

Staff Name	:	Dr.S.Thenmozhi
Faculty ID	:	TCI20
Designation	:	Head of the Department
Qualification	:	B.E., M.E.,Ph.D
Teaching Experience	:	25 Years 1 Month
Area of Specialization	:	Geotechnical Engineering
Subjects Handling	:	<p>Theory Courses:</p> <ul style="list-style-type: none"> • Soil Mechanics • Foundation Engineering • Ground Improvement Techniques • Railways, Airport and Harbour Engineering • Repair and Rehabilitation of Structures • Advanced Concrete Technology • Fluid Mechanic and Machinery • Strength of Materials • Environmental Science and Engineering • Basic Civil and Mechanical Engineering <p>Laboratory Courses:</p> <ul style="list-style-type: none"> • Soil Mechanics Laboratory • Computer Aided Drafting & Modeling Laboratory • Strength of Materials Laboratory • Engineering Practices Laboratory • Hydraulic Engineering Laboratory • Project Work • Design Project
Books Published	:	<ul style="list-style-type: none"> • Published a Text book on “Construction Project Management”, Scientific International Publishing House, ISBN 978-93-5625-383-4, 2022.
Journals Published	:	<p>International Journal:</p> <ol style="list-style-type: none"> 1. S.Thenmozhi, V.Gowri, A.Vignesh and S. Suganthan, “Experimental investigation of the effect of Nano-silica on the mechanical properties of concrete”, IOP Conference Series: Materials Science and Engineering, Volume 923,

	<p>Issue 1, Pp 1-6, February 2020.</p> <ol style="list-style-type: none"> 2. Ms. R. Resmi & Dr. S. Thenmozhi published a paper titled "A Review on Soil Structure Interaction" in International Journal of Scientific Research and Review, Volume 7, Issue 5, pp 351-354, 2018. 3. Mohan Raj.R, Chinnasamy,M & S.Thenmozhi, "Experimental Study On Performance Of Pervious Concrete Using Recycled Aggregate And Ggbs", International Research Journal of Multidisciplinary Science & Technology, ISSN 2455-930X, Volume 2, Issue 3, pp:27 -36, April 2017. 4. Gomathi.S, Thenmozhi.S & Chinnasamy.M, "Experimental Study On Concrete By Partial Replacement Of Rice Husk Ash For Cement, Copper Slag With Fine Aggregate And Ceramic Tile Waste With Coarse Aggregate" International Research Journal of Multidisciplinary Science & Technology, ISSN 2455-930X, Volume 2, Issue 3, pp:89 -94, April 2017. 5. Virgin Devi S1, Thenmozhi.S2 Ph.D, Sastha Arumuga Pandi.S, "Experimental Study On Mechanical Properties Of Multi Blended Cement Concrete Using Fly Ash, Silica Fume, Rice Husk Ash And Lime Powder", International Research Journal of Multidisciplinary Science & Technology, ISSN 2455-930X, Volume 2, Issue 3, pp:158-163, April 2017. 6. Pavithra.A, Thenmozhi.S, " Experimental Study on Concrete Beam by Partial Replacement of Fly Ash for Cement, Retrofitted with SIMCON and Ferro cement Laminates", International Research Journal of Multidisciplinary Science & Technology, ISSN 2455-930X, Volume 2, Issue 3, pp:18-26, April 2017. 7. Naveen kumar.T, Chinnasamy.M, Thenmozhi.S, " Study On Safety And Labour Condition In Construction Site", International Research Journal of Multidisciplinary Science & Technology, ISSN 2455-930X, Volume 2, Issue 3, pp:44-49, April 2017. 8. Lingeswari.K, Thenmozhi.S, "Experimental Investigation Of Bending Behavior Of RC Beam Reinforced With Braided Aramid FRP Bar & Partial
