

CURRICULUM VITAE

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ACP-6397-2022

Official Address:

Assistant Professor (Selection Grade),

Department of Civil Engineering,
Anna University,
University College of Engineering Ramanathapuram,
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Personal Data:

Father's Name : Jagadeesan M

Sex : Male

Nationality : Indian

Marital Status : Married

Objective:

To pursue a career that contributes teaching and valuable research in the area of Civil and Structural Engineering.

Professional background:

Doctorate of Philosophy (2011 - 2016)

Discipline: Environmental Engineering/Civil Engineering

University: Anna University, Chennai.

Masters of Engineering (2008 - 2010)

Discipline: Construction Engineering & Management.

University: Annamalai University, Chidambaram, Cuddalore.

Class: **First Class with distinction**

Bachelor of Engineering (2004 - 2008)

Discipline: Civil Engineering

University: Annamalai University, Chidambaram, Cuddalore.

Class: **First Class**

Teaching experience:

Present Working Institution:

1. College/University: University College of Engineering Ramanathapuram .
(A Constituent College of Anna University, Chennai)
AICTE College ID: 1-4628206602)

Department : Civil Engineering

Faculty position : **Assistant Professor (Selection Grade)**

Years of experience : 20.12.2010 to Till date

Previous Working Institution:

1. College/University : A.K.T memorial College of Engineering & Technology
(Affiliated to Anna University)

Department : Civil Engineering

Years of experience : 05 Months

Faculty position : Lecturer

Honors Received:

- Awarded **Best Thesis** at Master Graduate level in Construction Engineering & Management , Annamalai University in the year 2010
- Awarded for **Securing First Mark** in M.E Construction Engineering & Management, Annamalai University in the year 2010
- Received an Award of “**Innovative Researcher & Excellent Professional Achievement Award**” (Civil Engineering) from The Society of Innovative Educationalist & Scientific Research Professional, Chennai accredited with Innovative Scientific research Professionals, Malaysia Sdn Bhd on 21.02.2020
- Received an Best Paper Award under theme “ Construction Technology and building materials “ entitled “Experimental Study On Concrete Beam By Partial Replacement Of coarse Aggregate By LDPE Granules And Cement By Alccofine” at the Two days International conference on Recent Advances In Sustainable Construction Technologies and Environment (ICRASCE-2022)” Organized By Department Of Civil Engineering, School Of Infrastructure, B.S. Abdur Rahman Crescent Institute Of Science And Technology On 15.06.2022 and 16.6.2022.
- Received an Award of “**Best Faculty Award**” from National Foundation for Innovative Scientific for Innovation Scientific Research and Technology(MSME Registered, Recognized by Govt. of India & ISO 9001:2015 Certified) on 28.07.2025. (Certificate Number: NFISRT931242)
- Received an Award of “**Best Achiever Award**” from Tech Forum Research Foundation on July 2025. (MSME Registered, Recognized by Govt. of India & ISO 9001:2015 Certified) on 31.07.2025 (Certificate Number: TFRF4131)

Research interests:

- 1) Environment Engineering.
- 2) Construction Engineering and Management.
- 3) Structural Engineering.

Professional Membership:

- 1) Life Member of the Indian Water Works Association. (L.M. No: 6890) - 2011.
- 2) Life Member of the Indian Society for Technical Education. (L.M. No: 106526) – 2015.
- 3) Life Member of the Institution of Engineers (India). (L. M No: M-1694795)-2020.
- 4) Life Member of the Society of Innovative Educationalist & Scientific Research Professional. (L.M No: LM171899471)- 9th November 2020.

Research Accomplishments & College Responsibility:

- 1) Ph.D. scholar details:

(a) Guided & Completed: 3 Scholars.

- (i). A. Belin Jude (Registration No: 2011S1012001) – “Studies on the behaviour of industrial wastes for durable concrete”- 09.07.2020- Anna University.
- (ii). D. Zunaithur Rahman (Registration No:17141791147)- “ Bioremediation of heavy metals from a single solute by using marine seaweeds” -28.07.2022 - Anna University.
- (iii) R. Jeevakkumar (Registration No:17141791153)- “ Study on Anti corrosive protective coating by using polyurethane and filler materials.” -14.03.2024 - Anna University.

(b) Doing Research Scholar: 4 Scholars

My 4 Ph.D. scholar doing research in the area of Environmental Engineering & Structural Engineering, Anna University, Chennai.

