

CURRICULUM VITAE

1. Name : Vennila. G
2. Designation : Professor and Director
3. Department : Civil Engineering
4. Date of Joining : 28.05.2003
5. Nature of Association : Regular
6. E mail : directorcivil@ksrct.ac.in
: vennilajagan@gmail.com
6. Mobile No : +91 94437 70653



7. Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
Ph.D. (Civil Engineering)	Anna University, Chennai, India	December 2008	-	-
M.E. (Environmental Engineering)	Government College of Technology, Coimbatore/ Bharathiar University, India	January 1994	81	First
B.E. (Civil)	Government College of Technology, Coimbatore/ Bharathiar University, India	April 1988	70	First
H.S.C.	Govt. Girls Hr. Secondary School, Namakkal, India	April 1984	84	First
S.S.L.C.	Govt. Girls Hr. Secondary School, Namakkal, India	March 1982	85	First

8. Teaching & Industrial Experience

- **Director**, K.S.Rangasamy College of Technology, Tiruchengode, from 11.01.2021 to till date.
 - **Professor and Head**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.07.2008 to 10.01.2021.
 - **Assistant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.07.2004 to 30.06.2008.
 - **Lecturer**, K.S. Rangasamy College of Technology, Tiruchengode, from 28.05.2003 to 30.06.2004.
 - **Lecturer**, Vivekanandhaa College of Engineering for Women, Tiruchengode, from 23.08.2001 to 21.05.2003.
 - **Senior Engineer**, Arul Associates, Namakkal from 01.06.1994 to 31.05.2000
 - **Lecturer**, V.L.B.Janakiammal College of Engineering and Technology, Coimbatore, from 05.02.1990 to 22.05.1992
 - **Lecturer**, Adhiyamaan College of Engineering, Hosur, from 12.07.1989 to 30.11.1989
 - **Estimating Engineer, Er.Rajagopalan Building Consulting Engineer** from 12.08.1988 to 05.05.1989
-

9. Projects

Under Graduate

- **Title:** “Analysis of trusses using FORTRAN Programming”

Post Graduate

- **Title:** “Computer Modelling of Anaerobic Digestion Process ”

Ph. D

- **Thesis title:** “Ground water Quality Assessment Using GIS and Inverse Mass Balance Modelling of Vattamalaikarai River Basin, Tamil Nadu, India”

10. Publications

National and International Journals

1. **G.Vennila**, T.Subramani and L.Elango, “Rainfall variation analysis of vattamalaikarai sub-basin Tamil Nadu, India”,(2007) *Journal of Applied Hydrology*, (2007), Vol. XX, No. 3, pp.51-60.
2. **G.Vennila**, T.Subramani and L.Elango, GIS Based Ground water Quality Assessment of Vattamalaikarai Basin, Tamil Nadu India, (2008), *Nature Environment and Pollution Technology*, Vol.7, No.4, pp.585-592. ISI Journal Impact Factor - 2.236
3. D.Karunanidhi, **G.Vennila**, M.Suresh and R.Rangarajan, “Groundwater Investigation and Possible Zones Identification through Schlumberger Resistivity data Using GIS Tools in Salem- India”, (2014), *Indian Journal of Geo Marine Sciences*, Vol.43, No.1, pp.1-12. **Impact Factor - 0.301** (JCR 2018)
4. D.Karunanidhi, **G.Vennila**, M.Suresh and S.K.Subramanian, “Evaluation of the Groundwater Quality Feasibility Zones for Irrigation Purposes through GIS in Omalur Taluk, Salem District, South India”, (2013), *Environmental Science and Pollution Research*, Vol.20 No.10 pp 7320-7333 ISSN 0944-1344 **Impact Factor – 2.914**
5. D.Karunanidhi, **G.Vennila** and M.Suresh GIS Approach for Rainfall fluctuation study in Omalur Taluk, Salem District, Tamil Nadu, India. (2012), *Pollution Research*, Vol.31, No.3, pp.493-497 ISSN 0257-8050.
6. S.Ramesh and **G.Vennila** “Study of Physico-chemical Characteristics of Groundwater at Erode, Tamil Nadu, India,(2013) *Pollution Research*, Vol.32 No.1 pp 61-64, ISSN 0257-8050.
7. J.Abdul Bari and **G.Vennila**, “Studies on Various Thematic Maps for Identifying Ground Water Potential Zones of Bhavani Taluk, Erode District, India”,(2013),*Pollution Research*, Vol.32 No.1 pp55-60 ISSN 0257-8050.

