

FACULTY PROFILE

Name : **Dr. S. SENTHAMIL KUMAR**

Designation : Professor

Department : Civil Engineering

Educational Qualification : Ph. D.(Soil Dynamics, Liquefaction) – Anna University-Chennai (2009)

M. E. (Geotechnical Engineering) – Annamalai University, Chidambaram (1995), First Class

B. E.(Civil Engineering) – Madurai Kamaraj University (1990), First Class

Subject of Interest : Geotechnical Engg., Soil Dynamics & Earthquake

Engineering, Project Management, Sustainable Construction Technology, Green Building Concept, Solid & Liquid Waste Management, FEM, Water Resources, GIS & Remote Sensing

Publications : : International Journal:

1. Senthamilkumar S., Natarajan C. and Muthukumar K. (2009) “Multilinear Regression . Analysis for Seismic Response and Engineering Properties of Liquefiable Coromandel Coastal Soil Deposits”, International Journal of Geotechnical and Geological Engineering, Springer, Vol. 27, No. 3, pp. 439-453 (DOI 10.1007/s10706-008-9244-x)
2. Nagarajan R., Rajmohan N., Mahendran U. and Senthamilkumar S. (2010) “Evaluation of Ground Water Quality and its Suitability for Drinking and Agriculture use in Thanjavur City, Tamilnadu, India” International Journal of Environmental Monitoring and Assessment, Vol. 171, No. 1-4, pp. 289-308. (DOI 10.1007/s10661-009-1279-9), Impact factor - 1.4
3. Sivapriya C., Senthamilkumar S., Devadass M., (2014), “Time and Cost Management in Precast Concrete Constructions”, International Journal of Scientific Research, Special Issue, Vol. 3, No. 4, pp. 171-174. (Journal DOI : 10.15373/22778179, IF – 1.8651)
4. Raghavan. A.R., Mariappan. P and Senthamilkumar. S. (2014), “Cost Economics of Iron removal Plants” Global Journal for Research Analysis, Vol. 3, No. 11, pp. 1-4. (Journal DOI : 10.15373/22778160, IF – 1.5408)
5. Balaji B., Mariappan. P and Senthamilkumar. S. (2014), “Technology Options for Sewerage System” Global Journal for Research Analysis, Vol. 3, No. 11, pp. 4-6. (Journal DOI : 10.15373/22778160, IF – 1.5408)
6. Manikandan P. and Senthamilkumar S., (2014), “Study on Recycled Waste Plastic Concrete”, Global Journal for Research Analysis, Special Issue, Vol. 3, No. 11, pp. 7-9. (Journal DOI : 10.15373/22778160, IF – 1.5408)



