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Citations: <https://scholar.google.co.in/citations?user=xbxjAwwAAAAJ&hl=en>

Objective

Looking for a challenging role in Engineering Profession, Flexible to Work with Civil Engineering, Environmental Engineering, Groundwater, Earth Science, Surveying, Engineering Geology, ArcGIS, AutoCAD, Remote Sensing, Web GIS.

Technical Profiles

Qualification	Name of The Degree	Discipline	Class Obtained	Name of The Institute	Name of The University	Month & Year of Passing
Ph.D	Faculty of Civil Engineering	Environmental Engineering with Geospatial Techniques	Highly Commended	CEG Anna University, Chennai.	Anna University, Chennai.	July & 2020
P.G	M.Tech Faculty of Civil Engineering	Remote Sensing	First Class with Distinction	Anna University, Tirunelveli.	Anna University, Chennai.	Jun & 2012
U.G	B.E	Computer Science & Engineering	First Class	Bharathidasan Engineering College, Tirupattur	Anna University, Chennai.	Apr & 2010

Academic Experience:

- Assistant Professor, Department of Civil Engineering, VelTech HighTech Dr. Rangarajan and Dr. Sakunthala Engineering College, Chennai, Tamil Nadu, India, from 16-July-2012 to 02-February-2015.
- Assistant Professor, Department of Civil Engineering, Priyadarshini Engineering College, Vanniyambadi, Thirupattur District, Tamil Nadu, India, from 11-June-2015 to 30-April-2020.
- Associate Professor, Department of Civil Engineering, VSB College of Engineering Technical Campus, Coimbatore, Tamil Nadu, India, from 01-June-2020 to 31-December-2020.
- Associate Professor, Department of Civil Engineering, Saveetha (Autonomous) Engineering College, Chennai, Tamil Nadu, India, from 04-January-2021 to till date.

Administrative Experience:

- Head of the Department, Department of Civil Engineering, Priyadarshini Engineering College, Vanniyambadi, Thirupattur District, Tamil Nadu, India, from 11-May-2019 to 06-Jan-2020.
- Assistant Head of the Department, Department of Civil Engineering, Vel Tech High Tech Dr. Rangarajan and Dr. Sakunthala Engineering College, Avadi, Chennai, Tamil Nadu, India, from 11-July-2013 to 02-Feb-2015.
- Working as NBA and NAAC Coordinator for Civil Engineering department.
- Placement officer, Saveetha (Autonomous) Engineering College, Chennai, Tamil Nadu, India.
- Exam cell In-charge, Saveetha (Autonomous) Engineering College, Chennai, Tamil Nadu, India.
- Organized different kind of Workshop, Conference and Seminar.
- Performing R&D Projects in Engineering Colleges.

Membership in Professional Organization:

- Life Member in Institute of Engineers India (AMIE).
- Life Member in Institute of Scholars (InSc).
- Life Member in VD Goods Technology Factory.
- Life Member in International Society for Research and Development (ISRDR).
- Life Member in International Organization of Scientific Research and Development (IOSRD).

Software Skills:

Language	:	C, C++, Java, Html, Visual Basic. ArcGIS, AutoCad, Geology,
Area of interest	:	WebGIS, Remote Sensing, GPS Survey, Electronic Surveying, Computer Networks.
Platform	:	MS-DOS, Windows 98, 2000 Professional,XP
Packages	:	MS Office, Dot Net, Arc GIS.
Electronic surveying	:	Total Station (TRIMBLE M3), GPS Survey.
Remote sensing Software's	:	ERDAS, ENVI, Micro station, Ortho Vista, Arc GIS.

Research Experience:

Title of the Research

Integrated Geospatial Techniques to Assess Environmental Degradation due to Industries in and around Vellore, South India.

Course works in Research Periods

1. Remote Sensing & GIS Application in Environmental Management. M.E-Environmental Engineering, Anna University, Chennai.
2. Industrial waste water pollution prevention and control. M.E-Environmental Engineering, Anna University, Chennai.
3. Environmental Impact and Risk Assessment. M.E-Environmental Engineering, Anna University, Chennai.
4. Rural Water supply and onsite sanitation. M.E-Environmental Engineering, Anna University, Chennai.

Achievements and Awards:

1. **"Best Researcher Award"** from International Scientist Awards 2021 on Engineering, Science and Medicine given by VDG00D Technology Factory, India (2020).
2. **"Young Achiever Award"** from Institute of Scholars (InSc), India (2021).

Special Representations:

1. Valuable contribution and outstanding performance as a Expert for setting of Civil Engineering Question paper from **AICTE-Student Learning Assessment Project Experts question**, in the year of 2021.
2. Valuable contribution and outstanding performance as a **member of scientific committee** of the 3rd International Conference of Arabian Journal of Geosciences (**Springer nature**), held on 02. November. 2020 to 05.November.2020. from **Saudi Arabia**.
3. Valuable contribution and outstanding performance as a **member of scientific committee** of the 4th International Conference of Arabian Journal of Geosciences (**Springer nature**), held on 25. November. 2021 to 28.November.2021. from **Saudi Arabia**.