8. D.Karunanidhi, **G.Vennila**, M.Suresh and P.Karhikeyan, “Geoelectrical Schlumberger Investigation for Characterizing the Hydrogeological Conditions Using GIS in Omalur Taluk, Salem District, Tamil Nadu, India”,(2013), *Arabian Journal of Geosciences*, Vol.7, No.5, pp.1791-1798 - **Impact Factor – 1.141**.
9. J.Abdul Bari and **G.Vennila**, “Study on Ground Water Quality of Bhavani Taluk, Erode District, Tamilnadu, India” (2014), *International Journal of Earth Sciences and Engineering*, Volume 07, No.02, pp.475-478, ISSN 0974-5904.
10. S.Ramesh,**G.Vennila**,N.Ramesh and P.Mageshkumar, “Groundwater Quality Assessment for Drinking Purpose in Erode Taluk, Tamil Nadu, India”(2014),*Pollution Research*, Vol. 33, No.4 pp 801-804, ISSN 0257-8050.
11. J.Abdul Bari, **G.Vennila** and P.M.Shanmugaraja, “Physico-chemical characteristics of groundwater of Bhavani block, Erode District, Tamilnadu, India,”(2015),*Rasayan Journal of Chemistry*, Vol.8, No.2, pp.198-202, ISSN: 0974-1496.
12. M.P.Sureshkumar, **G.Vennila**, S.Ramesh,R.Pandiyarajan and S.K.Gowtham, “Utilisation of industrial waste Redmud in concrete”, (2015), *International Journal of Applied Engineering Research*, Vol.10, No.38, pp.28186-28198, ISSN0 973-4562.
13. S.Karthikeyan and **G.Vennila**, “Analysis of Compressive Strength of Concrete using polyethylene terephthalate (PET) fibres”, (2015), *International Journal of Applied Engineering Research*, Vol. 10 No.14 pp 34776-34778 ISSN 0973-4562
14. S.Sethuraman, A.Navaneetha Gopalakrishnan and **G.Vennila**,“Studies on Biogas production from Jack fruit peel waste by pretreatment with Alkaline”, (2015), *International Journal of Earth Sciences and Engineering*, Vol.08, No.03, pp256-258, ISSN 0974-5904.
15. N.Ramesh, **G.Vennila**, J.Abdul Bari, S.Ramesh and P.Mageshkumar, “Energy Production through organic fraction of Municipal Solid Waste – A multiple regression modeling aproach”,(2016), *Ecotoxicology and Environmental safety*, Vol.134, pp.360-367. **Impact Factor – 4.527**
16. M.Kalaivani and **G.Vennila**,“Mechanical Properties of Cocktail Fibre Reinforced High Performance Concrete using Silica Fume”, (2016) *Asian Journal of Research in Social Sciencies and Humanities*, Vol.6, No.11, pp.581-587.
17. J.Abdul Bari, **G.Vennila**, T.Subramani,M.Suresh, D.Karunanidhi and T.M.Shanmugaraja, “Hydrochemical investigation of groundwater in Bhavani Taluk, Erode District, Tamil Nadu using GIS”, (2016), *Indian Journal of Geo-marine Sciences*, Vol.45, No.9, pp.1154-1161. **Impact Factor - 0.301**