- 2) **Head of Civil Department (Incharge)** from 28.06.2023 to 05.11.2023 at University College of Engineering Ramanathapuram, Ramanathapuram.
- 3) **NSS Programme Officer** from 12.10.2023 to 07.01.2026 at University College of Engineering Ramanathapuram, Ramanathapuram.
- 4) **Member in Anti Drug Committee** from 12.10.2023 onwards at University College of Engineering Ramanathapuram, Ramanathapuram
- 5) **Doctorate Committee Member in Ph.D. scholars**, Centre for Research, Anna University, Chennai.
- 6) **External Member in Ph.D Scholar**, Vellure Institute of Technology (VIT), Vellore.
- 7) Guided more than 10 Post Graduate projects at Anna University Regional Campus, Madurai.
- 8) Guided more than 20 batches of Under Graduate projects at University College of Engineering Ramanathapuram, Ramanathapuram.
- 9) **Editorial Board Member in International Journal of Civil Engineering (IASET)** ISSN(Print): 2278-9987 ; ISSN(Online): 2278-9995 & International Journal of Intellectual Advancements and Research in Engineering Computations (IJIAREC) (ISSN 2348-2079)
- 10) Reviewer for various high impact factor journals.
- 11) **My Bharat Portal and Registration of KI Member** 02.06.2025 onwards at University College of Engineering Ramanathapuram, Ramanathapuram.
- 12) **Member in Expert for formulation of syllabus for the courses (2025-2026)** in the Curriculum of the M.E Environmental Engineering, Affiliated institutions under Anna University, Chennai.

International Book Published:

- 1) J. Jegan, **J. Vijayaraghavan** , a book titled “Adsorptive removal of Basic dyes” published by LAP LAMBERT Academic Publishing, ISBN 978-3-659-92273-2, pp 1-242, 2016.
- 2) A. Arjunan, J. Thivya, J. Vijayaraghavan, a book titled “Essentials of Ground Water Engineering” published by LAP LAMBERT Academic Publishing, ISBN 978-620-4-73574-0, pp 1-242, 2022.
- 3) Chowdhary, P., Kumar, V., Kumar, S & Hare, V. (Eds.). (2022). Environmental Management Technologies: Challenges and Opportunities , In Book Chapter 9 A.K. Priya, D. Balaji, **J. Vijayaraghavan**, J. Thivya, R. Anand entitled “The Role of Microbes in the Degradation of Plastics and Directions Toward Greener Bioplastic” (1st ed.). CRC Press (Taylor and Francis Group), ebook ISBN: 9781003239956, pp 1-284, 2022.

National Book Published:

- 1) R. Dharmaraj, J. Thivya, **J. Vijayaraghavan**, a book titled “Foundation Engineering ” published by Nitya Publishing, ISBN 978-93-4-93694-18-8, pp 1-350, 2022.
- 2) K. Thamizhmaran, R. Samundeeswari, **J. Vijayaraghavan**, J. Thivya, a book titled “ Environmental Science and Engineering” published by Royal Book Publishing, ISBN 9788119821099, pp 1-160, 2024.
- 3) J. Banuchandar, K. Suganthi, J. Thivya, **J. Vijayaraghavan** a book titled “ Prefabricated Structures” published by 720 Degree Research Publication, ISBN 9789392045707, (Progress in Press) , 2024.

Patent:

- 1) Title of the invention: Method of synthesising hybrid metal sand composite and 3D Printing thereof for Construction application. .
Patent Awarded, Patent Number: 2020102592, 11th November 2020,
Reference: HMSC_CI_004_2020, Dated 05.10.2020, International Level, Australia.
- 2) Title of the invention: Phase Change Material Embedded Constructional Material With AI Assistance Device For Maintaining Temperature.
Application No. and Status: 202041032035 A, Patent published and awaiting for examination, Publication Date: 07.08.2020, National Level, India.
The patent office Journal Issue No: 32/2020. (Page No: 30152)
- 3) Title of the invention: Image Based Automated Estimation Tool for Bitumen Roads.
Application No. and Status: 201941045874 A, Patent published and awaiting for examination.
Publication Date: 06.12.2019, National Level, India.
The patent office Journal Issue No: 49/2019. (Page No: 57284)

Journal Publications:

- 1) G. Sriharan, G. Iyappan, N. Subramani, J. Thivya, **J. Vijayaraghavan** & Md. Shamim Ahsan (2025), “Experimental Investigation of Fly Ash- Based Foam Bricks: Sustainable Mix Design and Its Performance”, *Advances in Civil Engineering*, Volume 2025. (Online Published/ <https://doi.org/10.1155/adce/3856191> (Online ISSN NO:1687-8094, IF:2.05)
- 2) **J. Vijayaraghavan**, G. Vairamani & J. Thivya (2025), “Enhancing durability and sustainability of foamed concrete: Predictive modeling and multivariate analysis of slag-based material substitutions” *Materia-Rio de Janeiro (Revista Matéria)*, Vol 30. (Online Published/ <https://doi.org/10.1590/1517-7076-RMAT-2024-0987> (ISSN NO:1517-7076, IF:0.54)
- 3) **J. Vijayaraghavan**, G. Vairamani & J. Thivya (2025), “Chloride Diffusion Modelling and Durability of Foam Concrete Incorporating Ultra-Fine Slag and Crushed Steel Slag”, *Silicon* . (Online Published/ <https://doi.org/10.1007/s12633-025-03505-2> (e ISSN: 1876-9918, pISSN: 1876-990X, IF:1.6)
- 4) Kumar A, Thiru S, Hemavathi S & **Vijayaraghavan J** (2025), “Enhancing Concrete Properties with Bamboo and Jute Fibers: A Response Surface Methodology Approach”, *Materia-Rio de Janeiro (Revista Matéria)*, Vol 30. (Online Published/ <https://doi.org/10.1590/1517-7076-RMAT-2024-0759> (ISSN NO:1517-7076, IF:0.54)
- 5) J. Thivya, G. Iyappan & **J. Vijayaraghavan** (2024) “Enhanced structural performance of reinforced cement concrete beams using lightweight foam bricks with deep learning prediction” *European Journal of Environmental and Civil Engineering*, Vol 29 (8), pp- 1491-1511. (ISSN NO:21167214,19648189, IF:2.43)
- 6) Syed Muhammad Syed Ibrahim, S. Kandasamy, J. Thivya & **J. Vijayaraghavan** (2024), “Fracture performance of externally FRP strengthened reinforced concrete beams mixed with rigid fibres”, *Gradevinar*, Vol 76 (4), pp- 309-321. (ISSN NO: 0350-2465, IF: 0.908)
- 7) R Saravanan, Ramkumar S, **Vijayaraghavan J** & Nandhakumar T (2024), “The Influence of ZnO nanoparticles on mechanical and early-age hydration behaviour of cement paste”, *Materia-Rio de Janeiro (Revista Matéria)*, Vol 29 (3), (Online Published/ <https://doi.org/10.1590/1517-7076-RMAT-2024-0068>) (ISSN NO:1517-7076, IF:0.54)
- 8) S. Kandasamy, P. Gowdhamramkarthik, G. Arun Kumar, **J. Vijayaraghavan** & J.Thivya (April 2024), “Surface quality of concrete enhanced through controlled permeable formwork - a review”, *The Indian Concrete Journal*, Vol 98 (4), pp- 17-32. (ISSN NO: 0019-4565, IF: 0.23)

