

# Curriculum Vitae



NAME : Dr M. Srimurali  
Designation : Professor  
Age and Date of Birth : 58 Years, 17-07-1963  
Address for Correspondence : Prof. M. Srimurali  
Department of Civil Engineering  
S.V.U. College of Engineering  
Tirupati, Chittoor (District). A.P., India  
Email: [msrimurali@gmail.com](mailto:msrimurali@gmail.com); Mobile: 09603078920

## ACADEMIC QUALIFICATIONS:

S.No	Name Degree	Year of Passing	Specialization	University
1	Ph.D.	March 2003	Civil Engineering with Specialization in Environmental Engineering Thesis : "A Study on Color removal from textile Dye waste by Chemical Coagulation"	SVU
2	M.Tech	1991	Civil Engineering with Specialization in Environmental Engineering	SVU
3	B.Tech	1985	Civil Engineering	SVU

## EXPERIENCE:

Designation	Institution	Period
Professor of Civil Engg (rejoined after lien)	S.V. University, Tirupati	13-6-11 to till date.
Principal (on lien)	Visvodaya Engg. College, Kavali	12-6-08 to 12-06-2011
Professor of Civil Engineering	S.V. University, Tirupati	Nov.2007 to 11-06-2008
Associate Professor in Civil Engineering	S.V. University, Tirupati	March 2002 to Nov.2007
Assistant Professor in Civil Engineering	S.V. University, Tirupati	Sept.30 <sup>th</sup> 1992 to March 2002
Asst. Executive Engineer	P.H. & M.E. Dept. Govt. of A.P.	Sept. 1989 to Sept. 1992
Junior Engineer	APSRTC, undertaking of Govt. of A.P.	Jan. 1987 to July 1989

## AWARDS RECEIVED:

- 1 Excellent article prize for the year 1998 from Indian Water Works Association for the published work "Aquafarming Penaeid Shrimps – Some observed influence on the Environment" on February 11<sup>th</sup> 1999 at Lucknow.

- 2 “Best Citizens of India Award” by international publishing House, New Delhi for academic Excellence.

### AREAS OF INTEREST:

**Teaching** : Basic courses in Environmental Engineering for under graduate program. In addition, taught Surveying, Estimation and Specifications, Building Planning Design and Drawing and Mechanics of Solids.

Advanced Water Supply Engineering, Solid Waste Management, Environmental Microbiology and Environmental Impact Assessment courses for post-graduate program.

**Research** : Color Pollution Control, Application of Physicochemical processes for Treatment of Water and Wastewater, Impact of Aquaculture, Aquaculture Wastewater Treatability Studies, Bioremediation and Defluoridation Studies.

### RESEARCH GUIDANCE:

**M.Tech. Thesis** (completed) : **32**

1. Removal of Color and COD from textile effluents using Natural and Chemical Coagulants (2019).
2. A Study on Vermi-composting of Organic Waste at Tirupati (2019).
3. Prediction of NO<sub>2</sub>, SO<sub>2</sub> and PM<sub>10</sub> Concentrations in Ambient Air using Artificial Neural Networks and ANFIS (17-18).
4. Adsorptive Removal of Hexavalent Chromium by using Wood Charcoal and modified wood Charcoal (17-18).
5. Modeling of Dispersion of SPM, SO<sub>2</sub> and NO<sub>x</sub> for Visakhapatnam Steel Plant using AERMOD Dispersion Model (17-18).
6. Treatment of Domestic Wastewater by Typha angustifolia based vertical Sub-surface flow constructed wetland with hydric and sandy loam substrates( 2016-17)
7. Pollutant reduction of municipal wastewater by croton based horizontal flow constructed wetland with Red and Sandy loam substrates( 2016-17)
8. Disinfecting sleeves of a Currency Wallet: Synthesis and Analysis of its Anti-bacterial behavior( 2016-17)
9. Modeling for Prediction of SPM, NO<sub>x</sub> and SO<sub>2</sub> from Emissions of a Cement Factory Using AERMOD Dispersion Model. (2016).
10. A Study on Domestic Wastewater Treatment by Pilot- Scale Constructed Wetlands (2016).
11. Prediction of PM10 & SO<sub>2</sub> concentration in the Ambient Air using Artificial Neural Networks (2015).
12. Prediction of Nitrogen Dioxide & Ozone concentration in the Ambient Air using Artificial Neural Networks (2015).
13. Decolourization of Reactive Dyes by Aerobic Submerged Fixed Bed Bio-Film Reactors in an Upflow Continuous Regime Using *Nocardia sps* (2014).
14. Removal of Colour from Reactive Textile Dye Wastes by Preformed Floccs(2013).
15. A study on colour removal from textile dyestuffs by preformed Floccs(2007)