18. P.Srinivasan, G.Vennila, S.Ramesh and G.Vijayakumar, “Morphometric analysis of Turinjhalliar Watershed, Tamil Nadu, India, using remote sensing and GIS techniques”, (2016), *Ecology.Environment &Conservation*. Vol.22 pp.S323-S328 ISSN 0971-765X.
19. M.P.Sureshkumar and G.Vennila , “Compressive characterization of modified concrete partial replacement of conventional binder with red mud”,(2016) *Asian Journal of Research in social sciences and humanities*, Vol.6, No.8, pp 326-331, ISSN 2249-7315.
20. P.Karthikeyan, R.Venkatachalapathy and G.Vennila , “Multivariate analysis for river water quality assessment of the Cauvery River, Tamil Nadu, India”, (2017), *Indian Journal of Geo Marine Sciences*, Vol.46 No.04, pp.785-790. **Impact Factor - 0.301**
21. S.Ramesh, **G.Vennila**, A.Amirtha shanthi, N.Ramesh M.Suresh and P.Mageshkumar “Assessment of the Hydrogeochemistry of Groundwater using Multivariate Statistical Analysis in Erode Taluk, Tamil Nadu, India” , (2016), *Asian Journal of Research in Social Sciences and Humanities*, Vol.06, No.9, pp.561-567, ISSN 2249-7315.
22. S.Ramesh, **G.Vennila**, A.Amirtha shanthi and P.E.Kumar, “Assessment of physico-chemical characteristics of Groundwater at Perundurai Taluk, Tamil Nadu, India”, *International Journal of Advanced Engineering Technology*, Vol.VII , Issue.II pp 845-847, E-ISSN 0976-3945.
23. S.Ramesh, **G.Vennila** and A.Amirtha shanthi “Rainfall Fluctuation and frequency Analysis of Erode Taluk, Tamil Nadu, India”, (2016) *Journal of Advances in chemistry*, Vol 12 No.21 pp 5365-5371, ISSN 2321-807X.
24. N.Ramesh, T.Meenambal, **G.Vennila** and S.Ramesh, “Startup, operations and monitoring of upflow anaerobic sludge blanket (UASB) reactor for the treatment of organic fraction of Municipal solid waste”,(2016), *Ecology, Environment and Conservation*, Vol.22, No.3 pp.No.319-322.
25. N.Ramesh, **G.Vennila**, S.Ramesh, P.Mageshkumar and S.Mohan Ram, “ Efficacy of Natural Coagulants in Wastewater treatment Aided with Solar power”, (2016), *International Journal of Advanced Science and Engineering Research*, Vol.1, No.1 ISSN:2455-9288.
26. S.Sethuraman and **G.Vennila**, “Liquefaction studies on Jackfruit peel waste: influence of sodium hydroxide for hydrogen production in dark fermentation”, (2017), *Ecology, Environment and Conservation*, 23(3) pp1424-1429, ISSN 0971-765X.
27. M.Kalaivani and **G.Vennila**, “Experimental investigation on structural behavior of micro and macro fibre reinforced concrete beams subjected to cyclic loading”,(2017), *Journal of Structural Engineering*, Vol. 44, No. 1, pp. 70-75.

