.C. Research Journal, K.R.E.C. Surathkal, India" , Vol.8, No.2, pp. 4 - 8.
- 11) **Shrihari, S.** and Bhargava, D.S. (2000) " Organics and Nutrients Contributions by Benthic Sludges under Continuously Accumulating Conditions", Journal of the Institution of Engineers (India), Environmental Engg. Section, Vol.81, Sep., pp. 1-7.
- 12) Sunil B. Malegole and **Shrihari, S.** (2001) " Ground Water Quality in Dakshina Kannada (D.K.) and Udupi Districts" K.R.E.C. Research Journal, K.R.E.C. Surathkal, India" , Vol.10, No.1, pp. 20 - 25.
- 13) Sunil B. Malegole and **Shrihari, S.** (2001) " Biological Contamination of Well Water in D.K. and Udupi Districts" K.R.E.C. Research Journal, K.R.E.C. Surathkal, India" , Vol.10, No.2, pp.1 - 3.
- 14) Sunil B. Malegole and **Shrihari, S.** (2002) " Low pH Phenomena in Ground Waters of D.K. and Udupi Districts" K.R.E.C. Research Journal, K.R.E.C. Surathkal, India" , Vol.11, No.1.
- 15) Bhargava, D.S. and **Shrihari, S.** (2003) " Nutrient Contributions by Benthic Sludge Deposits – Part I : Literature, Experimentation and Discussion of Nutrients in Benthic Sludge Layers" Journal of the Institution of Public Health Engineering, Vol 2003, No3, pp 41 – 52.
- 16) Bhargava, D.S. and **Shrihari, S.** (2004) " Nutrient Contributions by Benthic Sludge Deposits – Part II : Variations of Nutrients Contribution in Top Layers with Flow rates of Overlying Waters, with Depth of Benthic Sludge and with Ratio of Overlying Water Height to Sludge Depth" Journal of the Institution of Public Health Engineering, Vol 2004, No 1, pp 41 – 46.
- 17) Sunil B.M and. **Shrihari, S.** (2003) "Effect of Wastewaters on the Geotechnical Properties of Laterite", K.R.E.C. Research Journal, K.R.E.C. Surathkal, India.
- 18) G. Srinikethan, Shrihari S. and Pradeepan V.S. (2004) "Treatment of Domestic Wastewater by UASB System for Tropical Countries", Pollution Research, 23 (2) pp. 291-294