16. Strategical New Approach to Incineration of Chromium Containing Tannery Solid Waste and Solidification / Stabilization of bottom Ash (2007).
17. A Comprehensive Study on Functioning, Analysis, Treatment and Design of Effluent Treatment plant of a Sheet metal fabrication Industry (2007)
18. Remediation of Alkaline Soils by Using Industrial Wastes (2006).
19. Effects of Grey dye waste on Properties of Clay and Red Gravel Soils (2006).
20. Performance Studies on Anaerobic Submerged fixed Bed Bio-Film Reactors For Treatment of Dairy Wastewater in an Upflow Continuous Regime.(2006)
21. Performance Studies on Aerobic Submerged fixed Bed Bio-Film Reactors For Treatment of Dairy Wastewater in an Upflow Continuous Regime.(2006)
22. Air quality Monitoring of Tirupati town (2005).
23. Removal of colour from Textile dyestuffs by Electro Coagulation and Chemical Coagulation (2004).
24. Regional Soils for Retention of Chemical Contaminants (2004).
25. Experimental Investigation on Effects of Inorganic Chemicals on Properties of Tirupati Soils (2004)
26. Investigation on the use of Sodium Metabisulphite for Reduction of Hexavalent Chromium and Precipitation with Calcium Hydroxide (2004).
27. Removal of Colour from Textile Dyestuffs by Chemical Coagulation and Oxidation (2003)
28. A Study on Colour Removal from Direct Dyes by Fungi (2002).
29. A Study on Colour Removal from Reactive Dyewastes by Chemical Coagulation (2000).
30. A Study on Colour Removal from Sulfur, Reactive and Basic Dyestuffs by Chemical Treatment (1998).
31. A Study on Colour Removal from Acid Dyestuffs by Chemical Treatment (1997).
32. A Study on Removal of Fluorides from Water using Low-cost Materials and Activated Alumina (1995).

**B.Tech. Project Works (Completed): 31**

1. Transforming a Conventional building into a Green Building(2020-21)
2. Design of a Green Building(2020-21)
3. Augmentation of water Supply to Srikalahasthi from K.P.Canal(2019-20)
4. Integrated Rural development Plan Proposals For Thatneri Village(2019-20)
5. Groundwater quality assessment of Tirupati City (2018-19)
6. Assessment of Groundwater quality of Kadapa City (2018-19)
7. Design of wastewater treatment plant for Rashtriya Sanskrit Vidyapeetha University, Tirupati (2016-17)
8. Siting Sanitary Landfill using GIS for Chittoor District(2016)
9. Design of Waste water Treatment Plant for Sri Padmavathi Mahila Viswavidhyalam Tirupathi(2015).
10. Traffic Volume Studies and Signal Design Using VISSIM (2014).
11. Design of Wastewater treatment Plant for S.V.University (2013)
12. Design of Green residential Buildings (2012)
13. Augmentation of water supply to Puttur from GNSS Canal (2008).
14. Integrated rural development plan proposals for Pandurangavari palle (2007)
15. Assessment of Ground water quality of Nellore City (2006)

16. Integrated Rural Development Plan Proposal for Bopparajupalle Village (2006).
17. Conveyance and Treatment of Kumara Dhara-Pasupu dhara water for Tirumala.(2005)
18. Assessment of Groundwater Quality of Puttur (2004).
19. Augmentation of Water Supply to Renigunta Town from Mangalam Water Treatment Plant (2004).
20. Monitoring of Ground Water Quality of Piler Town (2004).
21. Integrated Rural Development Plan Proposal for Ganeswarapuram Village (2003).
22. Integrated Rural Development Plan Proposal for Kuntrapakam Village (2002).
23. A Study on Groundwater Quality of Rural Tirupati (2001).
24. Rural Development Proposals: Case Study of Tanapalle (2000).
25. A Study on Ground Water Quality of Rural Tirupati (1998).
26. A Study on Ground Water Quality of Urban Tirupati (1998).
27. Collection and Treatment of Wastewater for Srikalahasti Town (1997).
28. Supplementation of Water Supply to Tirumala from proposed Akasa Ganga Dam (1996).
29. Augmentation of Water Supply to Tirupati from Telugu Ganga canal (1996).
30. Management of Liquid and Solid Wastes of S.V.Univeristy (1996).
31. Augmentation of Water Supply to Urban Tirupati for the year 2011 (1994).

**FDPs and Training Programmes attended: 17**

1. One day National workshop on “Precast Construction Technologies” Organized by SVU College of Engineering (under TEQIP-III 1.3), Tirupati during 7<sup>th</sup> March, 2020.
2. Two day workshop on “Innovations and Patents” Organized by SVU College of Engineering (under TEQIP-III 1.3), Tirupati during November 27-28, 2019
3. Two day workshop on “Audit& Legal Aspects of Administration” Organized by SVU College of Engineering (under TEQIP-III 1.3), Tirupati during November 15-16, 2019.
4. Faculty Development Programme on “Pedagogy, Accreditation, Research and Entrepreneurship” organized by ESCI, Hyderabad, at Port Blair, Andaman and Nicobar Islands, during 22nd -23rd, November, 2016
5. Workshop on “Outcomes Based Education and Accreditation for the Senior Faculty Members” being organized by NBA, New Delhi at IIT, Chennai on 12.11.2016.
6. Work shop on “Cloud and Computing (CNC-2015)” organized by Centre for Nanotechnology, Andhra University College of Engineering, Andhra University (Under TEQIP Phase –II-CoE), Vishakhapatnam on 18<sup>th</sup> December 2015.