28. P.Karthikeyan, R.Venkatachalapathy and **G.Vennila** , “Using of biological diatom Indices (IBD) for ecological status of the Cauvery River, India”, (2018), *Indian Journal of Geo Marine Sciences*, Vol.46, No.12. **Impact Factor** - 0.301
29. V.K.Shankar, **G.Vennila** and J.Abdul Bari, “Utilization of ETP sludge from textile industry as a partial replacement of cement in paver blocks”, (2018), *International Journal of Innovative Research explorer*, Volume 5, No.4, pp.12-15 ISSN No.2347-6060.
30. S.Arya,**G.Vennila** and T.Subramani, “Spatial and seasonal variation of groundwater levels in Vattamalaikarai River basin, Tamil Nadu, India – A study using GIS and GPS”,(2018), *Indian Journal of Geo Marine Sciences*, Vol.47 , No.09, pp.1749-1753. **Impact Factor** - 0.301
31. M.Kalaivani, **G.Vennila** and S.Ramesh, “Cyclic behavior of mono and hybrid fibre reinforced high performance concrete exterior beam-column joints”,(2018), *Journal of Structural Engineering*, Vol.45, No.5, pp.444-451.
32. D.Sakthivel, **G.Vennila**, D. Karunadidhi, K.Srinivasamoorthy, B.Anand & T.Subramani, “Hydrogeochemical characterization and Evaluation of Ground Water Quality in Kangeyam Taluk, Tirupur District, Tamil Nadu, India, using GIS Techniques”, (2018) *Environmental Geochemistry and Health*, [http://DOI.org/ 10.1007/s10653-018-0183-z](http://DOI.org/10.1007/s10653-018-0183-z). **Impact Factor** - 3.252
- 33.P.Karthikeyan, **G.Vennila**, R.Venkatachalapathy & S.Viji “Characterization and analysis of Gomphonema sp frustule based on SEM / EDS”, (2019) *Indian Journal of Geo Marine Sciences*’ Vol.48 (10), pp.1576-1579.
- 34.N.Sekaran, **G.Vennila**, and M.Suresh, “ Hydrogeochemical Characteristics of Groundwater: A Case Study from Kadavanar Watershed, Amaravathi Sub-basin, Cauvery River, South India”, (2019) *Indian Journal of Geo Marine Sciences*’ Vol.48(10) , pp.1627-1639.
- 35.P.Karthikeyan, **G.Vennila**,G.Nanthakumar and M.K.Aswini, ”Dataset for Spatial distribution and Pollution indices of Heavy metals in the Surface Sediments of Emerald Lake, Tamil Nadu, India”, (2019) *Elsevier Inc.*,
36. **Vennila G**, Deshapriyan T.C., Eraibalan S, Sowmiya G “Comparison Study Of Commercial RO System With Natural Fibre Filtration System”, *International Journal for Science And Advance Research*,(2020), Vol.6(8)
- 37.Sureshkumar M P, **Vennila G**, Abdul Bari, “Experimental investigation on flexural performance of functionally graded concrete beams using flyash and red mud”, (2021) *Revista Matéria*, Vol.26(1),pp.11.
- 38.Sekaran N., **Vennila G.**, Suresh M. “Groundwater quality assessment using GIS technology in Kadavanar Watershed, Cauvery River, Tamil Nadu, India”, (2021) *Arabian Journal of Geosciences*,<https://doi.org/10.1007-020-06414-3>., (Impact Value :1.534)