7. Ramachandran, N., Jegajothi, G., Senthamilkumar, S. and Subramaniam, L.J. (2014), "Ingredients of Technovation Towards Sustainable Development of Educational Institutions", *Global Journal for Research Analysis*, Volume-3, Issue-11, ISSN No 2277 – 8160, pp:156-158
8. Balaji B., Mariappan P. and S. Senthamilkumar (2015), "A Cost Estimate Model for Sewerage System" *ARNP Journal of Engineering and Applied Sciences*, Vol. 10, NO. 8, ISSN 1819-6608. Impact Factor 1.73, H Index: 7
9. Vaishali S , Senthamilkumar S (2015), "Study on Physical Characterization of Municipal Solid Waste at Thanjavur" *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, Volume 3 Issue X, ISSN: 2321-9653, pp. 226-231, (IF – 1.214)
10. Manikandan P, Senthamilkumar S (2015), "Behavior of E Waste Plastics in Concrete" *International Journal for Research in Applied Science & Engineering Technology (IJRASET)*, Volume 3 Issue X, ISSN: 2321-9653, pp. 224-225, (IF – 1.214)
11. Vaishali S , Senthamilkumar S (2015), "Review of Biodegradable Waste Characterization in Biomethanation Plant" *International Journal of Innovative Research in Science, Engineering and Technology (IJRASET)*, Volume 4 Issue 12, ISSN(Online): 2319-8753, DOI:10.15680, pp. 12267-12269 (IF – 5.442)
12. Manikandan P, Senthamilkumar S (2015), "Compressive Strength of Concrete using Plastic Waste" *International Journal of Innovative Research in Science, Engineering and Technology (IJRASET)*, Volume 4 Issue 12, ISSN(Online): 2319-8753, DOI:10.15680, pp. 12315- 12320, (IF – 5.442)
13. Sankar C. and Senthamilkumar S.(2015), "Classification and Specification of Lineaments using GIS and Remote Sensing Techniques for Western Cauvery Delta, Thanjavur and Thiruvarur Districts, Tamil Nadu, India", *International Journal of Advances in Applied Science Research*, ISSN: 0976-8610, Vol.6 Issue 12, pp.76-84. (IF - 0.533)
14. Sankar C., Senthamilkumar S. and Lakshumanan C., (2016), "Geological, Geomorphological and Geotechnical Investigation for Orathanadu Block using GIS and Remote Sensing Techniques, Thanjavur District, Tamilnadu", *International Journal of Archives of Applied Science Research*, ISSN 0975-508X, Vol. 8 Issue 1, pp.20-29.
15. Sankar C., Senthamilkumar S. and Lakshumanan C., (2016), "Surface and sub surface soil mapping using geological and geotechnical investigation for Western Cauvery Delta, Thanjavur and Thiruvarur Districts, Tamil Nadu, India", *IOSR Journal of Applied Geology and Geophysics*, e-ISSN: 2321-0990, p-ISSN: 2321-0982. Vol. 4, Issue 1 Ver. I, PP 49-57. (IF – 1.256)
16. Subramanian C V, Ramachandran N, and Senthamilkumar S. (2016), "Comparative Investigation of Traditional, Modern and Designed Solar Passive Building for Thermal Comfort in Thanjavur Region", *International Journal of Innovations in Engineering and Technology (IJIET)*, ISSN: 2319-1058, Vol. 7, Issue 2, PP 283-291. (IF – 0.672)

17. Ashok J, Senthamil kumar S, Sathesh kumar P and Jeganathan M (2016) "Analysis of Meteorological Conditions of Cuddalore District" Indo – Asian Journal of Multidisciplinary Research, DOI: 10.21276/iajmr.2016.2.3.3, Vol. 2, No. 3 pp: 603 – 608
18. Ashok J, Senthamil kumar S, Sathesh kumar P and Jeganathan M (2016) "Analysis of Meteorological Conditions of Ariyalur District" Life Science Archives (LSA), JPS Scientific Publications Ltd., ISSN: 2454-1354, DOI: 10.21276/lisa.2016.2.3.9, Volume – 2; Issue - 3; Page: 579 – 585
19. Subramanian C V, Ramachandran N, and Senthamilkumar S. (2016), "Performance Evaluation Of The Designed Solar Passive Architecture Incorporated Residence in Warm Humid Climate", International Journal of Civil Engineering & Technology (IJCIET), ISSN Online: 0976 - 6316, Vol:7, Issue: 6, PP 523 - 535. (Impact Factor (2016): 9.7820)
20. Subramanian C V, Ramachandran N, and Senthamilkumar S. (2017), "Performance Evaluation of Traditional and Modern Residential Buildings for Thermal Comfort by Questionnaire Survey in Thanjavur", International Journal of Civil Engineering & Technology (IJCIET), ISSN Online: 0976-6316, Vol:8 Issue: 2, PP 440 - 451. (Impact Factor (2016): 9.7820)
21. Yogapriya. G, Senthamilkumar, S. (2017), "Studying the Urban Characteristics of a Heritage Town to Develop Sustainable Urban Strategy – A Case Study of Kumbakonam", International Research Journal of Engineering and Technology, ISSN: 2395 -0056, Volume: 04 Issue: 08, pp:746-749, IF: 5.181
22. Yogapriya. G, Senthamilkumar, S. (2017), "Analyzing the heritage potential of a temple town using GIS – A Case study of Kumbakonam" International Journal of Innovations in Engineering and Technology (IJiet), <http://dx.doi.org/10.21172/ijiet.82.038>, ISSN: 2319 - 1058, Volume: 08 Issue: 02, pp:261-266, IF: 5.181
23. Manikandan P. and Senthamilkumar S., (2017), "Study on Recycled E Waste In Reinforced Concrete Beam Under Gradual Loading Conditions", International Journal of Civil Engineering & Technology (IJCIET), ISSN Online: 0976-6316,, Vol. 8, No. 12, pp. 1107-1114. (Scopus Indexed)
24. Vetrivelvan M. and Senthamilkumar S., (2017), "Study on High Performance Concrete Beam Under Cyclic Loading Conditions by Partial Replacement of Fly Ash and Quarry Dust", International Journal of Civil Engineering & Technology (IJCIET), ISSN Online: 0976-6316,, Vol. 8, No. 12, pp. 1098-1106. (Scopus Indexed)
25. Manikandan P. and Senthamilkumar S., (2018), "Study on T Beam Concrete Under Gradual Loading Conditions by Using Recycled E Waste in Concrete", International Journal of Civil Engineering & Technology (IJCIET), ISSN Online: 0976-6316,, Vol. 9, No. 8, pp. 614–620. Article ID: IJCIET_09_08_061, (Scopus Indexed)

