



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

10. Subjects taught :	<p>(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.)</p>
	<p>(ii) Surveying</p>
	<p>(iii) Materials of Construction</p>
	<p>(iv) Building Design & Drawing</p>

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
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	-Water quality management for pesticides contamination Environmental Impact Assessment Geo-environmental Engineering
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12. Publications Total : 148 (List Given in Appendix)	International Journals	Indian Journals	International Conferences	National Conferences
	37	30	27	54

13. 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	Design, Fabrication and Testing of	2005 – 2006	2 Years	15.00	Completed

		Dr. Suresh Verghese	Personal Cascade Impactor for Occupational Particulate Matter Exposure Measurement				
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

14. 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

15. a) Consultancy Projects	a) 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) Undertaken survey works of Mangalore Air port runway extension, Mysore Paper Mills effluent pipe line project (13 Km) etc. using Sokkia Total Station.
	c) Third Party inspection of Water Treatment plant for Udupi Zilla Panchayath.
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.

16. 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 Engineering
	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) Campus Representative, U.S. Education Foundation in India.
	b) Faculty in-charge of the I.I.P.Cell, 2000 - 2006.
	c) Incharge of the Environmental Engg. Laboratory since 1987.
	d) Responsible for the modernization and removal of Obsolescence in Environmental Engg. laboratories.
	e) Involved in all testing and consultancy works related to Environmental Engineering.

17. Number of Books and other Educational materials developed: (Attach list)	
Three	<p>1. Synergic Solutions for Sustainable Development, Published by Research Pub. Online, Chennai</p> <p>2. Laboratory Manual “Analytical Methods in Environmental Engineering”.</p> <p>3. Significance of Sensitivity Analysis in Maintenance of WTP – Published by Lambert Academic Publishing, Mauritius.</p>

18. Guidance of students Projects/Dissertation:

B.E.	M.Tech.	Ph.D.
18	63	16 (Nine awarded)
<p>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 Bombay.</p> <p>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</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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 :Mutucumaru Sivakumar, University of Wollongong, NSW 2522, Australia.</p>		

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.

19. Participation in College Activities: (Curricular, Cocurricular, extracurricular, administrative, etc

i) Coordinator, Unnath Bharath Abhiyan Theme - Sanitation

ii) Coordinator, Centre for Diasater Risk Reduction, NITKS

iii) Campus Representative, U.S. Education Foundation in India.

iv) Member, Research Council for Science and Technology Programmes (RC-ETP), Kerala State Council for Science, Technology and Environment (KSCSTE) for 2010-2013.

v) Member, Board of Studies in Civil Engineering, Manipal Institute of Technology, MU.

vi) Secretary, K.R.E.C. Students Co-operative society, from April 2005 to March 2007. Director from March 2007 - 2012.

vii) Co-ordinator, for refurbishment of Seminar Halls, E-Classrooms and Furniture, TEQIP

viii) Chairman, Volunteers Committee, XVII National Conference on IC Engines and Combustion, December, 2002

ix) Faculty in-charge of the I.I.P.Cell, 2000 - 2006.

x) 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.

xi) 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.

xii) Councilor, IGNOU Study Center, N.I.T.K. Surathkal for BTCM and BTWRE Courses.

xiii) Associate N.C.C. Officer from 1996 to 2001.

xiv) N.S.S. Program Officer for the year 1995-1996.

xv) Member of the expert committee for “Swajala Dhara Yojana” in Udupi District.

xvi) Member of the Executive Committee of the K.R.E.C. Teachers Association, in 1993-94, 1999-2000

xvii) Laboratory in-charge for Environmental lab. Since 1984, upto 2010.

xviii) Represented the college at the review meetings for the M.H.R.D. projects in Thrust areas (Environmental Engineering)

xix) Involved in all the purchases made to the Environmental Engineering Lab.

xx) Participated in the district level Quiz competition for teachers organized by the Rotary Club of Mangalore.