National and International Conferences

1. **Vennila G.**, "Importance of Environmental Education for sustainable Development", (2006), *International symposium on LAKE 2006*, Indian Institute of Science, Bangalore.
2. **Vennila G.**, "Assessment of groundwater quality in a watershed in Cauvery Basin", (2006). *International Conference on Environmental Geo Sciences*, Department of Geology, Anna University, Chennai.
3. Vennila G, Water Environment and Agriculture present problems and future challenges, *3rd International Groundwater Conference (IGC 2007)*, Tamilnadu Agricultural University, Coimbatore. Feb 7 – 10, 2007.
4. **Vennila G** and Subramani T, "Prediction of surface runoff and groundwater flow pattern using GIS for Vattamalaikarai Basin, Tamil Nadu, India", (2008), *National Conference on GIS Applications in Civil Engineering*, Karunya University, Coimbatore, Conference Proceedings, pp. 226-233. Feb 16, 2008.
5. **Vennila G.**, "Identification of subsurface hydro geochemical processes in a hard rock aquifer by inverse Mass balance modeling", International conference on Water – The Vital resource by *8th IAHS Scientific Assembly & 37th IAH Congress* Sep 6-12, 2009 at Hyderabad.
6. **Vennila G.**, "Groundwater quality assessment for drinking and irrigation purpose in Erode", *National Conference on Emerging Technologies in Civil Engineering*, KSRCT, Tiruchengode p.131-136, 12.04.2013.
7. Ramesh.S, **Vennila.G**, Ramesh.N and Magesh Kumar.P(2014), "Geo-Chemical Analysis of Ground Water in Erode Taluk, Tamil Nadu, India", *National Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering*, Al Ameen Engineering College, Erode, Tamil Nadu. PP-63
8. Ramesh.S, **G.Vennila**, N.Ramesh, P.Magesh Kumar and J.Abdul Bari (2015), "Assessment on the impact of industrials effluents on groundwater quality in Erode, TamilNadu", *National Conference on Role of Biotechnology Tools and Techniques in Waste Water Management (NCBTWM-15)*, K.S.Rangasamy College of Technology, Tiruchengode, PP-165.
9. MageshKumar.P, AnandaKumar.P, **Vennila.G**, Ramesh.N and Ramesh.S (2015), "Identification of pollutants and its impact on ground waters of Rasipuram Taluk, Tamil Nadu", *National Conference on Role of Biotechnology Tools and Techniques in Waste Water Management (NCBTWM-15)*, K.S.Rangasamy College of Technology, Tiruchengode, PP-165.
10. Karunanidhi D and **Vennila G**, "Groundwater quality Mapping: A GIS Based Integration Analysis in Omalur Taluk, Salem District, South India", *30th and 31st AHI National Seminar on Hydrology with a special colloquium on Geomatics in Water Resources* during 11-12 December, 2012 at center for Applied Geology, Gandhigram Rural Institute – Deemed University, Dindigul, Tamil Nadu.

11. Suresh Kumar M.P, **Vennila. G** and Ramesh.S (2015), “Utilisation of Industrial Waste Red mud in Concrete – A Review”, *International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering (ACCCAS-2015)*, Al Ameen Engineering College pp 55.
12. Ramesh.S, **Vennila G**, Ramesh.N and Magesh Kumar P(2014), “Hydrochemistry and quality Assessment of Ground Water in Erode Taluk, Tamil Nadu, India”, *International Conference on Green Technology for Environmental Pollution Prevention and Control*, NIT, Trichy, pp 56.
13. **Ramesh.S, Ramesh.N, Vennila G**, Suneeth Kumar and **Magesh Kumar P** (2014), “Energy Production through organic fraction of Municipal Solid Waste- A multiple Regression Modelling Approach”, *International Conference on Green Technology for Environmental Pollution Prevention and Control*, NIT, Trichy, pp 109.
14. Ramesh N, **Vennila.G**, Ramesh.S, MageshKumar.P and Mohan Ram.S, “Efficacy of Natural Coagulants in WasteWater Treatment Aided with Solar Power”, *International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering (ACCCAS-2016)*, Al Ameen Engineering College.
15. N.Ramesh,S,Ramesh,**G.Vennila** and K.Sudharson, “Monitoring Of Sewage Treatment Plant Using IoT “*International Conference On recent Trends In Environmental Science And Engineering*, Bengaluru, India., pp 259-261.
16. **P.Karthikeyan,R.Venkatachalapathy,G.Vennila**, “Advances And Recent Studies In Paleolemnology Using Diatoms,Sediments And Geo Chemistry Record Of Environmental Changes In The Lake” *International Conference On recent Trends In Environmental Science And Engineering*, Bengaluru,India,Dec 2017.Pp 62-64.
17. M.P.Suresh Kumar and G.Vennila, “Study on properties of Red mud bricks, *National Conference on Innovative Techniques in Civil Engineering*“, Excel Engineering College, Komarapalayam, Namakkal (Dt).