26. Vetrivelvan M. and Senthamilkumar S, (2018), "Study on Structural Properties of Concrete by Partial Replacement of Fly Ash and Quarry Dust", International Journal of Civil Engineering & Technology (IJCIET), ISSN Online: 0976-6316,, Vol. 9, No. 8, pp. 621–626. Article ID: IJCIET_09_08_062, (Scopus Indexed)
27. Yogapriya. G, Senthamilkumar, S. (2018), "Review of Application of GIS in Built Heritage Conservation" International Journal of Recent Trends in Engineering & Research (IJRTER), DOI:10.23883/IJRTER.2018.4317.GJKZ6, ISSN: 2455-1457, Volume: 0 4 Issue: 0 6, pp:67-70, IF: 4.101
28. Ashok J, Senthamil kumar S, Sathesh kumar P and Jeganathan M (2018) "Air Quality Assessment of Neyveli in Cuddalore District, Tamilnadu, India", International Journal of Civil Engineering & Technology (IJCIET), 729-735 ID: IJCIET_09_12_077, ISSN Online: 0976-6316, Vol: 9 Issue: 12, PP 729-735. (Impact Factor (2016): 9.7820)
29. Ashok J, Senthamil kumar S, Sathesh kumar P and Jeganathan M (2019) "Estimation of Cement Kiln Exhaust on Air Quality of Ariyalur in terms of Suspended Particulate Matter- A Case Study ", International Journal of Civil Engineering & Technology (IJCIET), 729-735 ID: IJCIET_09_12_077, ISSN Online: 0976-6316, Vol: 10 Issue: 1, PP 498-508. (Impact Factor (2016): 9.7820)

International Conferences:

1. Senthamilkumar S., Suppiah S. and Natarajan C. (2004) 'Effect of Over-Consolidation Ratio on Strength Parameters of Marine Clay along the Coromandel Coastal Soil' in the Proceedings of 4th International Conference on Land Slides, Slope Stability and the Safety of Infra-Structures-2004, Kuala Lumpur, Malaysia. pp. 141-146.
2. Senthamilkumar S., Suppiah S. and Natarajan C. (2006) 'Estimation of Liquefaction Induced Settlement and Remedial Measures for the Soil Deposits in Nagapattinam taluk' Proceedings of International conference on Earthquake Engineering (ICEE 2006) at Shanmuga Arts, Science, Technology and Research Academy (SASTRA) Deemed University, Thanjavur, India, pp. 534-543.
3. Senthamilkumar S., Natarajan C. and Muthukumaran K. (2007) 'Empirical Correlation of Liquefaction Induced Settlement of Coromandel Coastal Sand Deposits', International Workshop on Earthquake Hazards and Mitigation, IIT-Guwahati, India, 7-8, pp. 370-377.
4. Senthamilkumar S., Natarajan C. and Muthukumaran K. (2007) 'Assessment of Seismic Site Characteristic of Nagapattinam Coromandel Coastal Sand Deposits', International Workshop on Earthquake Hazards and Mitigation, IIT-Guwahati, India, 7-8, pp. 378-386.
5. Jayanthi R., Senthamilkumar S. and Latha R. (2011), "Application of Partial Differential Equation in Contaminant Transport Modeling" International Conference on Algebra and its Application, Periyar Maniammai University, Vallam, Thanjavur. pp.609-624