- 19) Avannavar, S.M. and **Shrihari, S.** (2005) "E-Waste Management", NITK Research Bulletin, Vol.14, No.2, pp.7-9, NITK Surathkal, India.
- 20) G. Srinikethan, Shrihari S. and Pradeepan V.S. (2005) "Treatment of Wastewater in upflow anaerobic biofilters using granite as packing material", Pollution Research, pp. 27-31.
- 21) G. Srinikethan, Shrihari S. and Pradeepan V.S. (2005) "Treatment and Reuse of Wastewater by anaerobic biofilters", Pollution Research, pp. 781- 784.
- 22) **Shrihari,S.** and Bhargava, D.S. (2006) "Effect of Initial Biodegradable Organic Content of Benthic Sludge Deposits on Oxygen Consumption in Streams", Journal of Indian Association for Environmental Management, NEERI,Nagpur,Vol.33. No.3, pp. 168-173.
- 23) Bhargava, D.S. and **Shrihari, S.** (2007) " B.O.D. Contributions by Benthic Sludge Deposits:1 Effects of Operating Sludge-Related Characteristics " Journal of the Institution of Public Health Engineering, Vol 2007-08, No3, pp 49 – 65.
- 24) Bhargava, D.S. and **Shrihari, S.** (2007) " Deoxygenation – Reoxygenation Models in Benthic Sludges" Journal of the Indian Water Works Association, Vol XXXIX, No3, pp 209 – 223.
- 25) Pradeep Kumar, J., Babu Narayan K.S., Subhash Yaragal C., and **Shrihari, S.** (2007) "Carrying Capacity of River Gurupur at Malavoor for Disposal of Domestic Waste of Bajpe Town – A Case Study" , NITK Research Bulletin, Vol.16, No.2, pp 49.
- 26) G. Srinikethan, Shrihari S. and Pradeepan V.S. (2007) "Treatment of Domestic Wastewater by Association of upflow anaerobic biofilters", Pollution Research, pp. 183-187.
- 27) Bhargava D S, and **Shrihari S** (2008) " BOD contribution by benthic sludge deposits part-1 : effect of sludge characteristics", Indian J envir Prot 2008, 28(7), 577-98.
- 28) Bhargava D S, and **Shrihari S** (2008) "BOD contribution by benthic sludge deposits-part II : effect of stream characteristics" Indian J envir Prot 2008, 28(7), 599-616.
- 29) Sriniketana, G., **Shrihari, S.**, and Pradeepan, V.S. (2008) "Effect of Media Characteristics on Performance of Upflow Aerobic Biofilters", Journal of Environmental Science and Engineering, Vol. 50, No. 1, pp 75-82, January 2008.
- 30) Babu Narayan K.S., Pradeep Kumar, J., Subhash Yaragal C., and **Shrihari, S.** (2009) "Feasibility of Gurupur River at Malavoor as a Sink for Bajpe Town Domestic Waste Disposal– A Case Study" , Poll. Research, Vol. 28, No.2, pp 313-319.
- 31) Devendra S. Bhargava, and **S. Shrihari**, (2010) " Nutrient Contributions by Benthic Sludge Deposits" Journal of Environmental Science and Engineering, Vol 51, No 4, pp 295 – 310.
- 32) Bhargava, D.S. and **S. Shrihari**, (2010) " BOD Contribution by benthic sludges: Effect of Operating Overlying Water related Characteristic", Indian Journal of Environmental Protection, 30(2), pp. 89-103
- 33) **S. Shrihari** and D. S. Bhargava, (2011) "Energy and Conservation for Pollution Free Environment" Our Earth – Quarterly Journal of Ecology and Environment Management, Vol 8, No 2, pp 23- 25.
- 34) Bhargava, D.S. and **S. Shrihari**, (2011) " Benthic sludge Stabilization in the River Ganga at Kanpur - Part 1", Indian Journal of Environmental Protection, 31(9), pp. 705-713.
- 35) Bhargava, D.S. and **S. Shrihari**, (2010) " Benthic sludge Stabilization in the River Ganga at Kanpur - Part 1", Indian Journal of Environmental Protection, 31(10), pp. 793-800
- 36) Sanjeeb Mohapatra, Mrityunjay Basankopp and **Shrihari S.** (2012) " Public Perception and Response to Traffic Noise induced Annoyance : A Case study at Mangalore, India", NITK Research Bulletin, Vol. 21, No.2, Dec., pp 39-50.

- 37) Rahul Karale, Basavaraju Manu and **S.Shrihari** (2013) “ Treatment Options for Pharmaceutical Wastewater Containing Toxic Pyridine Compounds: A Review”, NITK Research Bulletin, Vol 22, No 1, Jul 2013, pp 42-52.
- 38) Srawya Lanka and **S.Shrihari** (2015),"Assessment Of The Environmental Impacts Of The Nethravati River Diversion Project", Journal of Civil Engineering and Environmental Technology, Vol. 2, No. 15, pp. 28 – 32.
- 39) **S. Shrihari** (2016) “Valorization of Waste Sludge”, Manipal Journal of Science and Technology, Volume 1, Issue 1, June 2016, pp. 38-44.
- 40) **S. Shrihari** (2017) “Coastal Reservoirs for Augmenting Drinking Water Sources - Environmental Impacts on Sand Deposition”, Journal of Indian Geological Congress, Volume 9 (2), Special Volume, December, pp. 89-93.

Indian Conferences :