Patent Awarded:

1. Patent awarded to **G.Venkatesan** and T.Subramani by Intellectual Property India for “A method of reduction of Hexavalent Chromium to Trivalent Chromium from Tannery Effluent using Bacterial Biomass”. Patent Number: 59252 (13-Dec-2019).
2. Patent awarded to **G.Venkatesan** by Intellectual Property India for “A method for cost-effective treatment of polluted groundwater using eco-friendly bio-coagulants”. Patent Number: 6752 (17-Feb-2021).

Book Publication:

1. Book on Surveying authored by Dr. G.Venkatesan and Miss.M.Aarthy. Published byBonfing, In India (ISBN:978-93-89515-33-6).
2. Book on Environmental Engineering II by Dr. G.Venkatesan and Mr. J.Jasper Daniel, Published by Charulatha Publications in India (ISBN:979-83-98515-34-7).

Papers Published in Journals:

Research Papers Published in International Journals: 29

Research Papers Published in National Journals: 02

1. **G.Venkatesan** (2021) “Experimental Investigation on stabilization of Expansive Soil Using GGBS and Fly ash”, GIS Science Journal, Vol. 08; Issue 07, pp.739-748.
2. **G.Venkatesan** (2021) “Analysis of Groundwater quality using GIS Techniques at Thazhanguda, Cuddalore District”, GIS Science Journal, Vol. 08; Issue 09, pp.639-648.
3. **G.Venkatesan** (2021) “Chromium contamination in groundwater and Sobol sensitivity model based human health risk evaluation from leather tanning industrial region of South India”, Environmental Research, published by **Elsevier**.

4. **G.Venkatesan** “Experimental Investigation on Processed Bamboo Reinforced Concrete”, Journal of Huazhong University of Science and Technology, Vol. 50; Issue 03, pp.1-15 (2021).
5. **G.Venkatesan** “Effect of Nano-Silica on Compaction, Swell-Shrink and Strength Behavior of Expansive Soil”, Journal of Huazhong University of Science and Technology, Vol. 50; Issue 03, pp.1-12 (2021).
6. **G.Venkatesan** “Bit-Level Optimization of Adder-Trees for Multiple Constant Multiplications for Efficient FIR Filter Implementation”, Pensee, Vol. 51; Issue 01, pp.664-672 (2021).
7. **G.Venkatesan** “Measurement of Secure Power Meter with smart IOT Application”, Journal of Green Engineering, Vol. 10; Issue 12, pp.12962-12972 (2020).
8. **G.Venkatesan**, T.Subramani, D.Karunanidhi, U. Sathya and Peiyue Li (2020) “Impact of precipitation disparity on groundwater fluctuation in a semi-arid region (Vellore district) of southern India using geospatial techniques”, Environmental Science and Pollution Research, published by **Springer**, <https://doi.org/10.1007/s11356-020-10790-4>.
9. **G.Venkatesan**, T.Subramani U. Sathya and Priyadarsi D.Royd, (2020) “Seasonal changes in groundwater composition in an industrial center of south India and quality evaluation for consumption and health risk using geospatial methods”, Chemie der Erde – Geochemistry, published by **Elsevier**, <https://doi.org/10.1016/j.chemer.2020.125651>.
10. **G.Venkatesan**, T.Subramani U. Sathya and D.Karunanidhi, (2020) “Evaluation of chromium in vegetables and groundwater aptness for crops from an industrial (leather tanning) sector of South India”, Environmental Geochemistry and Health, published by **Springer**, <https://doi.org/10.1007/s10653-020-00665-5>.
11. **G.Venkatesan** and T.Subramani, “Reduction of Hexavalent chromium to Trivalent chromium from tannery effluent using Bacterial Biomass”, Indian Journal of Geo-Marine Sciences, published by **CSIR**, Vol. 48; Issue 04, pp.528-534 (2019).
12. Ravi Kant Rajan, C.Bhuvaneshwari, P.Natarajan and **G.Venkatesan**, “Analysis of Electrical Characteristics of Solar Cell Employing Matlab/Simulink”, International Journal of Advanced Electrical Engineering, Vol.2, Issue 1, pp.11-18 (2019).
13. **G.Venkatesan** and T.Subramani, “Environmental Degradation Due to the Industrial Wastewater discharge in Vellore District, Tamil Nadu, India”, Indian Journal of Geo-Marine Sciences, published by **CSIR**, Vol. 47; Issue 11, pp.2255-2259 (2018).
14. **G.Venkatesan**, A.Mohamed Athiq, E.Henry Darwin, S.Ezhilarasi, C.Rajesh Kumar, “Walk on Wheels”, International Journal of Advance Scientific Research and Engineering Trends, ISSN 2456-0774, Vol.2, Issue 2, pp.8-12 (2017).
15. **G.Venkatesan**, Neelambari T and Padmashri V, “I Can Hear and Speak- A software for Deaf and Dump”, International Journal of Advance Scientific Research and Engineering Trends, Vol.2, Issue 2, pp.34-37 (2017).