7. Work shop on “Intellectual Property Rights (IPR)”, organized by ESCI, The Institution of Engineers (India) and SVU College of Engineering (under TEQIP – II-1.2), Tirupati during November 18-20, 2015.
8. Short Term Course on “ Geotechnical and Environmental Aspects of Closure/ Remediation of Waste Dumps and Contaminated Sites” organized by Department of Civil Engineering, Indian Institute of Technology (IIT)(under TEQIP-II ), Delhi during November 03-05, 2015.
9. Two week training program on “Yoga & Meditation” Organized by SVU College of Engineering (under TEQIP-II), Tirupati during August 15-28, 2015.
10. Work shop on “15<sup>th</sup> Management Capacity Enhancement Program” by IIM, Lucknow, Nodia Campus, Nodia, 24-28 August 2015.
11. Coordinators Workshop on Environmental Studies on “Continuous Education & Quality Improvement Programme (CE & QIP)”, Organized by Indian Institute of Technology (IIT) Bombay during March 23-27, 2015.
12. A Two – Day Seminar on “A-Z Technological Solutions For Solar Power Utilization And Business Opportunities” , 3<sup>rd</sup> – 4<sup>th</sup> March 2015 organized by Ritchie Technocrats Private Ltd. Hyderabad.
13. Work shop on “Quality Initiatives in Technical & Higher Educational Institutions (In compliance with NBA&NAAC Accreditation)” by Engineering Staff College of India, Hyderabad, 08-10<sup>th</sup> October, 2014.
14. Faculty Development Program on “Intellectual Property Rights” organized SVUCE& TCS Ltd, Tirupati under TEQIP-II, 8<sup>th</sup> July 2014
15. Work shop on “Environmental Impact Assessment (EIA) Process and Procedures (As per MoEF)” by ni-msme (National Institute for Micro, Small and Medium Enterprises”, Hyderabad, 25-27 June 2014.
16. Industry – Institute program on “Developing Employability skills among students- Industry Perspective” by SVUCE & TCS Ltd, Tirupati under TEQIP – II 1.2, 27<sup>th</sup> July 2013.
17. Workshop on “Networking Activities under TEQIP-I”, 25<sup>th</sup> -26<sup>th</sup> September 2006 at Hyderabad organized by SPFU.

#### **Conferences/ Workshops/Training Programs Conducted: 14**

1. Webinar on “A Path for Higher Education in Abroad and India” by Dr. Thejesh kumar Garala, Research Fellow, UK on 20<sup>th</sup> September, 2020 by Placement Cell, SVUCE, Tirupati under TEQIP-III.
2. Webinar on “How to land your dream job?” by Dilli Babu N, Founder and CEO, nVipani Technology Solutions Private Limited , Bangalore, on 27<sup>th</sup> September, 2020 by Placement Cell, SVUCE, Tirupati under TEQIP-III.

3. A two day National Conference on “Emerging Technologies in Civil Engineering”, by SVUCE, Tirupati under TEQIP-III, 22-23 February 2019.
4. Conducted Expert Guest lecture Program on “Internet of Things (IoT),” on 30<sup>th</sup> July 2016 under TEQIP-II 1.2.
5. Conducted Expert Guest lecture Program on “Recent Trends in IT Industry.” on 2<sup>nd</sup> July 2016 under TEQIP-II 1.2.
6. Workshop Coordinator for Two – Week ISTE STTP on “Environmental Studies” under the National Mission on Education through ICT (MHRD, Government of India), 2<sup>nd</sup> June – 12<sup>th</sup> June 2015 conducted by IIT Bombay.
7. Conducted Faculty Development Program on “Student Outcome based Engineering Education for Enhanced Employability” by SVUCE, Tirupati under TEQIP-II, 5<sup>th</sup> January 2013.\
8. APPCB sponsored one day Environmental workshop on “Climate Change – Implications”, 25<sup>th</sup> January 2011.
9. APPCB sponsored one day Environmental Awareness program on “Air Pollution and Control Systems”, 18 March, 2010.
10. Conducted Guest lecture Program on “Parameter Estimation using Genetic Algorithms, and Comparison of Genetic Algorithms and Conventional Optimization.,” on 25<sup>th</sup> Jan 2007 as part of Networking Activity under TEQIP-I.
11. National Conference on “Environmental effects on Civil Engineering Structures”, 14-15 July, 2006.
12. Conducted practical Training Programme on Wastewater and Lake Sediment Analysis during 27<sup>th</sup> Nov to Dec 2006 for HUDA Engineers.
13. National Conference on “Appropriate Technologies for Industrial Pollution Control and Environmental Management”, 22-23 November 2002
14. In association with other members, conducted a Training Programme in Industrial Pollution Monitoring for ISO 14001” during 27- 30<sup>th</sup> June 1997 for the personnel of M/s Indo National Ltd, Madras.