11. Seminar and Training Programmes Participated and organised

- Participated in National Seminar on Computational Fluid Dynamics – The New Technology for the Future at Mahendra Engineering College on 25-26 March 2004
- Attended National Seminar on Fibre Reinforced composites at Kongu Engineering College on 4 & 5 October 2007
- Participated in National Symposium on Acoustics (NSA 2007) at K.S.Rangasamy College of Technology on 5 to 7 December 2007
- Participated in National Seminar on Health monitoring of Structures at Kongu Engineering College on 14 & 15 Feb 2008

- Participated in National Symposium on CSMB -08 at K.S.Rangasamy College of Technology on 27,28 Feb 2008
- Participated in National Seminar on Public Participation in Solid Waste Management at K.S.R.College of Engineering on 21.10.09
- Participated in National Seminar on Industrial Pollution and Remedial Measures at Paavai Engineering College on 23.04.10
- Attended National Training Programme Vermi Composting of Agro Refuse and Solid Waste Management at Kongu Engineering College during 22.04.10 to 24.04.10
- Participated in National Faculty Development Programme on A tribute to our environment at Angel College of Engineering & Technology on 26.06.12
- Participated in National workshop on Energy Conservation Technologies for global sustainability at KSR College of Technology on 24.08.12
- Acted as Convener for National Seminar on Renewable Energy Technologies for Rural Development at K.S.Rangasamy College of Technology on 23.08.2013
- Participated in National Seminar on Innovative site remediation techniques at KSR College of Technology on 19.01.13
- Acted as Convener for National Seminar on Renewable Energy Technologies for Rural Development at K.S.Rangasamy College of Technology on 23.08.2013
- Participated in National Seminar on Application of Geographic Information System and Remote Sensing for Environmental Science at KSR College of Engineering on 06.09.2013
- Acted as Coordinator for Faculty Development Programme on Applied Hydraulic Engineering under Anna University, Chennai during 09.12.2013 to 16.12.2013
- Participated in National Workshop on Intellectual Property Rights in Biotechnology-Promoting Positive Minds at K.S.Rangasamy College of Technology on 19.12.2013 & 20.12.2013
- Participated in National Workshop on Emerging Trends in Renewable Energy at KSR College of Engineering on 26.02.2014 & 27.02.2014
- Convener for National workshop on Renewable Energy Sources : Indian Scenario at K.S.Rangasamy College of Technology on 22.08.2014
- Participated in Faculty Development Training Programme on Soil Mechanics at Velalar College of Engineering & Technology, Erode on 15.12.2014 to 21.12.2014
- Convener for National Conference on Role of Biotechnology Tools and Techniques in wastewater Management at K.S.Rangasamy College of Technology on 03.02.2015 to 04.02.2015
- Participated in Two week FDP on Experiential Teaching Methods for Importing Entrepreneurship among the Students at KSRCT, Dept.of MBA from 27.04.2015 to 10.05.2015
- Participated in one day workshop on Writing Research papers, Plagiarism and citation analysis conducted by Society for the Advancement of Library and Information Science, Chennai & KSRCT on 26.06.2015

- Attended in Two week ISTE STTP on Environmental Studies conducted at IIT, Bombay & KSRCT Remote Centre from 02.06.2015 to 12.06.2015
- Convener for National workshop on Smart Renewable Energy Technologies: opportunities and challenges at K.S.Rangasamy College of Technology on 28.08.2015
- Attended in Two week ISTE STTP on Introduction to Structural Engineering conducted by IIT, Kharagpur & KSRCT Remote Centre from 30.11.2015 To 09.01.2016
- Participated in International conference on Intelligent Systems and Control(ISCO) at Karpagam College of Engineering from 05.01.18 & 06.01.18
- Participated in National seminar on Impact of Green Computing for Minimizing E-waste on Human Health at KSR College of Engineering during 03.07.18 & 04.07.18
- Participated in National seminar on How to write a Successful Project Proposal to Funding Agencies at K.S.Rangasamy College of Technology on 21.07.18
- Attended Short term course on Membrane Technology for water and wastewater treatment (MTWWT-2018) at Indian Institute of Technology from 12.11.18 & 17.11.18
- Attended Faculty development programme on Success Mantra to promote Higher Education in Digital Era:Teach to Learn and Learn to Teach at KSR School of Management from 08.07.19 to 21.07.19.
- Attended Short term Training Programme on Analysis and Design of Shallow Foundations at National Institute of Technical Teachers Training and Research Kolkatta from 26.08.19 to 30.08.19
- Research support conclave on An experimental study of functionally graded concrete using glass fibre and flyash, Teaching Learning Centre & CIT, Coimbatore from 08.01.2020 to 10.01.2020
- One day Seminar on Modern Materials and cutting Edge Technologies in Construction Industry(MMCETCI), at KSRCT Tiruchengode on 08.02.2020