16. **G.Venkatesan** and A.Ponisha Devi, "Staircase Sliding", International Journal of Advance Scientific Research and Engineering Trends, Vol.2, Issue 11, pp.319-321 (2017).
17. **G.Venkatesan**, P.Jagan, S.Kaviya and R.Arunachalam, "Hearing Aid with Bluetooth Technology", International Journal of Advance Scientific Research and Engineering Trends, Vol.2, Issue 11, pp.313-318 (2017).
18. **G.Venkatesan**, D.Monisha, G.Komathi and J. Narmadha, "Communication of the person who was born Deaf-Dumb and at the same time Blind, with others through Smartphone Case study", International Journal of Advance Scientific Research and Engineering Trends, Vol.2, Issue 11, pp.311-312 (2017).
19. **G.Venkatesan** and T. Subramani, "Case Study On Environmental Impact Due To Industrial Waste Water In Vellore District, Tamil Nadu, India Using Geospatial Techniques", Middle- East Journal of Scientific Research, published by IDOSI, Vol.24, pp.152-159 (2016).
20. **G.Venkatesan**, R.Regupathi, V.Padmashri, T.Neelambari and D.Monisha, "Experimental Studies on High Performance Concrete Using Natural Fibre (Coir Fiber)", Middle- East Journal of Scientific Research, published by IDOSI, Vol.24, pp.148-151 (2016).
21. **G.Venkatesan** and T.Subramani, "Parameter Finding for Case Study of Environmental Degradation due to Industrial Pollution in Vellore, Tamil Nadu, India Using Remote Sensing and GIS Techniques", International Journal of Science and Innovative Engineering and Technology, Vol.01, Issue 01, pp.1-7 (2016).
22. R.Regupathi, **G.Venkatesan**, K.Loganathan and K.Madhan, "Experimental Investigation on HPRC Beams Subjected to Cyclic Loading", International Journal of Engineering Research & Technology, Vol.5, Issue 04, pp.108-115 (2016).
23. **G.Venkatesan**, K.Loganathan, K.Madhan, S.Karthik and B.Nagarajan, "Analysis and Reuse of Ground Water Near Cooum River", International Journal of Engineering Research & Technology, Vol.5, Issue 03, pp.366-372 (2016).
24. B.Nagarajan, **G.Venkatesan** and Santhosh Kumar C, "A Study of Scheduling Algorithms to Maintain Small Overflow Probability in Cellular Networks with a Single Cell", International Journal of Advanced Computer Science and Information Technology, Vol.5, Issue 01, pp.78-82 (2016).
25. R.Aisswarya, **G.Venkatesan**, R.Regupathi and G.Jenitha, "Effect of Copper Slag and Recycled Aggregate In The Behaviour of Concrete Composite", International Journal of Applied Engineering Research, Vol.10, Issue 53, pp.117-120 (2015).
26. R.Aisswarya, **G.Venkatesan**, A.R.Rukesh, Kirubanandan, G.Jenitha, "An Experimental Study on The Behaviour of Concrete by Addition of Bamboo as Fibre and Comparing it with the Conventional Concrete", International Journal of Applied Engineering Research, Vol.10, Issue 53, pp.207-212 (2015).

27. **G.Venkatesan**, Aishwaryya R, Renjinny A S and Pavithra M, " Surface & Groundwater Management A Remote Sensing and GIS based", International Organisation of Scienific Research and Devolpment, Vol.1, Issue 2, pp.158-162 (2014).
28. R.Aisswarya, **G.Venkatesan**, K.Alagusankareswari, B.Vignesh Karthik,"Analytical and Experimental Studies on GFRP Compression Behaviour", International Journal of Advanced Information Science and Technology, Vol.32, Issue 32, pp.108-110 (2014).
29. R.Aisswarya, **G.Venkatesan**, B.Vignesh Karthik, T.Esaithendral, "Behaviour of Cold Formed Steel Plain Channel Section Using Eccentric Loading", International Journal of Advanced Information Science and Technology, Volume 32, Issue .32, pp.59-66 (2014).
30. D.Sivakumar, V.Balasundaram, **G.Venkatesan**, S.P.Saravanan, "Effect of Tamarind Kernel Powder for Treating Dairy Industry Wastewater". Pollution Research, Volume 33, Issue.3, pp.519-523 (2014).
31. **G.Venkatesan** and P.Raj Chandar, "Possibility Studies and Parameter Finding for Interlinking of Thamirabarani and Vaigai Rivers in Tamil Nadu, India", International Journal of Advanced Earth Science and Engineering, Vol.1, Issue 1, pp.16-26 (2012).