- 1) **Shrihari,S.** (1988) " Environmental Awareness - Need for a Realistic Approach " Proc.51 st. Nat.Con.I.P.H.E., Calcutta,June.
- 2) **Shrihari,S.** and Bhargava ,D.S. (1989) " Sediment Oxygen Requirements " Proc. 69 th. Annual Con. Inst. Eng (I),U.P.State Center, Lucknow, Dec.,pp. 69-81.
- 3) Anand Bhat, Saikrishna and **Shrihari,S.**(1991) "Down flow Stationary Fixed film Reactors with Laterite Base for Treatment of Low strength Domestic Waste water". Proc. 7 th. Nat. Con. Env. Engg., I.E.(I), Mangalore, October.
- 4) **Shrihari,S.** and Bhargava, D.S. (1991) " Benthic Sludge Deposits - Hidden Pollutants in Riverine Ecosystems ", 6 th. Indian Engg. Congress, Pune, December.
- 5) **Shrihari,S.,**Bhargava, D.S., Tyagi,B., and Gakkar (Mrs.) (1991) "Ecology in Environmental Modelling ", 6 th. Indian Engg. Congress, Pune,December.
- 6) **Shrihari,S.** and Bhargava, D.S.(1991)" Rational Approach for Emmission Standards " Nat. Sem. Polln. Cont., Govt. Coll.eg of Engg., Ujjain., December.
- 7) **Shrihari,S.,**Sheldarkar S.B., and Bhargava, D.S. (1991) " Low Cost Phosphate Removal by TNSAC " Nat. Sem. Polln. Cont., Govt. College of Engg., Ujjain., December.
- 8) **Shrihari,S.,** and Bhargava ,D.S.(1992) " Effects of Benthic Sludge on Oxygen Consumption in Streams" ,8 th. Nat. Con. Env. Engrs., I.E.(I).
- 9) **Shrihari,S.** and Bhargava, D.S. (1993) " Energy and Conservation for Pollution Free Environment " Proc. 9 th Nat. Con. Env. Engrs. I.E.(I), Jaipur,November.
- 10) **Shrihari,S.** (1994) " Community Involvement in water Supply Schemes " National Proc. Seminar on Water & Environment, 1 st. Dec., Thiruvananthapuram.

- 11) **Shrihari,S.** (1996) " Role of Educational Institutions in Environmental Management", Proc. National workshop on Environmental Management of Industrial Operations in the Core Sector, 17-18 May,1996, K.R.E.C.Surathkal.
- 12) **Shrihari, S.**(1997) " Industrial development - Its Impact on Coastal Ecosystem, Proc. National seminar on Environmental Pollution, KLE's CE&T,Belgaum India, April. 12 - 13.
- 13) **Shrihari, S.**(1998) " Air Pollution and Climatic sensitiveness, Proc. National Conference on Recent Advances in Civil Engg.,KVG CE, Sullia, India, March.
- 14) **Shrihari, S.**and Nagaraj M.K. (1998) " Use of Petro Chemical Effluents for Irrigation, Proc.Water World - 1998, REC Tiruchirapalli India, March.
- 15) **Shrihari, S.** and Nagaraj, M.K. (2000) " Effect of Sub-surface Irrigation Recharge Factor on Ground Water" Proc. HYDRO- 2000 National Conference on Recent Advances in Hydraulics and Water Resources Engg., REC Kurukshetra, India, Oct. 6-8.
- 16) **Shrihari, S.,** Nagaraj, M.K. and Subhas C.Yaragal (2001) "Effect of Lateritic Soil on Waste Water Disposal by Land Treatment Systems", Proc. RAWM 2001 National Conference on Recent Advances in Waste Management, IAEM, Nagpur and IT, BHU, Varanasi, India, Feb. 23-25.
- 17) **Shrihari, S.,** Subhas C.Yaragal and Nagaraj, M.K. (2001) "Ground Water Quality Monitoring – a Case Study" Proc. HYDRO- 2001, National Conference on Recent Advances in Hydraulics and Water Resources Engg., CWP&RS, Pune, India, December 6-8.pp. 142-145.
- 18) **Shrihari, S.,** and Subhas C.Yaragal (2002) "Performance Evaluation of Sewage Pumping Station, New Mangalore Port Trust, Mangalore – A Case Study " Proc. HYDRO- 2002, National Conference on Recent Advances in Hydraulics and Water Resources Engg., I.I.T.Mumbai,India, December 16-17., pp. 495-496.
- 19) **Shrihari, S.,** Subhas C.Yaragal and Nagaraj, M.K. (2002) "Bio Remediation To Improve Ground Water Quality in Coastal Karnataka", 17 th. Indian Engineering Congress, I.E.(I), Patna, India, December 19 – 22, 2002.
- 20) Sunil B.M., Srinivas Rao and **Shrihari, S.,** (2002) "Geotechniques of Waste Management", Proc. IGC-2002., Allahabad, India. Pp. 128-130.
- 21) Virupaksha K., Madhyastha M.N., and **Shrihari, S.** (2004) "Monitoring the Effect of Thermal Discharge on Reservoir Siltation" Proc. Indian Environmental Congress, 16 – 18 December, 2004, Thiruvananthapuram, India.
- 22) Rajesh Gratian D'Souza and **Shrihari, S.** (2004) "Incinerator Ash-A Resource for Reuse" Proc. Indian Environmental Congress, 16 – 18 December, 2004, Thiruvananthapuram, India.
- 24) Pradeepan V.S. **Shrihari, S.** and Sriniketan, G., (2004) "Treatment and Reuse of Domestic Wastewater by Anaerobic Biofilters – A Sustainable Solution (using granite as packing material)", Proc. National Workshop on Water Reuse & Recycling for Sustainability, 4 December 2004, AEC Bhatkal.