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	<p>Replacement Of Ceramic Waste Powder For Cement”, International Research Journal of Multidisciplinary Science & Technology, ISSN 2455-930X, Volume 2, Issue 3, pp:50-56, April 2017.</p> <p>9. Yogalakshmi.P, and Dr.Thenmozhi, “Experimental Study On Reinforced Concrete Beams Strengthened With Near Surface Mounted (NSM) Fibre Reinforced Polypropylene Rods(FRP)”, International Journal for Research Science and Technology, Volume-3, Issue -6, Pp 27-31, Jun 2016.</p> <p>10. SR. RaajPreethe, S. Thenmozhi, “A study and analysis of value management concepts in construction projects” International Journal of Emerging Trends in Science and Technology, ISSN 2348-9480, Vol 3, Issue 5, pp 423-425, May 2016.</p> <p>11. Monisha.R and Thenmozhi.S, “Reliability Study of Reinforced Concrete Structures Under Carbonation Attack”, International Journal For Research In Emerging Science And Technology, Volume-3, Issue-6, pp 90-93 E-ISSN: 2349-761, June 2016.</p> <p>12. R.Krishnan&S.Thenmozhi, “Study on Behavior of Cold Formed Steel Built –Up Compression Member”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, No 38, Pp 28113-28118, 2015.</p> <p>13. A.Narmadha&S.Thenmozhi, “Evaluation and assessment of performance Measures for Material Management Process in Residential Construction Projects”, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE). ISSN: 0976-1353, Vol.13, Issue 1, Pp 485-490, 2015</p> <p>14. Jeyabharathi S &S.Thenmozhi, “Analytical Study For Seismic Torsional Effect On RC Building”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, No 38, Pp: 28103-28107, 2015</p> <p>15. Resmi R &S.Thenmozhi, “Effects Of Soil Flexibility In The Seismic Analysis Of RC Building”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol 10, No 38, Pp: 28124-28127, 2015</p> <p>16. Thenmozhi, S. and Stalin, V.K., “Suitability of geogrid Reinforced - rubber waste in Pavements”, International</p>
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		Journal of Engineering Science and Technology, Vol-2, No.10, pp. 5462-5472, 2010.
Conference/Workshop Attended	:	<p>International Conference:</p> <ol style="list-style-type: none"> 1. Dr.S.Thenmozhi, Mr.V.Tamil Selvan and Mr. D.UdyaKumar, presented a paper titled, “Experimental Investigation of Bendable Concrete using Polypropylene and Bamboo Fibre” on 4th International Conference on Recent Trends in Engineering and Technology on May 3rd & 4th, St. Joseph’s Institute of Technology, OMR, 2019. 2. M.Kishore, Dr.S.Thenmozhi & Dr.N.Unnamalai, “Performance study of bacterial concrete”, ICCREST, June/2016 Vol-3, ISSN:2348-8352, Pp: 123- 125. 2016 3. SR.RaajPreethe & Dr.S.Thenmozhi,”A study of Value management concepts in construction projects,” Internal Conference on Progressive Engineering & Technology, INC-PET’16, Pp 65-67, 2016. 4. Sonalee Moorthy & S.Thenmozhi, “Effect of Change in types and location of shear wall on Soft –storey building subjected to lateral load”, International Conference on Emerging Trends in Engineering Research (ICETER), Vels University Pallavaram, Vol 1.March 2015. 5. A.Narmadha & S.Thenmozhi, “Evaluation and assessment of performance Measures for Material Management Process in Residential Construction Projects”, International Conference on Recent Research in Engineering 2015 (ICRRE 2015), SKR Engineering College, Vol 1. March 13th 2015. 6. Pavithra.C, Thenmozhi.S & Vinothkumar.S, “Investigation Constraints of Resource in Construction Industry”, International Conference on Futuristic Trends in Civil Engineering (ICFTCE 2014), Thiruvalluvar College of Engineering and Technology, Vandavasi, Pp- 67-73, 2014. 7. V.K.Stalin, S.Thenmozhi and P.AnandBabu., “Behaviour of Geogrid Reinforced Soil-Rubber Waste Mix as Pavement Component”, GEPSYNTHETICS ASIA 2012, 5th Asian Regional Conference on Geosynthetics, Bangkok,Thailand, Vol.1, December 13-15, pp. 725-734, 2012.