Papers Published in Conferences:

Research Papers Published in International Conferences: 15

Research Papers Published in National Conferences: 15

1. Venkatesan G, "Cost-effective treatment for polluted groundwater using eco-friendly biocoagulants", at the International Conference on the Sustainable Technologies in Water Treatment and Desalination (STWTD-2022) to be held at the Department of Chemical Engineering, National Institute of Technology Calicut, Kerala, India on 28thJanuary 2022 to 29th January 2022.
2. Venkatesan G, "Experimental Investigation on Load Carrying Capacity of Hollow and Composite Pile materials in Layered Soil", at the International Conference on "Intelligent Systems and Controls (ISCO'22)" organised byKarpagam College Engineering, Coimbatore collaboration with TR DSP Lab, Oakland University, USA. ISBN: 978-93-5493-155-0held on 11thJanuary 2022 to 12thJanuary2022.
3. Venkatesan G, "Consequence of Nano-Silica on compaction, swell-shrink and strength behaviour of wide soil", in the TEQIP-III-CoE-ES sponsored Two days Online International Conference on "Environmental-friendly Construction Materials, Methods and Systems" (EFCMS'21), Organized by the Department of Civil Engineering, Government College of Technology, Coimbatore on 11-March-2021 to 12-March-2021.
4. Venkatesan G, "Demarcation of non-carcinogenic risk zones based on the intake of contaminated groundwater in an industrial area of northern Tamil Nadu using geospatial techniques", International E - Conference on Recent Advances in Conservation and Utilization of Water, Sponsored All India Council for Technical Education (AICTE) organized by Department of Civil Engineering, ISBN no: ISBN 978-93-89631-61-6|ICRACUW. from 26-Augr-2020 to 27-Aug-2020.

5. Venkatesan G, "Geomedical health risks associated with geogenic gamma radiation and fluoride rich groundwater in Sevathur Carbonatite Complex of South India". International E - Conference on Recent Advances in Conservation and Utilization of Water, Sponsored All India Council for Technical Education (AICTE) Organized by Department of Civil Engineering, ISBN no: ISBN 978-93-89631-61-6| ICRACUW. from 26-Augr-2020 to 27- Aug-2020.
6. Venkatesan G, "Categorization of groundwater quality zones using GIS to enhance agricultural practices in the semi-arid Kodavanar River basin of South India". International E - Conference on Recent Advances in Conservation and Utilization of Water, Sponsored All India Council for Technical Education (AICTE) Organized by Department of Civil Engineering, ISBN no: ISBN 978-93-89631-61-6| ICRACUW. from 26-Augr-2020 to 27-Aug-2020.
7. G.Venkatesan "Behaviour of Cold Formed Steel plain channels under Axial and EccentricCompressive loads" presented in a National level conference on 5th National Conference onRecent Innovations in Engineering, Technology, Management & Applications (RIETMA2K19), organised by Priyadarshini Engineering College, Vaniyamabadi, Tamil Nadu, Indiafrom 15-Mar-2019 to 16-Mar-2019.
8. G.Venkatesan "An Experimental Investigation on HPC with partial replacement of FAwith foundry sand" presented in a International level conference on Electrical,Electronics, Computers, Communication, Mechanical and Computing (EECCMC)-2018, with catalog "CFP18037-PFT:978-1-5386-4303-7", organised byPriyadarshini Engineering College, Vaniyambadi, Tamil Nadu, India from 28 - Jan2018 to 29-Jan-2018.
9. G.Venkatesan "Seismic Performance enhancement of Structures using Passive energydissipation devices" presented in a International level conference on Electrical,Electronics, Computers, Communication, Mechanical and Computing (EECCMC)-2018, with catalog "CFP18037-PFT:978-1-5386-4303-7", organised byPriyadarshini Engineering College, Vaniyambadi, Tamil Nadu, India from 28 - Jan2018 to 29-Jan-2018.
10. G.Venkatesan and T.Subramani, "Groundwater potential and its appropriateness fordrinking and agriculture purpose in Vellore District, South India using Remote Sensingand GIS Techniques" presented in a International level conference on Civil, Mechanical,Chemical Engineering and Technologies-2018 (ICCMCT-2018), organised by SVSCollege of Engineering, Coimbatore, Tamil Nadu, India from 23-Feb-2018 to 24-Feb2018.
11. G.Venkatesan and T.Subramani, "Environmental degradation due to use of industrial wastewater for agriculture in Vellore District, Tamil Nadu, India using remote sensing and GIS techniques " presented in a International level conference on Membrane Technology and itsapplications (MEMSEP-2017), organised by National Institute of Technology (NIT),Tiruchirappalli, India from 21-Feb-2017 to 23-Feb-2017.