## **PUBLICATIONS:**

### **Technical Books: Book Chapter Publications**

1. Vivek Vardhan C.M., **Srimurali M.** (2020) “*Utilization of Rice Husk Ash for Defluoridation of Water*”. In: Ghosh S., Saha P., Francesco Di M. (eds) Recent Trends in Waste Water Treatment and Water Resource Management. **SPRINGER**, Singapore, [https://doi.org/10.1007/978-981-15-0706-9\\_21](https://doi.org/10.1007/978-981-15-0706-9_21), Print ISBN: 978-981-15-0705-2, Online ISBN: 978-981-15-0706-9
2. Vivek Vardhan C.M., **Srimurali M.** (2020) “*Development of a Low-Cost Column Type Filter Based on Agricultural Waste for Removal of Fluoride from Water*”. In: Ghosh S., Saha P., Francesco Di M. (eds) Recent Trends in Waste Water Treatment and Water Resource Management. **SPRINGER**, Singapore. [https://doi.org/10.1007/978-981-15-0706-9\\_11](https://doi.org/10.1007/978-981-15-0706-9_11), Print ISBN:978-981-15-0705-2, Online ISBN:978-981-15-0706-9.
3. N.Munilakshmi and **M. Srimurali** (2009), “*Sustainable Development – Biotechnology as a Tool*”, Ethics and Environment, A. Ranga Reddy (Ed.), Mittal Publications, New delhi, India.
4. **M. Srimurali** and J.Karthikeyan (1999), “*Treatment of textile dye wastes for colour removal by chemical treatment (Coagulation)*”, Advances in Wastewater Treatment Technologies, P.K. Goel (Ed.), Technoscience Publications, Jaipur, India.

### **International Journals (Published): 36**

1. A. Nithin Kumar, V.R. Uma, V. Vamsi Krishna Reddy, J. Karthikeyan, **M. Srimurali** and K.Sandeep Kumar (2018), “Performance Evaluation of Sewage Treatment Plant” International Journal of Engineering Research in Mechanical and Civil Engineering(IJERMCE), Vol 3,Issue 4, ISSN (online) 2456-1290, Doi No: 01.1617/vol5/iss4/pid 32810.
2. K. Sudha and **M. Srimurali** (2018), “Prediction of NO<sub>2</sub>, SO<sub>2</sub> and PM 10 Concentrations in ambient air using Artificial Neural Networks and ANFIS” International Journal of Engineering Research in Mechanical and Civil Engineering(IJERMCE), Vol 3, Issue 2, ISSN(online) 2456-1290, Doi No: 01.1617/vol5/iss2/pid 98752.
3. C.M. Vivek Vardhan & **M. Srimurali** (2018), “Preparation of lanthanum-impregnated pumice for defluoridation of water: Batch and Column experiments” Journal of Environmental Chemical Engineering, [doi.org/10.1016/j.jece.2018.01.016](https://doi.org/10.1016/j.jece.2018.01.016), 858-865

4. E. Sanjeeva Rayudu, **M. Srimurali**, K. Venkaiah (2018), "A Study on Macronutrients of Alkaline Soils by Using Pressmud", International journal of Scientific Research and Review, Vol 7, Issue1, 2018. ISSN No; 2279-543X.
5. Madan Mohan Reddy.K., **Srimurali,M**, Bhaskar. M(2017), Synthesis and Mechanical Properties of Calcium Sulfoaluminate Cements by using Different Raw materials, International journal of Innovations in Engineering and Technology(IJIET) Vol.8, issue 3, 72-75
6. Ravipati Krishna Reddy, **M. Srimurali** and V. Sampath Kumar Reddy(2016), Prediction of Nitrogen Dioxide and Ozone Concentrations in the Ambient Air Using Artificial Neural Networks for Hyderabad City, Pollution Research, Vol.35(4):2016, 855-860
7. C.M. Vivek Vardhan & **M. Srimurali** (2016), Removal of fluoride from water using novel sorbent lanthanum-impregnated bauxite, Springerplus, DOI 10.1186/s40064-016-3112-6.
8. G. Chandrakanth, **M. Srimurali**, C.M. VivekVardhan (2016), "A Study on Domestic Wastewater Treatment by Pilot-Scale Constructed Wetlands", Published in International Journal of ChemTech Research, ISSN: 0974-4290 Vol.9, No.6, pp 376-383.
9. B. Tejaswini, **M. Srimurali**, & V. Sampath Kumar Reddy (2016), "Modeling For Prediction Of SPM, NO<sub>x</sub> And SO<sub>2</sub> from Emissions of A Cement Factory Using AERMOD Dispersion Model", Published in International Journal of Civil Engineering (IJCE), ISSN(P): 2278-9987; ISSN(E): 2278-9995, Vol. 5, Issue 4, Jun - Jul 2016; 33-44.
10. V. Sampath Kumar Reddy, **M. Srimurali** & B. Polaiah (2016), "Prediction Of PM<sub>10</sub> And SO<sub>2</sub> Concentrations in Ambient Air Using Artificial Neural Networks for Hyderabad", International Journal of Civil Engineering (IJCE), ISSN(P): 2278-9987; ISSN(E): 2278-9995, Vol. 5, Issue 3, Apr - May 2016; 1-10.
11. D.S. Sudheera, **M.Srimurali**, K. Madan Mohan Reddy, P. Uma Maheswari Devi (2015), "Decolourization of Reactive Yellow by Using Nocardiasps in an Upflow Aerobic Submerged Fixed Bedbio-Film Reactor", Published in International Journal of ChemTech Research, ISSN: 0974-4290 Vol.8, No.7, pp 326-329.