	<p>8. Stalin,V.K., Thenmozhi, S. and Gobinath, V., “Performance of Geogrid Reinforced - Rubber Waste as Subgrade Material”, GEOFRONTIERS 2011 © ASCE 2011, Dallas, USA, PP.4498-4504, 2011</p> <p>9. R S Kumar, VK Stalin and S. Thenmozhi., “Engineering behaviour of difficult soils stabilized with copper slag”, 6th International Conference on Ground Improvement Techniques, CI –Premier,2005., pp. July 18-19, pp. 385-392, 2005.</p> <p>National Conference:</p> <p>1. Dr. S. Thenmozhi, Mr. A. Mohamed Ashar and Mr. S. HariPrasanth, presented a paper titled "Manufacture of Brick using waste material" at National Conference on Advanced Construction & Sustainable Energy Sources (NCACSES-2019) held on 15th and 16th March 2019 organized by "Storm Association of Department of Civil Engineering and International Research Journal of Engineering and Technology" (IRJET) at Selvam College of Engineering, Nammakkal, March 2019.</p> <p>2. Dr. S. Thenmozhi, Mr. R. Franklyn and Mr. U. Sanjeevi Raj, presented a paper titled "Experimental Investigation of Soil Stabilization by using Stone Column" at National Conference on Advanced Construction & Sustainable Energy Sources (NCACSES-2019) held on 15 th and 16th March 2019 organized by "Storm Association of Department of Civil Engineering and International Research Journal of Engineering and Technology" (IRJET) at Selvam College of Engineering, Nammakkal, March 2019.</p> <p>3. Dr. S. Thenmozhi, Mr. S. Kirubakaranand Mr. K. VijayaPrathap” presented a paper on “Study on the performance of Concrete with Jute Fiber,” in National Conference on Emerging Trends and Advancements in Civil Engineering, Madha Engineering College, Chennai on 5th of April 2018.</p> <p>4. Dr. S. Thenmozhi, Mr. S. Karunakaran and Mr. R. Tamizhazhagan, presented a paper on “Soil Stabilization using Waste Rubber Materials”, in National Conference on Emerging Trends and Advancements in Civil</p>
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	<p>Engineering, Madha Engineering College, Chennai on 5th of April 2018.</p> <ol style="list-style-type: none"> 5. Dr. S. Thenmozhi, Mr. Elanchezian and Mr. R. Sathish Kumar, presented a paper on “Experimental Study on Concrete by Replacing Fine Aggregate with Bottom Ash,” in National Conference on Emerging Trends and Advancements in Civil Engineering, Madha Engineering College, Chennai on 5th of April 2018. 6. Dr. S. Thenmozhi, V. Patrik Ferminand R. Venkatachalapathy, presented a paper on “Study on the Performance of Clay soil using M-Sand and Glass Powder,” in National Conference on Emerging Trends and Advancements in Civil Engineering, Madha Engineering College, Chennai on 5th of April 2018. 7. Sonalee Moorthy & S. Thenmozhi, “Effect of Change in types and location of shear wall on High Rise Building”, National Conference on Recent Trends in Cement and Concrete Composites for Structural Systems, N.S.N College of Engineering and Technology, Karur, Pp135-137, 24th April 2015. 8. R. Krishnan & S. Thenmozhi, “Study on Behavior of Cold Formed Steel Built –Up Compression Member”, National Conference on Recent Trends in Cement Concrete Composites for Structural Systems, Pp 636-369, 24th April, 2015. 9. Jayabharathi and S Thenmozhi, “Torsional consideration in Plan irregular building”, National Conference on Recent Trends in Cement Concrete Composites for Structural Systems, Pp 424-428, 24th April, 2015. 10. Resmi R and S Thenmozhi, “Effects of Soil Flexibility in the Seismic Analysis of RC Buildings”, National Conference on Recent Trends in Cement Concrete Composites for Structural Systems, Pp 545- 548, 24th April, 2015. 11. Bhuvanesh J.S, Dr.S. Thenmozhi, “A Study on Equipment Maintenance and Management in Construction Companies,” National Conference on Advance in Construction Materials and Structures, March 17-18, Pp41-42, 2015.