6. Ravichandran, G., Senthamilkumar S., Subramanian L.J. and Ramachandran N. (2011), "Appropriate Proportion of Materials for Fly Ash Interlocking Block" International Conference on Algebra and its Application, Periyar Maniammai University, Vallam, Thanjavur. pp. 647-659
7. Latha R., Kaviya, B. L. and Senthamilkumar S. (2013), "Effect of Green Energy Building Concepts and Design on Construction Engineering Management", International Conference on Disaster Mitigation and Management towards Sustainable Development, Periyar Maniammai University, Vallam, Thanjavur.
8. Manikandan P. and Senthamilkumar S., (2014), "Study on Recycled Waste Plastic Concrete", International Conference on Creativity and Innovation for Business Sustainability, School of Humanities, Sciences and Management, Periyar Maniammai University, Vallam, Thanjavur.
9. Balaji B., Mariappan. P and Senthamilkumar S., (2014), "Technology Options for Sewerage System", International Conference on Creativity and Innovation for Business Sustainability, School of Humanities, Sciences and Management, Periyar Maniammai University, Vallam, Thanjavur.
10. Raghavan. A.R., Mariappan. P and Senthamilkumar. S., (2014), "Cost Economics of Iron Removal Plants", International Conference on Creativity and Innovation for Business Sustainability, School of Humanities, Sciences and Management, Periyar Maniammai University, Vallam, Thanjavur.
11. Subramanian C V, Ramachandran N, and Senthamilkumar S. (2017), "A Review of Passive Cooling Architectural Design Interventions for Thermal Comfort in Residential Buildings", International Conference on "Emerging Trends in Engineering Science & Sustainable Technologies (ICET'17)", Periyar Maniammai University, Thanjavur and Cape Bretton University, Canada
12. Senthamilkumar S. (2019), "Study and Design of Residential Building Using PT Technology", 4th International Conference on Current Research in Engineering Science and Technology (ICCREST-2019) on 8th March 2019, Jayaram College of Engineering and Technology, Thuraiyur, Trichy, Tamilnadu.

National Journal:

1. Senthamilkumar S., Natarajan C. and Muthukumar K. (2008) "Field Study on Engineering Properties of Soil Deposit in (Nagapattinam) Coastal Area for Liquefaction Analysis" Journal of Institution of Engineers (India), Vol. 88 pp. 30 - 36.
2. Latha R. and Senthamilkumar S. (2014), "Role of Construction Management in Sustainable Building Design and Concept", National Journal of Applied Research, Special Issue, Vol. 4, No. 4, pp. 27-30. (DOI: 10.15373/2249555X, IF – 2.1652)
3. Balamurugan. A. and Senthamilkumar S. (2014), "Effective Utilization of Equipment and its Management in Construction Industry", National Journal of Applied Research, Special Issue, Vol. 4, No. 4, pp. 1-4. (DOI: 10.15373/2249555X, IF – 2.1652)

4. Pushparani. S. and Senthamilkumar S. (2014), "Selection of Contractor Using Multi-Criteria Decision Making Tools", National Journal of Applied Research, Special Issue, Vol. 4, No. 4, pp. 139-142. (DOI: 10.15373/2249555X, IF – 2.1652)
5. Balamurugan. P. and Senthamilkumar S. (2014), "Fire Safety Management in Hotel Le Temp Fort, Trichy", National Journal of Applied Research, Special Issue, Vol. 4, No. 4, pp. 131-134. (DOI: 10.15373/2249555X, IF – 2.1652)
6. Varadharajan.T. and Senthamilkumar S. (2014), "Control of Indirect Cost in Construction", National Journal of Applied Research, Special Issue, Vol. 4, No. 4, pp. 75-78. (DOI: 10.15373/2249555X, IF – 2.1652)
7. Ashok J, Senthamil kumar S, Satheesh kumar P and Jeganathan M (2016) "Analysis of Meteorological Conditions of Ariyalur District" Journal of Life Science Archives, Vol. 2, No. 3 pp: 579 – 585
8. Ramachandran N, Senthamilkumar S, and Kamaraj S., (2016), "Strategies for Water Resource Management in Educational Institutions", Convergence – Special Issue, Vol. 13, pp. 19-22.