12. G.Venkatesan, B.Nagarajan, C.Santhosh Kumar and T.Subramani, " Mangroves and Landuse Mapping of Sagar, Lothian and Jambudwip Islands of Sunderbans, WestBengal " presented in a International level conference on Membrane Technology and its applications (MEMSEP-2017), organised by National Institute of Technology (NIT),Tiruchirappalli, India from 21-Feb-2017 to 23-Feb-2017.
13. G.Venkatesan and T.Subramani, "Analysis of Surface Water for Agricultural usage in PalarRiver basin in Vellore District" presented in a National level conference on 3rd National Conference on Recent Innovations in Engineering, Technology, Management & Applications(RIETMA-2K17), organised by Priyadarshini Engineering College, Vaniyamabadi, TamilNadu, India from 07-Apr-2017 to 08-Apr-2017.
14. G.Venkatesan and K.Madhan "An Experimental Investigation of High performance concrete with partial replacement of fine aggregate with foundary sand" presented in a National level conference on 3rd National Conference on Recent Innovations in Engineering, Technology, Management & Applications (RIETMA-2K17), organised by Priyadarshini Engineering College, Vaniyamabadi, Tamil Nadu, India from 07-Apr-2017 to 08-Apr-2017.
15. G.Venkatesan and K.Madhan "Seismic perfomance enhancement of structure using passiveenergy dissipation devices" presented in a National level conference on 3rd National Conference on Recent Innovations in Engineering, Technology, Management & Applications(RIETMA-2K17), organised by Priyadarshini Engineering College, Vaniyamabadi, TamilNadu, India from 07-Apr-2017 to 08-Apr-2017.
16. G.Venkatesan and K.Loganathan "Experimental Investigation on self curing concrete"presented in a National level conference on 3rd National Conference on Recent Innovations in Engineering, Technology, Management & Applications (RIETMA-2K17), organised by Priyadarshini Engineering College, Vaniyamabadi, Tamil Nadu, India from 07-Apr-2017 to 08-Apr-2017.
17. G.Venkatesan and R.Regupathi "Experimental Studies on High Performance Concrete using Natural Fibre (COIR FIBER)" presented in a National level conference on 2rd National Conference on Recent Innovations in Engineering, Technology, Management & Applications (RIETMA-2016), organised by Priyadarshini Engineering College, Vaniyamabadi, Tamil Nadu, India from 15-Apr-2016 to 16-Apr-2016.
18. G.Venkatesan and T.Subramani, "Case study on environmental impact due to industrial waste water in Vellore District, Tamil Nadu, India using geospatial techniques" presented in a National level conference on 2rd National Conference on Recent Innovations in Engineering, Technology, Management & Applications (RIETMA-2016), organised by Priyadarshini Engineering College, Vaniyamabadi, Tamil Nadu, India from 15-Apr-2016 to 16-Apr-2016.
19. G.Venkatesan and T.Subramani, "Parameter finding for case study of environmental degradation due to industrial pollution in Vellore, Tamil Nadu, India using Remote Sensing and GIS techniques" presented in a International level conference on Science and Innovative Engineering (ICSIE 2016), organised by Jawahar Engineering College, Chennai, India from 03-Apr-2016.

20. G.Venkatesan and T.Subramani, "Possibility Studies and Parameter Finding for Environmental Degradation Due to Industrial Pollution In Vellore, Tamil Nadu, India Using Remote Sensing and GIS Techniques" presented in a International level conference on Recent Trends in Mechanical and Civil Engineering (ICRTMCE'16), organised by Christian College of Engineering and Technology, Dindigal, Tamil Nadu, India from 17-Mar-2016 to 19-Mar-2016.
21. G.Venkatesan and K.Loganathan, "Performance Study of T - Beam using Coconut Shell Concrete" presented in a International level conference on Recent Trends in Mechanical and Civil Engineering (ICRTMCE'16), organised by Christian College of Engineering and Technology, Dindigal, Tamil Nadu, India from 17-Mar-2016 to 19-Mar-2016.
22. G.Venkatesan and K.Loganathan, "Experimental Investigation of Recycled Coarse Aggregate using Concretes " presented in a International level conference on Recent Trends in Mechanical and Civil Engineering (ICRTMCE'16), organised by Christian College of Engineering and Technology, Dindigal, Tamil Nadu, India from 17-Mar-2016 to 19-Mar-2016.
23. G.Venkatesan and R.Aishwarya, "Experimental Analysis of Light Weight Concrete" presented in a National level conference on Advances and Innovations in Civil Engineering (AICE'15), organised by VelTech High Tech Dr. Rangarajan and Dr. Sakunthala Engineering College, Chennai, Tamil Nadu, India from 15-Sep-2015.
24. G.Venkatesan and R.Aishwarya, "Strength Analysis of Concrete by using Iron Slab as Partial Replacement in Conventional Concrete " presented in a National level conference on Advances and Innovations in Civil Engineering (AICE'15), organised by VelTech High Tech Dr. Rangarajan and Dr. Sakunthala Engineering College, Chennai, Tamil Nadu, India from 15-Sep-2015.
25. G.Venkatesan and R.Aishwarya, " Experimental study on Foam Concrete" presented in a National level conference on Advances and Innovations in Civil Engineering (AICE'15), organised by VelTech High Tech Dr. Rangarajan and Dr. Sakunthala Engineering College, Chennai, Tamil Nadu, India from 15-Sep-2015.
26. G.Venkatesan and R.Aishwarya, "Experimental Investigation on Concrete by Partial Replacement using Floor Tiles" presented in a National level conference on Advances and Innovations in Civil Engineering (AICE'15), organised by VelTech High Tech Dr. Rangarajan and Dr. Sakunthala Engineering College, Chennai, Tamil Nadu, India from 15-Sep-2015.
27. G.Venkatesan and R.Aishwarya, "Ground Water Improvement Technique using Remote Sensing and GIS" presented in a National level conference on Advances and Innovations in Civil and Mechanical Engineering (AICME 2014), organised by VelTech High Tech Dr. Rangarajan and Dr. Sakunthala Engineering College, Chennai, Tamil Nadu, India from 23-Aug-2014.