12. D.S. Sudheera, **M.Srimurali**, K. Madan Mohan Reddy, P. Uma Maheswari Devi, B. Chakravathi (2015), "Evaluation Of Media Performance In Decolourization Of Reactive Yellow Dye Using Nocardia Sps In An Upflow Aerobic Submerged Fixed Bed Bio-Film Reactor" International Journal of Civil Engineering (IJCE) ISSN(P): 2278-9987; ISSN(E): 2278-9995 Vol. 4, Issue 6, Oct - Nov 2015, 59-66.
13. C.M. Vivek Vardhan and **M.Srimurali** (2015), " Defluoridation of Drinking Water using a Novel Sorbent: Lanthanum – Impregnated Green Sand" , Published in International Journal Desalination and Water Treatment, (2015) 1-11, ISSN:1944-3994.
14. Sanjeeva Rayudu E, **Srimurali M**, Venkaiah K (2014), "Improvement in Micro-nutrients of Alkaline Soils using Industrial wastes for Agricultural Purpose" published in International Journal of Applied Environmental Science, PP:2987-3004, Volume-9, Number 7, ISSN No:0973-6077.
15. Madan Mohan Reddy.K, **Srimurali M**, Bhaskar.M (2014), "Studies on Synthesis And Mechanical Properties of Calcium Sulfoaluminate Cement by Using Marbal Waste Powder as a Raw Material" published in International Journal of Advanced information Science and Technology(IJAIST), PP:29-31, Volume-25, issue-25, May 2014, ISSN No:2319:2682.
16. Sanjeeva Rayudu E, **Srimurali M**, Venkaiah K (2014), "Remediation of alkaline soils by using industrial wastes" published in International Journal of Civil Engineering and Environmental Engineering, PP:1223-233, Volume-25, May 2014, ISSN No:1701-8285.
17. Sanjeeva Rayudu E, **Srimurali M**, Venkaiah K (2014), "Application of Pressmud for Improvement in Pysical Properities of Alkaline Soils" published in International Journal of Engineering and Management Research, PP:223-227, Volume-4, Issue-2, Aprial 2014, ISSN No:2250-0758.
18. Sanjeeva Rayudu E, **Srimurali M**, Venkaiah K (2014) "A Study on Micro-Nutrients of Alkaline Soils by using paddy husk ash", Published in American Journal of Environmental Engineering 2014, 4(3), 41-45, p-ISSN: 2166-4633 e-ISSN: 2166-465X, 2014; 4(3): 41-45, doi:10.5923/j.ajee.20140403.01.
19. Anand kumar varma S., **M Srimurali**, Vijaya Kumar Varma S.(2014) "Prediction of Ground Level Concentrations of Air Pollutants using

- Gaussian model, Rayalaseema Thermal Power Project, Kadapa, A.P., India”. Energy and environmental engineering (Horizon Research Publishing, USA). May 2014, Vol 2 Issue 4, ISSN: 2331-6306 (Print) ISSN: 2331-6330 (Online) (peer-reviewed, EBSCO, cross-ref) DOI: 10.13189/eee.2014.020402
20. Anand kumar varma S., **M Srimurali** (2014) “Emission Inventory for Criteria Pollutants of a Thermal Power Plant”. Journal of Civil & Environmental Engineering (OMICS Group of publication, USA). January, 2014, ISSN: 2165-784X (peer-reviewed, EBSCO, cross-ref) DOI: 10.4172/2165-784X.1000135
21. S. Anand Kumar Varma, S. Vijaya Kumar Varma and **M Srimurali** (2013) “Evolution of Wind Rose Diagrams for RTTP, Kadapa, A.P., India” Volume 2, Issue 13 (Dec 2013), PP 150-154
22. S. Anand Kumar Varma and M. **Srimurali** (2013) “Concentration of Nitrogen Dioxide Estimation from Modeled NOX of a Thermal Power Plant”, IOSR Journal Of Environmental Science, Toxicology And Food Technology (IOSR-JESTFT) e-ISSN: 2319-2402, p- ISSN: 2319-2399. Volume 6, Issue 3 (Sep. - Oct. 2013), PP 08-11
23. N. Vijayakumar Raju, **M. Srimurali** and K. Nagenrdaprasad (2013) “Clayey Soils for Retention of inorganic Chemical contaminants”, Research Journal of Engg. And Tech, ISSN: 0974-2824, Volume 6, Issue 3 (July-Sep 2013), PP 14-22
24. S. Anand Kumar Varma, K.R. Manjula and **M. Srimurali** (2013) “Ozone pollution in India due to power plant emissions” in International Journal of Scientific Research, Vol. 2, Issue 5, May 2013, pp12-13, ISSN 2277-8179
25. N. Munilakshmi, **M.Srimurali** and J.Karthikeyan (2013) “Removal of color from synthetic Textile Dye Stuff by Adsorption onto Preformed Floccs” in IASET-International Journal of Civil Engineering(IJCE), Vol. 2, Issue 1, Feb 2013, pp 39-46. (Impact factor:0.6824)
26. N. Munilakshmi, **M.Srimurali** and J.Karthikeyan(2013) “Removal of color from Reactive blue 82 by Adsorption onto preformed floccs” in IJETCAS-International Journal of Emerging Technologies in Computational and Applied Sciences , Vol.1, 2&3,, Issue 3, Dec 2012 to Feb 2013, pp 139-146.(Impact factor:1.2)
27. Madan Mohan Reddy. K and **Srimurali. M** (Sep 2012) “Comparative Evaluation of the Media Performances in Fixed-bed Bio-film Reactors”