20. Awards / Recognitions, if any:

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,	
	ii. Member, expert Committee for “Swajala Dhara Yojana” in Udupi district.	
	iii. 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	
	iv. 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 Lectures at :	17.03.2015	Talk on "Disaster Risk Reduction" at Continuing Medical Education Program on Disaster Management - Planning, Preparedness and Rspnse" 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>Three Day Workshop on “Mitigation of Disasters on Roads”, Sponsored by TEQIP-II NITK Surathkal, 15 Sep. to 17 Sep. 2014</i>	
	<i>Two Day Workshop on “Disaster Management and Community Resilience through UAV”, Sponsored by TEQIP-II NITK Surathkal, 28 Feb. to 01 March 2014</i>	
	<i>Two Day Workshop on Disaster Management of Floods and Consequences thereof in Coastal Region and Food and Water Security, 4-5 February 2013</i>	
	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	<ol style="list-style-type: none"> 1. International Conference on Emerging Trends in Engineering Science & Technology (ICETEST 2015) – Track: CEASIDE (Civil Engineering) – 10 December 2015 at Govt. Engg. College, Thrissur, Kerala 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. 3. 11th. National and 1st. International Conference on Technological Trends, Trivandrum, 25-27 November 2010 4. 39 th. ISTE Covention, NITKS on 20.12.2009 5. ICAMB-2009, VIT on 16.12.2009
5. Reviewer of Journals	<ol style="list-style-type: none"> 1. WST – Water, Science and Technology 2. IJBSR – International Journal of Biomedical Science Research, Academic Research Journal, USA, http://academeresearchjournals.org/journal/ijbsr. 3. IJEE – International Journal of Earth Science & Engineering 4. PJBS – Pacesetter Journal of Biological Sciences, www.pacesetteronlinepublishers.org/pjbs 5. AIMS Press (http://aimspress.com)

LIST OF PUBLICATIONS

International Journals:

- 1) **Shrihari, S.** and Tare, V.(1989) "Anaerobic - Aerobic Treatment of Distillery Wastes", Water, Air and Soil Pollution, 43: 95-108, Kluwer Academic Pub.,Netherlands.
- 2) **Shrihari, S.** and Raghavendra Kiran S. (2003) “ Adsorption of Dissolved Iron on Laterite” Pollution Research, 22(4), pp. 507-510.
- 3) 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.
- 4) Subhash C.Yaragal and **Shrihari, S.**(2004) “ Performance Evaluation of Sewage Treatment Plant – A Case Study”, Pollution Research, 23(2) pp.311-315.
- 5) 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.
- 6) Balamurali, C and. **Shrihari, S.** (2005) “Ground Water Pollution by Leachate – A Lab. Study”, Pollution Research, 24 (3) : 641-646.
- 7) 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.
- 8) 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.
- 9) 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 .
- 10) 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._
- 11) 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.
- 12) 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.

- 13) 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 .
- 14) Santosh M.Avvannavar, **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.
- 15) Santosh M.Avvannavar, B. S. Nanda Kumar, Raghunath Babu Are, **S.Shrihari** (2008) " Mobile Phones: An Anthropological Review of its Evolutionary Impact", *Uluslararası Sosyal Arastirmalar Dergisi- The Journal of International Social Research*, Volume 1/5 Fall 2008
- 16) **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.
- 17) Sunil B.M, Sitaram Nayak,. and **Shrihari, S.** (2009) "Shear strength characteristics and chemical characteristics of leachate-contaminated lateritic soil" *Engineering Geology*, Vol. 106(1),pp 20-25, Elsevier Pub.
- 18) Virupaksha, K., **Shrihari, S.**, Mandhyastha, 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.
- 19) 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.
- 20) Umapiya R., and **S. Shrihari** (2010) "Pathogen Removal under the Influence of Iron" *World Academy of Science, Engineering and Technology*,6, 69, pp 968-982.
- 21) 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.
- 22) 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.
- 23) Basavaraju Manu, Mahamood S, Vittal H and **Shrihari S** (2011) "A Novel Catalytic Route to DegradeParacetamol by Fenton process" *International Journal of Research in Chemistry and Environment*, Vol. 1, Issue 1,July, pp. 157-164.
- 24) 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.
- 25) 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.

- 26) 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
- 27) 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
- 28) 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
- 29) 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.
- 30) 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.
- 31) 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.
- 32) 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
- 33) 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.
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