28. G.Venkatesan "Interlinking of Thamirabarani and Vaigai Rivers using Remote Sensing Techniques" presented in a Second National conference on Latest Advancements in Civil Engineering (LACE 2012), organised by R.M.K. Engineering College, Chennai, Tamil Nadu, India from 21-Apr-2012.
29. G.Venkatesan "Interlinking of Thamirabarani and Vaigai Rivers using Remote Sensing Techniques" presented in a National conference on Recent Trends in Civil Engineering, organised by Christian College of Engineering and Technology, Dindigal, Tamil Nadu, India from 30-Mar-2012.
30. G.Venkatesan "Interlinking of Thamirabarani and Vaigai Rivers using Remote Sensing Techniques" presented in a National conference on Emerging Trends in Civil Engineering, organised by Roever College of Engineering and Technology, Perambalur, Tamil Nadu, India. In association with Council of Scientific and Industrial Research (CSIR) from 30-Mar-2012.

Paper Presented in Seminar:

1. G.Venkatesan "Assessment of Environmental Degradation due to Industrial Pollution" presented in a National level seminar on Signal Processing, Statistics and Analysis, organised by Department of Electronics and Communication Engineering, Priyadarshini Engineering College, Vaniyamabadi, Tamil Nadu, India, sponsored by The Institution of Engineers (India), from 08-July-2019 to 09-July-2019.
2. G.Venkatesan "Dairy Industry wastewater treatment using Tamarind kernel seed powder" presented in a National level seminar on Multi challenges in water and wastewater treatment technologies (MCWWTT'14), organised by Department of Civil Engineering, VelTech HighTech Dr.Rangarajan and Dr.Sakunthala Engineering College, Chennai, Tamil Nadu, India, sponsored by All India Council for Technical Education, New Delh, from 24-Jan-2014.
3. G.Venkatesan "Possibility studies and Parameter finding for Interlinking of Thamirabarani and Vaigai Rivers in Tamil Nadu" presented in a National level seminar on Quest for Innovations in Civil Engineering (QICE'13), organised by Department of Civil Engineering, VelTech HighTech Dr.Rangarajan and Dr.Sakunthala Engineering College, Chennai, Tamil Nadu, India, sponsored by Council of Scientific and Industrial Research, New Delh, from 30-Oct-2013.

Government Project Activities:

- One Month Practical Training work in GPS Survey and Mapping using ARC GIS along the lower boundary of Reserved Forests in Western Ghats area of Tirunelveli Forest Division, State Government, Tamil Nadu.
- PG Project in Interlinking of Rivers Using Remote Sensing and GIS Techniques.

Programme Organized:

1. Organizing Coordinator, National level exclusive webinar on "Recent Advancements and Career Opportunities in Construction, Real Estate, Infrastructure and Engineering Projects Management", Saveetha(Autonomous) Engineering College, Chennai, from 21-January-2022.
2. Organizing Coordinator, National level workshop on "Modelling Techniques used for Environmental and Hydrological Systems", Priyadarshini Engineering College, Vaniyambadi, Thirupattur District, from 11-Sep-2015.
3. Organizing Coordinator, National level symposium on "REIN4Z-2K16", Priyadarshini Engineering College, Vaniyambadi, Thirupattur District, from 12-Apr-2016.
4. Organizing Coordinator, National level seminar on "Latest Trends in Concrete Technology (LTCT)", Priyadarshini Engineering College, Vaniyambadi, Thirupattur District, from 13-Apr-2016.
5. Organizing Coordinator, National level symposium on "REIN4Z-2K17", Priyadarshini Engineering College, Vaniyambadi, Thirupattur District, from 18-Aug-2017.