National Conferences:

1. Senthamilkumar S., and Suppiah S. (2001) "Geotechnical Properties of Marine Deposits along Coromandal Coast", New Millennium Conference, IGC2001, Indore, pp. 517-519.
2. Senthamilkumar S., Suppiah S. and Natarajan C. (2003) 'Disaster Mitigation During Earthquake', Proceedings of National Seminar on Land Use and Land Mapping, Builder's Association of India, Coimbatore Chapter, pp. 178-185.
3. Senthamilkumar S., Suppiah S. and Natarajan C. (2005) 'Generation of Microzonation Map for liquefaction potential of Pondicherry Coastal Soil', National Conference for Research Scholars on Applications of Emerging Technologies at Adhiyaman College of Engg, Hosur.
4. Senthamilkumar S., Suppiah S. and Natarajan C. (2005) 'Energy Corrections for Observed SPT-N values and Correlation with SCPT values for the Coromandel Soils', National Conference on Sustaining technology for Advancements in Civil Engineering, S.R.K.R. Engg. College, Bhimavaram, pp. 8-3-1–8-5-4.
5. Senthamilkumar S., Suppiah S. and Natarajan C. (2005) 'Liquefaction Induced Settlement Characteristics of Coastal Soil along Karaikal Region', National Seminar Disaster – Prediction, Prevention and management, Bapuji Institute of Engg. & Tech., Davangere, pp. 79-84.
6. Senthamilkumar S., Suppiah S. and Natarajan C. (2005) 'Liquefaction Related Settlement Characteristics of Coromandel Coastal Soil', Indian Geotechnical Conference-2005, Nirma Institute of Tech., Ahemadabad, pp. 335-338.
7. Senthamilkumar S., Suppiah S. and Natarajan C. (2005) 'Coastal Zonation Mapping with respect to Liquefaction', National workshop on Tsunami rehabilitation, A.V.C. College of Engineering, Mayiladuthurai.

8. Senthamilkumar S., Suppiah S. and Natarajan C. (2005) 'Energy Corrections for observed SPT-N values of the Coromandel coastal soil', National conference on Trends In Geotechnical Engineering at G.Z.Singh College of Engineering, Punjab, pp. 186-192.
9. Senthamilkumar S., Suppiah S. and Natarajan C. (2006) 'Microzonation Techniques with respect to Liquefaction Induced Settlement for Coastal Soil along Karaikal Region using GIS ', National Conference on Geomatics for Infrastructure Development, Institute of Remote Sensing, Anna University and Indian Society of Geomatics, Chennai.
10. Senthamilkumar S., (2006) "Learning Skill", 36th Annual Convention and National Seminar on Quality, Sustainability and Social Responsibility: Interfaces in Technical education in the Context of Globalization, Indian Society for Technical Education, Bannari Amman Institute of Technology, Sathyamangalam
11. Senthamilkumar S., Natarajan C. and Muthukumar K. (2007) 'Influence of Index Properties of Soil on Spectral Acceleration – A Case Study for Coromandel Coastal Deposits', Recent Trends in Geotechnical and Structural Engineering (RTGSE 2007), Malaviya National Institute of Technology, Jaipur, India, pp. 68-79.
12. Senthamilkumar S. (2009) "Evaluation of Liquefaction Induced Lateral Spread" Proceedings of Students Paper Competition, Indian Geotechnical Society, Chennai Chapter, pp. 54-60
13. Senthamilkumar S. (2011) "Determination of Liquefaction –Induced Lateral Spread" Proceedings of National Conference on Advances in Materials and Structures, Pondicherry Engineering College, Pondicherry, pp. 426-429
14. Latha R. and Senthamilkumar S. (2014), "Role of Construction Management in Sustainable Building Design and Concept", National Conference on Creativity and Innovation for Contemporary Managerial Issues, School of Humanities, Sciences and Management, Periyar Maniammai University, Thanjavur.
15. Sivapriya C., Senthamilkumar S., and Devadass M., (2014), "Time and Cost Management in Precast Concrete Constructions", National Conference on Creativity and Innovation for Contemporary Managerial Issues, School of Humanities, Sciences and Management, Periyar Maniammai University, Thanjavur.
16. Balamurugan. A. and Senthamilkumar S. (2014), "Effective Utilization of Equipment and its Management in Construction Industry", National Conference on Creativity and Innovation for Contemporary Managerial Issues, School of Humanities, Sciences and Management, Periyar Maniammai University, Thanjavur.
17. Pushparani. S. and Senthamilkumar S. (2014), "Selection of Contractor Using Multi-Criteria Decision Making Tools", National Conference on Creativity and Innovation for Contemporary Managerial Issues, School of Humanities, Sciences and Management, Periyar Maniammai University, Thanjavur.