Journal of Civil, Structural, Environmental, Water resources and Infrastructure Engineering Research (JCSEWIER). Vol.2 (2), pp. 59-64, ISSN 2278-3539.

28. Madan Mohan Reddy.K, **Srimurali. M**, Neeraja.D and Vijaya Bhaskar Reddy.C (Aug 2012), Utilization of Local Industrial By-products as a replacement of Fine Aggregate in Fly Ash Cement Bricks, International Journal of Civil Engineering and Applications (IJCEA), ISSN; 2249-426X, Vol.2(1), pp.59-65.
29. S. Ananda Kumar Varma, **M. Srimurali** and K.V.S. Anil Kumar (2011). "Magneto hydrodynamic Generation of Electrical Energy in Thermal Power Project." Reseach J.Engineering and Technology, 4 (1), 28-32.
30. K. Madan Mohan reddy, **M. Srimurali** and D. Neeraja. (2009)" Assessment of Media characterstics in Upflow aerated submerged fixed-bed reactors for the treatment of Dairy waste water." J. Ultra Science, 21(2), 457-458.
31. S.Swarnalatha, T.Srinivasulu, **M.Srimurali**, G.Sekaran (2008),"Safe disposal of toxic chrome buffing dust generated from leather industries", Journal of Hazardous Materials,150(2), 290-299.
32. G. Reddy Babu, Srimurali,M. Vijaya Sekhar Reddy and I.V. Ramana Reddy (2007), "Sorption studies for colour removal of spent orange dye effluent using powdered Activated carbon, J.Nature Environment and Pollution Technology , 6,1,97-103.
33. S. Venkata Mohan, P.Sailaja, **M.Srimurali** and J.Karthikeyan (1999), "Removal of an Monoazo Acid Dye from Aqueous Solution by Adsorption and Chemical Coagulation", Environmental Engineering and Policy, 1,3, 149 – 154.
34. J.Karthikeyan, **M.Srimurali** and S.Venkata Mohan (1998), "Aquafarming of Penaeid Shrimps: Some Observed influence on the Environment", J. Indian Water Works Association, 129 – 136.
35. **M. Srimurali**, A.Pragathi and J.Karthikeyan (1998), "A Study on Removal of Fluorides from Drinking Water by Adsorption onto Low-cost Materials", Environmental Pollution, 99, 285 – 289.
36. J. Karthikeyan and **M. Srimurali** (1995), "Environmental Impact Analysis Statement and Environmental Management Plan Report of a proposed Aqua Farm at Nellore in Andhra Pradesh", Indian J. Environ. Hlth, 37, 4, 251.

#### **National Journals (Published): 4**

1. G. Rammohan, **M.Srimurali** and T. Khaleel(2019) “A Study on Vermicomposting of Organic waste at Tirupati”, Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6.
2. T. Khaleel, **M.Srimurali** and G. Rammohan (2019) “Removal of Colour and COD from Textile effluents by using Natural and Chemical Coagulants”, Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6
3. K. Madan Mohan Reddy, E. Sanjeeva Rayudu and **M. Srimurali** (2010)” Pall rings Media Performance Studies on Upflow Aerobic Fixed-bed Bioreactors for the treatment of Dairy waste water.” J. Environmental Science,4 (6), 60-64.
4. K. Madan Mohan Reddy, D. Neeraja and **M. Srimurali** (2009), “Performance Studies on Granite Media Upflow Anaerobic Biofilter for the treatment of Dairy Wastewater”, Engineering Today Journal, Vol. XI (3), pp.08-11.