Programme Attended:

1. Participated and completed successfully on AICTE - Sponsored Six Days Online STTP on "Disaster Risk Management - Phase II" organized by the Department of Civil Engineering, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli from 06th December 2021 to 11th December 2021.
2. Participated and completed successfully on "AICTE Incorporating Universal Human Values in Education (An AICTE Initiative)" in AICTE, New Delhi, held on 13-September-2021 to 17-September-2021.
3. Participated and completed successfully AICTE Training and Learning (ATAL) Academy online FDP on "Modern Trends in Civil Engineering & Construction Industry" in College of Engineering Kidangoor, New Delhi, held on 02-August-2021 to 06-August-2021.
4. Participated and completed successfully Three days faculty development program on "Industrial Revolution 4.0: Future opportunities and challenges in Civil Engineering" in Department of Civil Engineering from M S Ramaiah Institute of Technology, Bangalore, held on 28-July-2021 to 30-July-2021.
5. Participated and completed successfully AICTE - RGPV TTP organized at Acropolis Institute of Technology & Research, Indore "GIS & Remote Sensing Application and Techniques" in Rajiv Gandhi Proudhyog Participated and completed successfully AICTE Training and Learning (ATAL) Academy online FDP on "GIS and Remote Sensing" in University College of Engineering, JNTU Kakinada, held on 04-January-2021 to 08-January-2021.

6. Participated and completed successfully AICTE Training and Learning (ATAL) Academy online FDP on “Waste Technology” in Dr.M.G.R Educational and Research Institute, Chennai, held on 26-October-2020 to 30-October-2020.
7. Participated and completed successfully AICTE Training and Learning (ATAL) Academy online FDP on “Geospatial Technologies for Smart Cities Development” in Kumaraguru College of Technology, Coimbatore, held on 19-October-2020 to 23-October-2020.
8. Participated in the AICTE – Sponsored online Short Term Training Programme (STTP) on “expanding horizons of nanotechnology in engineering medicine and biotechnology” in Coimbatore Institute of Technology, Coimbatore, held on 21-September-2020 to 26-September-2020.
9. Participated and completed successfully AICTE Sponsored online Short Term Training Programme (STTP) on “Artificial Intelligence and Machine Learning Algorithms for Cyber Security Solutions” in SA Engineering College, Chennai, held on 23-November-2020 to 28-November-2020.
10. Participated in the TEQIP-III Sponsored Short Term Training Programme on “Research Avenues, Field Practices and Case Studies in Geotechnical Engineering” in Government College of Technology, Coimbatore, held on 16-June-2020 to 22-June-2020.
11. Participated in the One Day International Level webinar on “Design Concepts in Raft Foundation for High Rise Buildings” in Kuppam Engineering College, Kuppam, Andhra Pradesh, in association with the Indian Concrete Institute, held on 18-July-2020.
12. Participated in the National level webinar on “Fundamentals of Applied Mathematics” organized by the Department of Mathematics, Selvamm Arts & Science College (Autonomous), Namakkal, Tamil Nadu, India, on 27-July-2020.
13. Participated in the Short Term Training Programme on “Wastewater Engineering” in Anna University, Chennai, jointly sponsored by AICTE, Delhi held on 09-Dec-2019 to 13-Dec-2019.
14. Completed 8 Weeks NPTEL course and NPTEL-AICTE Faculty Development Programme on “Digital Land Surveying and Mapping” conducting during January – Apr 2019, funded by MHRD, Govt. of India.
15. Participated in the National Level Workshop on “Recent Advancement in Water Quality Monitoring and Sustainable Management for Human Health Care(Water Care-2019)” in Sri Shakthi Institute of Engineering and Technology, Coimbatore, held on 3-Jan-2019 to 5-Jan-2019.
16. Participated in One day Workshop on “R Programming” organized by the TeachinLearning Centre, ICT at IIT Bombay, PMMMNMST, MHRD held at PriyadarshiniEngineering College, Vaniyambadi, on 9-Nov-2019.
17. Participated in One day Workshop on “Python” organized by the TeachinLearning Centre, ICT at IIT Bombay, PMMMNMST, MHRD, held at PriyadarshiniEngineering College, Vaniyambadi, on 22-Jun-2019.