12. Funds Received

- Received Grants-in-aid Rs. 90,000/- from Anna University, Chennai to conduct the Faculty Development Programme on “Applied Hydraulic Engineering” from 9th to 16th December 2013 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215. **Letter sanctioning grant-in-aid 17/CFD/Winter/FDTP/2013-65 Dt.07.11.2013.**
- Received Grants-in-aid Rs. 19,20,000/- from DST – SERB National Post-Doctoral Fellowship. **Letter sanctioning grant-in-aid No.PDF/2016/001169/EAS on 02.11.2016**
- Received Grants-in-aid Rs. 17,29,845 from All India Council for Technical Education (AICTE) under Modernization and Removal of Obsolescence Scheme (MODROBS) for Modernization of Structural and Material Engineering Laboratory for the period of 2017 - 2019. **Letter sanctioning grant-in-aid No.9-79 / RIFD / MODROB /Policy-1/2016-17**
- Received Grants-in-aid Rs. 19,20,000/- from DST – SERB National Post-Doctoral Fellowship. **Letter sanctioning grant-in-aid No.PDF/2017/000253 as on 14.11.2017**

- Received Grants-in-aid Rs. 5,00,000/- from All India Council for Technical Education (AICTE), New Delhi and Rs.1,00,000/- from DST SERB to conduct the two days International conference on “International Conference on Smart Applications for Environmental Quality Assessment and Promoting Health care systems using Internet of Things” on 28-29th August 2019 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215.

13. Invited Lecture Delivered

- Delivered a special lecture to a National Seminar sponsored by Ministry of Environment and Forest (MOEF), New Delhi conducted at Kongu Engineering college, Erode on “Computational methods for sustainable Environment Economy and Society”
- Acted as a **resource person** to a **Faculty Development Programme** conducted at V.L.B.Janakiammal College of Engineering & Technology, Coimbatore which was sponsored by **Anna University of Technology, Coimbatore** on “Environmental Science and Engineering” and delivered a lecture on “Wastewater Treatment”.
- Acted as a **Co-chair** for the **International conference on Nanomaterials and Nanotechnology (NANO-2010)** along with Dr.Hillie Brand, Professor from Germany which was held during December 13-16, 2010 at K.S.Rangasamy College of Technology and sponsored by **DRDO, DST and CSIR**.
- Acted as a Co-chair for the International Conference on Nanomaterials and Nanotechnology (Nano-2010) along with Dr.Hillie Brand, Professor from Germany which was held during December 13-16, 2010 at K.S.Rangasamy College of Technology and sponsored by DRDO, DST and CSIR.
- Acted as a resource person to a National Level Seminar conducted at K.S.,Rangasamy College of Technology which was sponsored by Ministry of Environment and Forests, New Delhi on “Ecofriendly automated Vehicles Powering the green revolution” and delivered a lecture on “Advantages of Ecofriendly products”.
- Acted as a resource person to a National Level Seminar conducted at Paavai Engineering College, Namakkal which was sponsored by AICTE, New Delhi on “Sustainable development against Environmental Pollution” and delivered a lecture on “Characteristic Study of Dry Sludge Disposed from Effluent Treatment Plant at SIPCOT And Analysis for Its Applications In Cement, Concrete And Brick”.
- Acted as a **resource person** to a **Training Programme** conducted at Kongu Engineering College, Erode, which was catalysed and supported by **Tamil Nadu State Council for Science and Technology, Govt. of Tamil Nadu** on “Vermicomposting of Agro Refuse and Solid waste Management(VASM-2010)” from 22nd to 24th April 2010 and delivered a lecture on “Assessment of sustainable vermiconversion of Neem (Azadirachta indica) leaf litter at different reactor efficiencies employing Eudrilus eugeniae and the effects of its vermicast on the germination of green gram (Phaseolus radiatus)”.
- Delivered a guest lecture to a **National Seminar** conducted at K.S.R. College of Engineering on “Public Participation in solid waste Management” on 21.10.2009.