18. Balamurugan. P. and Senthamilkumar S. (2014), "Fire Safety Management in Hotel Le Temp Fort, Trichy", National Conference on Creativity and Innovation for Contemporary Managerial Issues, School of Humanities, Sciences and Management, Periyar Maniammai University, Thanjavur.
19. Varadharajan.T. and Senthamilkumar S. (2014), "Control of Indirect Cost in Construction", National Conference on Creativity and Innovation for Contemporary Managerial Issues, School of Humanities, Sciences and Management, Periyar Maniammai University, Thanjavur.
20. Senthamilkumar S. (2014), "Sustainability with Precast Concrete Products", Seminar on Advanced Technologies and Innovation in Energy and Environment, School of Energy, Environment and natural Resources, Madurai Kamaraj University, Madurai
21. Santhosh J., Senthamilkumar S., Jayanthi R. and Narendraprasad D., (2014), "Comparative Study on the Enhancement of Biogas Production at Labscale using Activated Carbon, Nirmali Seeds and Shock Waves", National Symposium on Shock waves, IIT-Babay, Mumbai, SWSI, 21st- 22nd Feb.
22. Jayanthi R., Senthamilkumar S., Santhosh J. and Narendraprasad D., (2014), "Application of Shock Waves in the Remediation of metal Contaminated Soils through Column Study", National Symposium on Shock waves, IIT-Babay, Mumbai, SWSI, 21st- 22nd Feb.
23. Subramanian C V, Ramachandran N, and Senthamilkumar S. (2016), "Learning from the energy efficient traditional buildings- An approach towards sustainable development.", National conference on bio-energy for sustainable development, Periyar Maniammai University, Thanjavur.

Book / Book
Chapters
Publications

1. Senthamilkumar S., Suppiah S. and Natarajan C. (2005) 'Generation of Liquefaction Potential Zonation Map for Coromandel Coast ', Landslides, Department of Disaster Management SASTRA, Thanjavur, pp. 107-116. (Book Chapter)
2. Senthamilkumar S., Natarajan C. Muthukumar K. and Illamparuthi K.(2009) "Study on Influence of Local Soil Conditions on Ground Motion Amplification" Proceedings of Indian Geotechnical Conference, Geotechnics in Infrastructure Development, Allied Publishers Pvt. Ltd. pp. 57-61 (Book Chapter)
3. Ramachandran N, Ravichandran, G., Senthamilkumar S., and Prabakaran T.R. (2012), "Interlocking Building block making from Fly Ash" Construction Engineering Development, Research Division, Periyar Maniammai University, ISBN: 978-81-920465-8-7, pp. 1-6 (Book Chapter)
4. Senthamilkumar S., Jayanthi R., Sivapriya C. Sankar C. and Latha R.. (2012), "Earthquake and Its Effects : An Civil Engineering View" Construction Engineering Development, Research Division, Periyar Maniammai University, ISBN: 978-81-920465-8-7, pp. 7-26 (Book Chapter)
5. Senthamilkumar S., and C. Sankar C. (2012), "Earthquake and Its Effects : Geology" Construction Engineering Development, Research Division, Periyar Maniammai University, ISBN: 978-81-920465-8-7, pp. 86-89 (Book Chapter)