- 25) Sunil, B.M. and **Shrihari, S.** (2005) “Effects of pH on the Geotechnical Properties of Laterite” Proc. of the National Conference on Geotechnics in Environmental Protection, M.N.N.I.T., Allahabad, 9-10 April, 2005.
- 26) D’Souza R. G. and **Shrihari, S.** (2005) “Utilization of Incinerator Ash as Substitute in Building Construction Materials” Proc. of the National Conference on Geotechnics in Environmental Protection, M.N.N.I.T., Allahabad, 9-10 April, 2005.
- 27) Moses Ravindranath, Z. and **Shrihari, S.** (2005) “Potential for the use of Geosynthetic Clay Liners (GCL) in Waste Management” Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.Surathkal, 28-30 December.
- 28) Rajesh G.D’Souza and **Shrihari, S.** (2005) “Incinerator Ash as an Additive for Building Materials” , Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.Surathkal, 28-30 December.
- 29) Nagaraj M.N. and **Shrihari, S.** (2005) “Improvements to Existing Water Supply Distribution Network – Mangalore – a Case Study”, Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.Surathkal, 28-30 December.
- 30) Sunil B.M. and **Shrihari, S.** (2005) “Ground Water Pollution in the Coastal Region of Karnataka - a Case Study”, Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.Surathkal, 28-30 December.
- 1.6 31) Bala Murali Krishna, C., R.K.Yaji and **Shrihari, S.**(2005) “Soil Chemical Characteristics near Municipal Solid Waste Disposal Site at Vamanjoor”, Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.-Surathkal, 28-30 December.
- 32) Santosh M.Avvannavar, **Shrihari, S.** and Virupaksha K.(2005) “Evaluation Of Water Quality Index of the River Netravathi” Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.Surathkal, 28-30 December.
- 33) Muralidhar S.K. and **Shrihari, S.** (2005) “Monitoring and Impact Evaluation of Treated Watersheds Using Satellite Remote Sensing and Geographical Information System” , Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.Surathkal, 28-30 December.
- 34) Anjali N. Paithankar, **Shrihari, S.** and Jayakumar, S. (2005) “Numerical Modeling Of Oil Spills Off Goa, India” Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.Surathkal, 28-30 December.
- 35) **Shrihari, S.** Dwarakish, G.S. and Rajagopal, B.(2005) “Remote Sensing and GIS for Sustainable Development of India”, Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity”, N.I.T.K.Surathkal, 28-30 December.
- 36) Srinivasa Rao, N.S., **Shrihari, S.** and Nagaraj, M.K. (2005) “System Analysis in Water Distribution Network for Small Town and Rural Villages”, Proc. National Conference on Synergic Solutions for Sustainable Development – Prescription for Prosperity, N.I.T.K.Surathkal, 28-30 December.