18. Participated in the National level workshop on "How to convert idea into Intellectual Property Rights (IPR)", in Priyadarshini Engineering College, Vaniyambadi, Vellore Dist, held on 15-Jun-2018.
19. Participated in the Faculty Development Programme on "Role of Mentoring in Higher Education–A need for 21st Century", in Priyadarshini Engineering College, Vaniyambadi, Vellore Dist, held on 21-May-2018.
20. Participated in the National level workshop on "Challenges in Engineering Research & Publications", in Priyadarshini Engineering College, Vaniyambadi, Vellore Dist, held on 11-May-2018.
21. Participated in the National level workshop on "Research Methods", in Priyadarshini Engineering College, Vaniyambadi, Vellore Dist, held on 31-Aug-2018.
22. Participated in the National level workshop on "Intellectual Property Rights and Patents", in Priyadarshini Engineering College, Vaniyambadi, Vellore Dist, held on 07-Sep-2018.
23. Participated in the National level workshop on "Myths and realities of R&D at Colleges: Opportunities, Challenge & Report Writing and Plagiarism Checking", in Priyadarshini Engineering College, Vaniyambadi, Vellore Dist, held on 18-Nov-2017.
24. Participated in the National level workshop on "Intellectual Property Rights and Innovations", in Priyadarshini Engineering College, Vaniyambadi, Vellore Dist, held on 14-Dec-2017.
25. Participated in the Faculty Development Programme on "Teaching and Learning Enhancement through Outcome Based Education" in Valliammai Engineering College, Chennai, held on 7-Dec-2017 to 8-Dec-2017.
26. Participated in the Faculty Development Training Programme on "Environmental Management for Sustainable Development" in Bannari Amman Institute of Technology, Erode, held on 17-Apr-2017 to 21-Apr-2017.
27. Participated in the Faculty Development Programme on "GIS and GPS" in Knowledge Institute of Technology, Salem, held on 18-May-2016.
28. Participated in the National Seminar on "Latest Trends in Concrete Technology", in Priyadarshini Engineering College, Vaniyambadi, Vellore Dist, held on 13-Apr-2016.
29. Participated in the National Seminar on "Case Studies in Geotechnical Engineering", in Anna University, Chennai, held on 21-Mar-2016.
30. Participated in the National Level Workshop on "Environmental Degradation Due to Industrial Pollution" in Saveetha Engineering College, Chennai, held on 14-Sep-2015 to 16-Sep-2015.
31. Participated in the National Level Workshop on "Modeling Techniques used for Environmental and Hydrological Systems" in Priyadarshini Engineering College, Vaniyambadi, held on 11-Sep-2015.

32. Participated in the National Seminar on "Remote Sensing and GIS Applications in Coastal Zone Management", in Kongu Engineering College, Perundurai. Sponsored: MoES held on 17-July-2015.
33. Participated in the Faculty Development Programme on "Dynamics of Soils and Foundation", NIT, Calicut, Kerala held on 26-May-2014 to 31-May-2014.
34. Participated in the Faculty Development Programme on "Research Methodologies in Engineering and Technology" in Vel Tech High Tech Dr.Rangarajan and Dr.Sagunthala Engineering College, Chennai, held on 08-May-2014 to 09-May-2014.
35. Participated in the National Seminar on "Recent Trends in Computer Aided Design- RTCAD'14" in Vel Tech High Tech Dr.Rangarajan and Dr.Sagunthala Engineering College, Chennai, held on 30-Apr-2014.
36. Participated in the Faculty Development Programme on "Modelling Techniques for Environmental and Hydrological Systems", NIT, Calicut, Kerala, held on 08- Dec-2013 to 14-Dec-2013.
37. Participated in the Faculty Development Programme on "Teaching Methodologies" in Vel tech High tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai, held on July 2013.
38. Participated in the Faculty Development Programme on "CE2302-Structural Analysis-I", Anna University (CEG), Chennai, held on 05-June-2013 to 12-June-2013.
39. Participated in the Society of Geologists meet on "Growth and Advantages of the Geological Sciences" from CEG, Anna University, Chennai, held on 18-Feb-2011 to 19- Feb-2011.
40. Participated in National Level one day Seminar on "Impacts of Climate Change" in Sri Krishna College of Technology, Coimbatore, held on 24-Jan-2012.

Invited Lectures:

1. Delivered a Guest Lecture on "Evaluation of chromium in vegetables and groundwater aptness for crops from an industrial (leather tanning) sector of South India " Organized by the Faculty Training Centre in association with Department of Industrial Biotechnology and Department of Civil Engineering, Government College of Technology, Coimbatore (Date: 23.12.2021).
2. Delivered a guest speaker of the webinar on "Impact of precipitation disparity on groundwater fluctuation using geospatial techniques" " Organized by Department of Civil Engineering, Rajalakshmi Engineering College, Chennai (Date: 28.12.2021).

3. Delivered a guest speaker of the webinar on "Identification of groundwater pollution using geospatial techniques-a case study" Organized by Department of Civil Engineering, Rajalakshmi Engineering College, Chennai (Date: 30.12.2021).

Industry Trainings Activities

1. One Week Practical Training in DSM Software Company at Trichy in photogrammetric Field.
2. In Plant Training (IPT) for one Week from Vellore BST.

Personal Information

- Date of Birth : 26th May1988.
- Gender : Male.
- Father Name : Govindaraji.C.
- Mother tongue : Tamil.
- Nationality : Indian.
- Marital Status : Married (2 Daughters).
- Languages : English, Telugu, Tamil, Kannadam.
- Permanent address : 1/135,Thiriyalam(P),
Jolarpet, Tirupattur
District-635851. Tamil Nadu, India.

Declaration

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

PLACE: Chennai
DATE:

Dr.G.VENKATESAN