14. Membership in Professional Bodies

- **Fellow Member** (Life Member) in THE INSTITUTION OF ENGINEERS (INDIA) – F – 114158-5.
- **Life Member**, Indian Society of Technical Education (ISTE) – LM 42907.
- **Member (Life Member)** in The Indian Science Congress Association – L16904
- **Life Member**, Indian Society of Systems for Science and Engineering (ISSE) - LM05390

15. Awards

- Received Best Engineer Woman Engineer Award 2010 from The Institution of Engineers (India) – Salem Local Centre on the occasion of 43rdth Engineers Day Celebrations 2010 on 15.09.2010
- Received Best Woman Faculty Award from Natures Science Foundation, Coimbatore on 11th Jan 2020.

16. Research Activities

- Recognized Ph.D. supervisor at Anna University, Chennai
- Presently guiding 3 Ph.D. scholars under Anna University, Chennai
- Mentor of 2 National Post-Doctoral Fellows (DST-SERB)
- Ph. D completed under the supervision – 9
- Acting as Doctoral committee member for 5 Ph.D. scholars under Anna University, Chennai.
- Google scholar citation
<https://scholar.google.co.in/citations?user=zxXsn6EAAAAJ&hl=en>
- Total **Citations**: 227, **h – Index**: 8, **i10 Index**: 8
- **Area of Expertise/Research Interests**
 - Waste water treatment
 - Energy recovery from Municipal solid waste
 - Route optimization using GIS techniques
 - Ground water quality assessment
 - Energy efficient building
- **Reviewer** for
 - International Journal Earth Science and Engineering
 - Journal of Environmental Biology
 - Journal of Environmental and Social Sciences
- **Member**, Finance Committee, K.S.Rangasamy College of Technology, Tiruchengode – 637 215.
- **Coordinator**, Central Purchase Committee, K.S.Rangasamy College of Technology, Tiruchengode – 637 215.
- **Chairman**, Board of Studies (BoS), Faculty of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode – 637 215 since 02.06.2008.

17. Foreign countries Visit

- Visited Telford International Centre, Telford, England in the year 2006 for poster presentation at WWEM 2006.
- Visited International Toy Fair at Nuremberg, Germany in the year 2009.

18. Books Published

- Groundwater Quality Modelling using GIS in Bhavani Taluk, India – Delineation of groundwater Potential zones and Hydrogeochemistry of Groundwater (2018). Publishers : LAP LAMBERT Academic Publishing ISBN :978-3-330-03606-2
- Experimental Methods for Environmental Engineering Laboratory (2019), Royal Book Publishing International, ISBN : 978-93-88413-36-7
- Proceedings of the International Conference on Smart Applications for Environmental Quality Assessment and Promoting Health Care Systems using Internet of Things, (2019) ISBN : 978-81-942093-5-5
- Paleolimnological study of the Yercaud Lake, South India Using Diatoms and Geochemistry. (2020) ISBN 978-613-8-92088-5

19. Personal Details

Spouse Name : R.Jaganathan
Date of Birth & Age : 05.06.1967 & 54 Years
Gender : Female
Marital Status : Married
Permanent Address : 6/1035A, E.B.Colony,
Paramathy Road,
Namakkal – 637001

I hereby declare that the pieces of information given above are true to the best of my knowledge.



Signature

Dr.G.Vennila

Director

Department of Civil Engineering

K.S.Rangasamy College of Technology

Tiruchengode