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	<p>12. A. Manojkumar and Dr.S.Thenmozhi, “Experimental Study on Foam Concrete in Un Plasticized Poly Vinyl Chloride (UPVC) Pipes,” National Conference on Advance in Construction Materials and Structures, March 17-18, Pp5-7, 2015.</p> <p>13. R.Gowri Shankar, S.Thenmozhi&K.Gunasekaran, “Performance Study on the effect of admixtures in Coconut Shell Concrete”, National Conference on Recent Trends in Cement and Concrete Composites for Structural Systems, N.S.N College of Engineering and Technology, Karur, Pp-553-556, 24th April, 2015.</p> <p>14. Stalin,V.K, Balakumaran,R and Thenmozhi.S., “Assessment of Soil Contamination Using GIS”, Indian Geotechnical Conference, Mumbai, December 16-18, 2010, pp. 385-388, 2010.</p> <p>15. Saravana Kumar, R., Stalin V.K. and Thenmozhi, S., “Improvement of Problematic Clays Admixed with Copper Slag by Artificial Cementation”, Indian Geotechnical Conference, 2005, Ahmedabad, pp. 301-304, 2005.</p> <p>16. Saravana Kumar, R., Stalin V.K. and Thenmozhi, S., “Behaviour of Problematic Soils Admixed with Copper Slag and their Suitability as Subgrade”, National Conference GEN-2005, Allahabad, pp. III-33, 2005.</p> <p>Workshop Attended:</p> <ol style="list-style-type: none"> 1. NAAC Sponsored Seminar on “Revised Assessment and Accreditation Frame work of NAAC Understanding and Opportunities in HEI’s” Organised by Department of Mechanical Engineering in Association with Internal Quality Assurance Cell (IQAC), Kongunadu College of Engineering and Technology from 06-05-2022 to 07-05-2022. 2. E-Course on “Hydro-Meteorological and Climate Data Analysis: Basic and Advanced Techniques”, organized by National Institute of Hydrology, Roorkee, 21st to 25th March 2022. 3. FTTP on “Roadmap for Effective Research using Advanced Techniques and Tools” (REAT2022), by
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	<p>National Institute of Technology, Calicut, 14th to 18th February 2022.</p> <ol style="list-style-type: none"> 4. FDP on "Sustainable Practices in Civil Engineering" sponsored by AICTE Training and Learning (ATAL) Academy organized by the Department of Civil Engineering, University Visvesvaraya College of Engineering, Bangalore University, Jananbaharathi Campus, Bengaluru, 14th to 18th June 2021. 5. FDP on "Trail blazing practices in Geotechnical Engineering" sponsored by AICTE Training and Learning (ATAL) Academy organized by the Department of Civil Engineering, Meenakshi Sundarajan Engineering College, Chennai, 7th to 11th June 2021. 6. FDP on "Ground Improvement Techniques" organized by Sri Sivasubramaniya Nadar College of Engineering, 26th to 30th December 2020. 7. AICTE Sponsored One Week online STTP on "Advanced Mechanics of Materials" organized by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode, Tamil Nadu from 23rd to 28th November 2020. 8. AICTE Sponsored One Week online STTP "Diaster Management and Mitigation (Phase -I)" organized by Dr.N.G.P Institute of Technology, from 23rd to 28th November 2020. 9. Five Days Online Faculty Development Programme on Recent Development & Applications in Geotechnical Engineering (RD & AGE)" organised by SRM IST Indian Geotechnical Society Student Chapter, from 20th July to 24th July 2020. 10. Online STTP on "Structural Health Monitoring and Seismic Protection of Structure and Infrastructural Systems" organized by Bannari Amman Institute of Technology during 6th-11th July 2020. 11. Three days Faculty Development Programme on Research Paper Drafting, Funding & Patent Methodologies Organized by Department of Civil Engineering, Dr.N.G.P. Institute of Technology, on July 02 - 04,2020
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	<p>12. Online 5 Days FDP on “E-Teaching and E-Learning”, organized by Dwaraka Doss Goverdhan Doss Vaishnav College, 29th to 3rd July 2020.</p> <p>13. FDP on Swotting of Digital tools for effective online teaching, organised by Sona College of Technology, Salem, 22nd to 26th June 2020.</p> <p>14. Online One week FDP on "Sustainable Smart Cities" organised by Chennai Institute of Technology, 15th to 19th June 2020.</p> <p>15. Online One week FDP on "Effective Online Teaching Methods", organised by Dr.N.G.P Institute of Technology, 8th to 14th June 2020.</p> <p>16. AICTE recognized FDP on "Outcome Based Curriculum" organised NITTR Chandigarh, Chennai, from 25th to 29th May 2020.</p> <p>17. AICTE recognized FDP on "Research Oriented Project work" sponsored by NITTR Chandigarh and organised by St Joseph's Institute of Technology, Chennai, from 24th to 28th February 2020.</p> <p>18. AICTE recognized FDP on "Environment and Sustainable Development" organised NITTR Chandigarh, Chennai, from 18th to 22nd February 2020.</p> <p>19. AICTE recognized FDP on "Nanomaterials and Devices" organised NITTR Chandigarh, Chennai, from 11th to 15th February 2020.</p> <p>20. AICTE recognized FDP on "Operation Research for Engineers" sponsored by NITTR Chandigarh and organised by St Joseph's Institute of Technology, Chennai, from 16th to 20th December 2019.</p> <p>21. National Seminar on "Artificial Intelligence in Construction" sponsored by DST-SERB, organised by KCG College of Technology, Chennai from 10th to 12th April 2019.</p> <p>22. FDP on Practical Training on "Geosynthetics and Building Materials" organised by SRM Institute of Science and Technology, Chennai & NITTTR, Chennai, 19th to 23rd November 2018.</p> <p>23. AICTE - ISTE approved Induction / Refresher Programme</p>