- 37) **Shrihari, S.** (2006) “Curriculum Development and R & D Activities through IAELP”, Fulbright IAELP “Environmental Conclave” at Kochi, India on 12-13 June 2006.
- 38) Sunil B.M., **Shrihari, S.**, K.S.Babu Narayan and Subhash C. Yaragal (2006) “ Environmental Impact And Management Strategies During Highway Construction Projects”, National Conference on Environmental Conservation – 2006”, September 01- 03, BITS Pilani, India.
- 39) Virupaksha, K., Madhyastha, M.N. and **Shrihari, S.** (2006) “Effect of the Thermal Discharge on Spatial Distribution of Macroinvertebrate Community in a Reservoir”, National Conference on Environmental Conservation – 2006”, September 01- 03, BITS Pilani, India.
- 40) **Shrihari, S.**, G.S.Dwarakish and B.Rajagopal (2006) “ Remote Sensing and GIS for EIA”, National Conference on Environmental Conservation – 2006”, September 01- 03, BITS Pilani, India.
- 41) B.Rajagopal, G.S.Dwarakish and **S.Shrihari** (2006) “Spatial and Aspatial Data for Natural Disaster Mitigation and Management in India: an Overview” Goa.
- 42) Srinivasa Rao, N.S., **Shrihari, S.** and Nagaraj, M.K. (2006) “ Indirect Method for Identification of Corrosion Parameters in Pipelines using Sensitivity Analysis”, Proc. National Congress on Corrosion Control (NCCI), Mangalore, 12 – 14 October, 2006.
- 43) Srinivasa Rao, N.S., **Shrihari, S.** and Nagaraj, M.K. (2007) “ Role of Peak factor on the Hydraulic Performance of Water Distribution Network”, Proc. HYDRO – 2007 National Conference on Hydraulics and Water Resources, 20 – 21 December 2007, pp 531 - 537.
- 44) Nandinikumari, V., Srinivasa Rao, N.S., and **Shrihari, S.** (2008) “Application of Sensitivity Analysis Water Treatment Plant – A Case study”, Proc. National Seminar on Water Supply & Recycling of Waste Water Management – Material & Equipment, IPHE, Kolkata, 08 March 2008, pp 64 - 74.
- 45) Srinivasa Rao, N.S., **Shrihari, S.** and Nagaraj, M.K. (2008) “Concept Of Sensitivity Analysis For Maintenance Of Water Distribution Networks” National Seminar “Water Vision 2030” Indian water Works Association, Nagpur, 24-25 December 2008.
- 46) Nandakumar S.* and Dr. S.Shrihari (2009) “Surveillance of Treated Water Supply: A Case Study in Mangalore city”, Civil Engineering Conference Innovations without Limits - CEC– 09, 18-19 September, NIT Hamirpur.
- 47) Shrihari, S. (2010) “Suitability Of Lateritic Soil For Improvement Of Ground Water Quality” National Conference on “Sustainable Water Resources Management SWaRM-2010”, NITK Surathkal, 7-9 January, 2010.

- 48) B.Rajagopal, **S. Shrihari**, and G.S.Dwarakish (2010) “Determination of Global Water Quality Indices for River Nethravati, South India” National Conference on “Sustainable Water Resources Management SWaRM-2010”, NITK Surathkal, 7-9 January, 2010.
- 49) B. .Rajagopal, **S. Shrihari**, and G.S.Dwarakish (2010) “Use of Remote Sensing to Study the Impact of Industrialization on Land Resources” National Conference on Emerging Trends and Applications in Computer Science, nctacs²⁰¹⁰, Shillong, 9-10 April.
- 50) Sharma A., Ch. S.N.Murthy and **Shrihari S.** (2012) “Imapct of Mining Activities on Ground water Table – a study on the Quantitative Impacts using Modeling Techniques” Proceedings of the Twenty Seventh National Convention of Environmental Engineers, The Institution of Engineers (India), Mangalore, 24-25 January, pp. 59.
- 51) Shrikant Jahagirdar and **Shrihari S.** (2012) “Reuse of Textile Mill Sludge as Building Material” Proceedings of the Twenty Seventh National Convention of Environmental Engineers, The Institution of Engineers (India), Mangalore, 24-25 January, pp. 62.
- 52) Sumathi Selvaraj, M.N.madhyastha, **Shrihari S.**, and G.S. Bharadwaj (2012) “ Phytoremediation of Terated CETP Effluent using Floating Hydrophytes” Proceedings of the Twenty Seventh National Convention of Environmental Engineers, The Institution of Engineers (India), Mangalore, 24-25 January, pp. 69.
- 53) Vinayak Patki, **S.Shrihari** and B.Manu (2012) “Soft Computing for water Quality Assessment and Prediction” Proceedings of the Twenty Seventh National Convention of Environmental Engineers, The Institution of Engineers (India), Mangalore, 24-25 January, pp. 77.

- 54) Manas N and **Shrihari S.** (2018) “Role of Building Information Modeling in Passive Solar Design of Sustainable Buildings”, Proc. 34th National Convention of Architectural Engineers & National Seminar on Architectural Engineering for Socio-economic Development, The Institution of Engineers (India), Mangaluru, India, November 24-25, 2018.