6. Sankarasubramanian V and Senthamilkumar S, (2018), “Concrete Technology”, Lakshmi Publications, Chennai, ISBN 978-93-87950-18-4, First Edition. (Text Book)
7. Sankarasubramanian V, Senthamilkumar S and Prabaghar A (2019), “Water Supply Engineering”, Lakshmi Publications, Chennai, ISBN 978-93-87950-32-0, First Edition. (Text Book)
8. Sankarasubramanian V and Senthamilkumar S, (2019), “Air Pollution and Control Engineering”, Lakshmi Publications, Chennai, ISBN 978-93-87950-35-1, First Edition. (Text Book)

Funded : Research & Consultancy Grants Received:

Projects

S.No	Name of agency	Scheme	Amount	Year	Responsibility
1.	TamilNadu State Council for Science and Technology, Chennai	Student project Scheme	Rs.5000/-	2009-10	Principal Guide
2.	TamilNadu State Council for Science and Technology, Chennai	Student project Scheme	Rs.6000/-	2010-11	Principal Guide
3.	NPEEE, IIT-Kanpur	R&D	Rs. 1,00,000/-	2007	Principal Investigator
4.	All India Council for Technical Education, New Delhi	R & D	Rs. 6,80,000/-	2003-05	Principal Investigator
5.	District Rural Development Agency, Thanjavur District	Extension	Rs. 25,00,000/	2015-17	Principal Investigator
6.	National Remote Sensing Centre, Hyderabad	Extension	Rs. 14,30,000/	2016-17	Principal Investigator
7.	Tamil Nadu State Council for Science and Technology, Chennai	Science and Technology	Rs. 3,45,000/-	2019-20	Principal Investigator

Grants received for organizing Seminar/Workshop/Conference /Symposium

S. No	Title of the Conference/Workshop/Seminar/Symposium	Grant (Rs. In Lakhs)	Agency	Date (s) organized
1.	International conference on “Disaster mitigation and Management towards Sustainable Development”	1.0	DST, New Delhi	2-4 Dec. 2013
2.	Sensitization Program on Earthquake Resistance Construction Practices for Masons and Bar benders	2.0	NPEEE, Kanpur	
3.	Seismic Safe Design Training for building professionals- Five days workshop	1.5	Ministry of earth Sciences, New Delhi	20-24 Dec. 2010

Patents : Nil

Awards and Achievements :

1. Appointed as Independent Director – Urban Expert for Thanjavur Smart City Limited.
2. Chartered Engineer, IEI
3. Certificates of Merit have been received for producing 100% results in 23 subjects.
4. Best Faculty award in the year 1998-99
5. Out Standing Teacher Award for the year 2004-2005.
6. Certificate of Merit for Excellent Performance in Consultancy Works in the year 2007-2008
7. Six Sigma Yellow Belt Certification
8. Second prize in the State level students project seminar cum exhibition organized by Tamilnadu State Council for Science and Technology, 2010
9. Active participation in consultancy works for government, NGOs, private organizations, municipalities, etc.
10. Regular trainer for the field Engineers and Professionals.
11. Asset mapping for ISRO-Bhuvan project – Thanjavur District.
12. Design of cost effective modular toilet for open defecation free mission under Clean India Project.
13. Third Rank in the academic performance in UG

Membership in Professional Bodies, Societies etc.

Membership Number	Name of the Institution / Society	Grade of Membership	Annual / Life
M / 130358 / 3	The Institution of Engineers (India) & Chartered Engineer	Member	Life
LF 0503	Indian Geotechnical Society	Fellow	Life
LM24301	The Indian Society for Technical Education	Member	Life
1078 / LM / 03	Solar Energy Society of India	Member	Life
LM / TJ475 / TJ65 /2007	Indian Red Cross Society	Member	Life
2012	Society for Shock Wave Research	Member	Life

Workshops, Course, Seminar and Conference Organized:

1. International Workshop on Energy and Environment – 1-3 November 2001
2. Indo-German Workshop on “Research Perspectives on Environmental protection, water shed management, Civil Engineering and Landscape Design of Cauvery river basin” organized by Periyar Maniammai College of Technology for Women, Vallam and jointly organized by RWTH Aachen University Germany, from February 16-18, 2004.
3. FOCALPS 2000 (National level Seminar), 2002, 2003
4. PERT 2011, 2012,2013,2014
5. Sensitization Programme on Earthquake Engineering Practices for Masons and Barbenders, Sponsored by NPEEE, IIT –Kanpur, GoI, March 20 –21, 2007
6. One week workshop on Seismic Safe Design training for Building Professionals, 20th to 24th December 2010, sponsored by MoES, New Delhi
7. Two-day National Level workshop on Trenchless Technology, Indian Society for Trenchless technology, New Delhi, 23rd & 24th Nov. 2012
8. Celebration of World Ozone Day, Engineers’ Day & One Day Seminar on Frugal Engineering 16.09.2013
9. International Conference on Disaster Mitigation and Management towards Sustainable Development from 2nd to 4th December 2013, MoES, New Delhi
10. Introductory Course on Earthquake Engineering for PWD Engineers.
11. Introductory Course on Earthquake Engineering for Practicing Engineers and Architects.
12. Presented many special Lectures in the near by Engineering colleges and Polytechnic colleges.

13. Two day workshop on “Capacity Building on Bhuvan Map Based Skill Set”, supported by ISRO-Bhuvan – National Natural Resource Management System (NNRMS), Hyderabad, during 14th – 15th July, 2016.
14. One-day Workshop on “Optimal Crop Planning through Conjunctive use of Water Resources” on 15.09.2016, Sponsored NABARD, Thanjavur
15. Terzaghi Memorial Seminar on Engineering on Soft Ground, Secretary, IGS, Trichy Chapter, Department of Civil Engineering, National Institute of Technology, Trichy, 01.10.2016
16. 6th Young Geotechnical Engineers Conference, Secretary, IGS, Trichy Chapter, Department of Civil Engineering, National Institute of Technology, Trichy, 10th & 11th March 2017
17. Terzaghi Memorial Seminar on Dynamics of Soils and Foundations, Secretary, IGS, Trichy Chapter, Department of Civil Engineering, National Institute of Technology, Trichy, 14.10.2017
18. Two Day Workshop on “Advanced Surveying Techniques using Total Station” on 22.02.2017 & 23.02.2017,
19. Two day National level workshop on “Tall Buildings Design” on 01.03.2017 & 02.03.2017,
20. Two Day Workshop on “Cost Estimation and Valuation in Civil Engineering” on 23.03.2017 & 24.02.2017
21. All India Seminar on Innovative Approaches towards Solid Waste Management, Sponsored by The Institution of Engineers (India), Thanjavur Local Chapter, Periyar Maniammai Institute of Science and Technology, Vallam, 22nd & 23rd December 2017
22. All India Workshop on Enhancing Engineer’s Employability for Industry 4.0 World Sponsored by The Institution of Engineers (India), Thanjavur Local Chapter, Periyar Maniammai Institute of Science and Technology, Vallam, 07.02.2019
23. One day workshop o Advanced Technologies and Legislation in Civil Engineering jointly with Civil Engineer and Architect Association of Thanjavur & IEI Thanjavur Local Chapters on 21.10.2019

Notable Participation in Construction, Design, Planning, etc. of Infrastructure for Society

1. MGR Memorial, Chennai
2. Co-operative Milk Producer’s Federation, Madhavaram, Chennai
3. Koyambedu Sewage Treatment Plant, Chennai
4. Nehru Stadium, Chennai
5. Panagal Building, Saidhapet, Chennai
6. School Building at Balamandir, T. Nagar, Chennai
7. Head works, Water Carrying bridge with storage sump and allied structures, Ramanathapuram combined water supply scheme, Mutharasanallur, Trichy
8. Integrated Bus Stand and Shopping complex, Thiruvaiyaru
9. Integrated Bus Stand and Shopping complex, Seerkali

10. Multi level parking, Hogenakkal, Dharmapuri
11. Water Carrying bridge with storage sump and allied structures, Thirumanur, Ariyalur
12. Sewage Treatment Plant, Pudukkottai
13. Sewage Treatment Plant, Nagappattinam
14. MCA & MBA College for PSRPI, Jasola, New Delhi
15. Multi Purpose Auditorium (M R Radha Mandram), Chennai
16. Periyar Pharmacy College Hostel & Admin Building, Trichy

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