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	<p>on "Modern Construction Materials and Construction Techniques" organised by Dept. of Civil Engineering , Valliammai Engineering college, from 21st to 26th May 2018.</p> <p>24. International Workshop on “Methodologies on writing Thesis, Proposals and Journals”, organized by Sree Sastha Institute of Engineering and Technology on 11th January 2017.</p> <p>25. Workshop on “R&D Project Proposal-Awareness, Needs and Benefits”, organized by Anna University on 28th June 2013.</p> <p>26. FDTP on “Foundation Engineering”, organized by Anna University, Chennai, during 6th to 11th December 2010.</p> <p>27. FDTP on “Soil Mechnaics”, organized by Anna University, Chennai, during 3rd to 10th June 2010.</p> <p>28. Mission 10X Learning Approach, organized by WIPRO, during 25th to 29th February 2008.</p> <p>29. FDP Lecture on “Teacher as A Role Model”, organized by Easwari Engineering College on 6th November 2007.</p> <p>30. STTP on “Recent Advances in Flexible Pavement Engineering”, organized by IIT– Madras, sponsored by AICTE, during 16th to 21st July 2007.</p> <p>31. Quality Management System and Audit Training (ISO), organized by Creative Management Consultants, during 9th & 10th September 2006.</p> <p>32. Workshop on “Early Tsunami Warning System”, organized by Sakthi Mariamman Engg. College, sponsored by ISTE on 19th January 2006.</p> <p>33. STP on “Emerging Potential of Steel Composite as powerful Alternative in Construction Industry”, organized by S.R.M Institute of Science and Technology, sponsored by ISTE during 1st to 5th February 2005.</p> <p>34. Short Term Course on “Effective Class Room Management for Engineering College Teachers”, organized Easwari Engineering College, Chennai, sponsored by ISTE – Chapter, during 9th & 10th January 2004.</p>
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		35. STP on “Geomatics Technology for Engineering Applications”, organized by SRM Engineering College, Chennai sponsored by ISTE, New Delhi.
Professional Membership	:	<ol style="list-style-type: none"> 1. Life Member in Indian Geotechnical Society (LM- 239) 2. Life member in Indian Concrete Institute (LM12716) 3. Life member in Indian Society for Technical Education (LM27314) 4. Life member in The Society of Innovative Educationalist & Scientific Research Professional (LM171899116)
Online Certification Courses	:	<ol style="list-style-type: none"> 1. 12 Weeks Online Course on "Maintenance and Repair of Concrete Structures" conducted by NPTEL Swayam from January to April 2022. 2. 12 Weeks Online Course on "Integrated Waste Management for a Smart City" conducted by NPTEL Swayam from July to October 2021. 3. 8 Weeks Online Course on "Accreditation and Outcome based Learning" conducted by NPTEL Swayam from August to October 2019. 4. 8 Weeks Online Course on "Subsurface Exploration: Importance and Techniques Involved " conducted by NPTEL Swayam from February to April 2019. 5. 4 Weeks Online Course on "Geo Technical Engineering Laboratory" conducted by NPTEL Swayam from August to September 2018. 6. 12 Weeks Online Course on "Advanced Concrete Technology" conducted by NPTEL Swayam from July to October 2018.
Award Received	:	<ul style="list-style-type: none"> • Innovative Research & Dedicated Academician Award -Civil Engineering from the Society of Innovative Educationalist & Scientific Research Professional on 18th October 2020.
Reviewer	:	<ul style="list-style-type: none"> ✓ Technical Review Committee member for MRP Scopus Publication under National Conference on Sustainable and Smart Practices (NCSMSP'21) organised by Department of Civil Engineering Bannari Amman Institute of

		<p>Technology Sathyamangalam, 17th & 18th December 2021, India.</p> <ul style="list-style-type: none"> ✓ Technical Review Committee member in Eight National Conference on "Recent Advancements in Geotechnical Engineering NCRAAG'21" organised by Bannari Amman Institute of Technology Sathyamangalam, India, March 26th 2021
Journal Editor	:	<ul style="list-style-type: none"> ✓ Editorial Board Member in Journal of Advances in Geotechnical Engineering. ✓ Editorial Board Member in Journal of Engineering Analysis and Design. ✓ CR Journal of Emerging trends in Earthquake Engineering. ✓ Recent Research in Water Science and Engineering. ✓ Novel Approaches in Urban Engineering.