#### **Papers Presented in International Conferences: 20**

1. **M. Srimurali**, “Textile Dye Colour Pollution: Causes, Effects and Its Control”, International conference on Green Power Technology in Power grid: Issues , Challenges and Control, Sri Venkateswara University, Tirupati, Andhra Pradesh, India, December 19-21, 2019
2. **M. Srimurali**, “Behavioral aspects of Dyes and Hydrolysis of Metal salts ”, International conference on Green Power Technology in Power grid: Issues , Challenges and Control, Sri Venkateswara University, Tirupati, Andhra Pradesh, India, December 19-21, 2019
3. C.M. Vivek Vardhan and **M.Srimurali**, “Development of a Low-Cost Column Type Filter Based on Agricultural Waste for Removal of Fluoride from Water”, 8th International Conference on Sustainable Waste Management, International Society of Waste Management, Air and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP; November 22-24, 2018.
4. C.M. Vivek Vardhan and **M.Srimurali**, “Utilization of Rice Husk Ash for defluoridation of water”, 8th International Conference on Sustainable Waste Management, International Society of Waste Management, Air and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP; November 22-24, 2018.
5. K. Madan Mohan Reddy, **M. Srimurali**, M. Bhaskar, “Potential use of marble waste powder in synthesis of Calcium sulfoaluminate cement”, 8th International conference on Sustainable waste management (8thIconSWM

- 2018), Organised by Acharya Nagarjuna University, Vijayawada, Andhra Pradesh, India, Nov 22-24, 2018.
6. E. Sanjeeva Rayudu, **M. Srimurali**, K. Venkaiah, “Application of Industrial Waste for Improvement in Alkaline Soils” 8th International Conference on Sustainable Waste Management, International Society of Waste Management, Air and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP; November 22-24, 2018.
  7. Manjula.O and **M. Srimurali** , “Solid Waste Management in India – in a sustainable way”, 8th International Conference on Sustainable Waste Management, International Society of Waste Management, Air and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP; November 22-24, 2018.
  8. NijagalaMunilakshmi, Muduru **Srimurali** and JanakiramKarthikeyan, “Adsorptive Removal Of Basic Dye From An Aqueous Solution By Using Preformed Floccs”, 8th International Conference on Sustainable Waste Management, International Society of Waste Management, Air and Water (ISWMAW), Acharya Nagarjuna University, Guntur, AP; November 22-24, 2018.
  9. Sanjeeva Rayudu E, **Srimurali M**, Venkaiah K (2015), “A Study on Remediation of Alkaline Soils Using Industrial Wastes for Agricultural Purposes”, presented at the Indian Technology Congress (ITC2015), Nimhans Center, Bangalore, India 29-30 July 2015
  10. C.M. Vivek Vardhan and **M.Srimurali** (2014), “ Defluoridation of Drinking Water using a Novel Sorbent: Lanthanum – Impregnated Green Sand” , Presented at the International Conference of Business, Economics, Energy and Environmental Sciences (ICBEEES), Kuala Lumpur, Malaysia 19-21 September 2014.
  11. E. Sanjeeva Rayudu, **M.Srimurali**, K.Venkaiah (2013), “A Study on Physical, Chemical and Biological properties of Alkaline Soils treated with Pharmaceutical industrial effluents” Proceeding of International Conference on Advanced in Civil Engineering, published in Elsevier Track, organized by ACEEE, AMAE and ACEE, during Dec 13-14 2013, at Noida in -Delhi, India.
  12. Phani Madhavi .T, **Srimurali.M** and Nagendra Prasad .K (2013), “ Colour Removal from industrial waste water using alum”, Proceedings of International Congress of Environmental Research”, organized by Journal of Environmental Research and Development (India) and Maulana Azad college of Arts, Science &commerce, Aurangabad, Maharashtra, during 19-21 December,2013.
  13. Madan Mohan Reddy.K, **Simurali.M**, Neeraja. D, Vijaya Bhaskar Reddy. C (2012), “Green Building Material: Utilization of Local Industrial By-

products as Raw Materials in Burnt Clay Bricks”, Proceedings of International Conference, “Role of Green Technologies for Sustainable Development”, pp- 6-15, Organized by Department of Civil Engineering, Guru Nanak Institutions Technical Campus, Ibrahimpatnam, HYD, during 30th-31st March 2012

14. Madan Mohan Reddy.K, **Srimurali.M**, Sanjeeva Rayudu.E, Neeraja.D (2012), “Fixed- Bed Media Performance in Biofilm Reactors”, Proceedings of International Conference, “Role of Green Technologies for Sustainable Development”, pp- 210-216, Organized by Department of Civil Engineering, Guru Nanak Institutions Technical Campus, Ibrahimpatnam, HYD, during 30th-31st March 2012
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16. E. Sanjeeva Rayudu and **M. Srimurali** (2011).”Building for Healthy Community”. Proc. Of International Conference on “Green Technology and Environmental Conservation (GTEC 2011)”. December 15-17, Satyabama University in association with International Solid waste Association(ISWA),Vienna, National Solid Waste Association of India (NSWAI), Mumbai, Tamil Nadu Pollution Control Board (TNPCB),Chennai.
17. **M. Srimurali** and J. Karthikeyan (2008), "Activated Alumina: Defluoridation of water and Household Application – A Study", Twelfth International Water Technology Conference, Alexandria, Egypt, March 27-30, 2008
18. I. Gopikrishna, **M. Srimurali** and J. Karthikeyan (2007), "Ambient Air Quality status of an Urban Area - A Case Study of Tirupati", International Symposium on Environmental Science and Technology, Beijing Institute of Technology, China, November 13-16, 2007.
19. K. Kishore Kumar, **M. Srimurali** and J. Karthikeyan (2007), “Removal of Colour from synthetic Dyestuffs by adsorption onto Preformed Floccs”, International Symposium on Environmental Science and Technology, Beijing Institute of Technology, China, November 13-16, 2007.
20. J. Karthikeyan, **M. Srimurali** and S. Venkata Mohan (1996), “Environmental Pollution due to Aquafarming : A short term EIA of an Aquafarm – A Case Study”, Proc. Third International Conference Environmental Planning and Management, VR College of Engineering, Nagpur, 432.

**Papers Presented in National Conferences: 10**

1. E. Sanjeeva Rayudu, **M. Srimurali**, K. Venkaiah, "Application of Pressmud for Improvement in Physico-Chemical properties of Alkaline Soils" A two-day National Conference on "Emerging Technologies in Civil Engineering" Sri Venkateswara University, Tirupati, AP; February 22-23, 2019
2. E. Sanjeeva Rayudu and **M. Srimurali** (2011). "Remediation of Physical Properties of Alkaline Soil using Paddy Husk ash". Proc. Of National Conference on Providing Urban-Type Amenities in Rural Zones PURZ-2011". July 22-23, KSRM College of Engineering, Kadapa.
3. **M. Srimurali** and N. Munilakshmi (2008). "Sustainable Development: Biotechnology as a Tool". Proc. Of National Seminar on Empowerment of poor under sustainable Environment". March 14-15, S.V. University, Tirupati.
4. K. Thasilu, B. Chandra Sekhar, B. Swathi and **M. Srimurali** (2006). "Baseline data of Soil and ground water quality for Biomechanated spent wash applications on Agricultural soils" Proc. National Conference on Environmental effects on Civil Engineering Structures, S.V. University, Tirupati.
5. P. Srinivasan, S. Venkata Mohan, A. Sudhakar, **M. Srimurali** and J. Karthikeyan (2000), "A Study of Environmental Noise Levels in Tirupati and its Abatement." Proc. Of Ninth National Symposium on Environment of the Pollution in Urban Environment, Bangalore University.
6. G.V.Ramana Rao, **M.Srimurali** and J. Karthikeyan (1999), "A study on color removal from sulfur dyestuffs by chemical treatment", Proc. National Conference on Chemistry, Industry and Environment, Govt. College, Rajahmundry.
7. G.V.Ramana Rao, **M.Srimurali** and J. Karthikeyan (1999). "Removal of colour from Reactive Dyes by Chemical Treatment." Proc. Of National Conference on Chemistry, Industry and Environment,, Govt. College, Rajahmundry.
8. **M.Srimurali** and J. Karthikeyan (1998), "Household Application of Activated Alumina for Removal of Fluorides from drinking Water – A Study", Proc. National Seminar on Better World Environment Through Engineering, Education and Management, Technical Teachers Training Institute (TTTI), Chennai.
9. S. Venkata Mohan, **M. Srimurali** and J. Karthikeyan (1996), "A Study on Colour Removal from an Acid Dye by Adsorption, Biosorption and Chemical Coagulation." Proc. National Symposium on Recent Advances in Civil Engineering, S.V. University, Tirupati, 134.
10. J. Karthikeyan, **M.Srimurali** and S.Venkata Mohan (1996), "Aquafarming of Paenoid Shrimps: Some Observed Influences on the Environment", Proc. National Seminar on Environmental Conservation and Management, GITAM, Visakhapatnam.

## **MEMBERSHIPS/POSITIONS:**

**Coordinator:** TEQIP II 1.2 World Bank Project-1250 Lakhs for period of two years

**Project Investigator:** Centre of Excellence (CoE) under TEQIP-1.2.1 for Three years

**Member:** AP State Task Force Committee- A.P. Pollution Control Board, Govt.of A.P.

**Head:** Department of Civil Engineering, S.V. University College of Engg Tirupati(2018-20)

**Member:** Central Purchase Committee, S.V. University, Tirupati,

**Member:** Local Purchase Committee, S.V. University College of Engg, Tirupati

**Convener:** Central Library and Departmental Book Bank Committee (SVUCE), Tirupati.

**Member:** Works and Building Committee, Vikrama Simhapuri University, Nellore.

**Member:** Governing Body as a State Govt. Nominee , PBR VITS, Kavali, Nellore District.

**Member:** BOS in Civil Engg (Pass), RVR&JC College of Engg, Guntur.

**Member:** BOS in Civil Engg (Pass), Sri Annamacharya Inst.of Tech &Science, Rajampet

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