- 9) D. Zunaithur Rahman, **J. Vijayaraghavan** & J.Thivya (May 2023), “A comprehensive review on zinc (II) sequestration from wastewater using various natural/modified low-cost agro-waste sorbents”, Biomass Conversion and Biorefinery. Vol 13 (7), pp 5469–5499.(ISSN NO:21906815, 21906823, IF:4.06)
- 10) R.Sajana, J.Thivya, **J. Vijayaraghavan**, (2022) “Experimental Study On Concrete Beam By Partial Replacement Of coarse Aggregate By LDPE Granules And Cement By Alccofine””, International Research Journal of Engineering and Technology, Vol 9 (8), pp 469-475.(ISSN NO: 2395-0056, 2395-0072)
- 11) S. Bensila, J.Thivya, **J. Vijayaraghavan** (2022) “An Experimental investigation on effect of mechanical properties of M50 Grade Concrete With Partial Replacement of sand with Copper Slag”, International Research Journal of Engineering and Technology, Vol 9 (8), pp 102-108.(ISSN NO: 2395-0056, 2395-0072)
- 12) **J. Vijayaraghavan**, R. Jeevakkumar, G. Venkatesan, M. Rangasamy & J.Thivya (2022) “Influence of kaolin and dolomite as filter on bond strength of polyurethane coated reinforcement concrete”, Construction and Building Materials. Volume 325 (<https://doi.org/10.1016/j.conbuildmat.2022.126675>).
- 13) **J. Vijayaraghavan**, D. Zunaithur Rahman & J.Thivya (2022), “Removal of Ni (II) ions from wastewater by raw and modified plant wastes as adsorbents: A review”, Iranian Journal of Chemistry and Chemical Engineering, Vol 41 (1), pp 174-206.
- 14) **J. Vijayaraghavan**, D. Zunaithur Rahman & J.Thivya (2020), “Sequestration of Pb (II), Ni(II) and Zn(II) biosorption onto brown seaweed *Sargassum wightii*: Isotherm and kinetic modelling”, Indian Chemical Society, 97(11a), pp. 2224- 2232 ((ISSN NO: 0019-4522, IF: 0.24).
- 15) **J. Vijayaraghavan**, D. Zunaithur Rahman & J.Thivya (2021), “Comparative assessment and optimization of Pb(II), Ni(II) and Zn(II) biosorption onto *Gelidiella acerosa* in single systems: Equilibrium and kinetic modelling”, Desalination and Water Treatment, 209, pp. 254-266. (ISSN NO: 1944-3994, 1944-3986, IF: 1.32 , Jan 2021)
- 16) J.Thivya & **J.Vijayaraghavan**, (2019), “Experimental and mathematical modelling of cationic dye sorption in up-flow packed column using *Gracilaria corticata*”, Desalination and Water Treatment, 167, pp. 333-339. (ISSN NO: 1944-3994, 1944-3986, IF: 1.32 , Nov 2019)
- 17) J.Thivya & **J.Vijayaraghavan**, (2019), “Single and binary sorption of reactive dyes onto red seaweed-derived biochar: multi-component isotherm and modelling”, Desalination and Water Treatment, 156, pp. 87-95. (ISSN NO: 1944-3994, 1944-3986, IF: 1.32 , July 2019)
- 18) V.Kavishankari , J.Thivya & **J.Vijayaraghavan**, (2019), “ Experimental study of steel fibre and foamed reinforced concrete beam”, International Research Journal of Engineering and Technology, Vol 6 (5), pp 935-939.(ISSN NO: 2395-0056, 2395-0072), IF: , May 2019)
- 19) J.Thivya, R.Monica & **J.Vijayaraghavan**, (2019), “Analysis of precast post tensioned segmental bridge column using ansys”, International Research Journal of Engineering and Technology, Vol 6 (4), pp 3727-3732. (ISSN NO: 2395-0056, 2395-0072), IF: , April 2019)
- 20) N. Priyanka, J. Thivya, J. Vijayaraghavan, (2019), “Seismic Study Of Multi-Storey Structure With Fluid Viscous Dampers Using Etabs”, International Research Journal of Engineering and Technology, Vol 6 (4), pp 3584-3589. (ISSN NO: 2395-0056, 2395-0072), IF: , April 2019)
- 21) J.Thivya, R. Roopavathi & **J.Vijayaraghavan**, (2018), “ Experimental study on Behaviour of concrete by using Domestic plastic waste as a fiber content”, International Journal of Innovative Research in Science, Engineering and Technology, Vol 7 (5), pp 477-479.
- 22) J.Thivya, M.Saranya, **J. Vijayaraghavan** (2018) “A Study of Manufacturing and Experimental Behaviour of Cellular Lightweight Concrete (CLC) Bricks” International Journal of Innovative Research in Science, Engineering and Technology, Vol 7, Special Issue (5), pp:469-476.

- 23) **J. Vijayaraghavan**, A. Belin Jude & J. Thivya (2017), "Effect of copper slag, iron slag and recycled concrete aggregate on the mechanical properties of concrete", *Resources Policy*, Vol.53, pp- 219-225.(ISSN NO: 0301-4207, IF: 3.986, Sep 2017)
- 24) D. Zunaithur Rahman, S. Jeyamugesh, S.Sivaranjani & **J. Vijayaraghavan**, (2016), "Study on Waste Rubber Tyre in Concrete for Eco-friendly Environment", *Engineering and Technology in India*, Vol.1, pp 167-176.
- 25) D. Zunaithur Rahman, S. Jeyamugesh, N. Ilakkiya & **J. Vijayaraghavan**, (2016), "Mineral Additive Based Mortar for the Enhancement of Water Repellent Properties", *Engineering and Technology in India*, Vol.1, pp 157-166.
- 26) J. Satheesh Kumar, G. Palaniselvan, D. Jayganesh, & **J. Vijayaraghavan** (2016),"Physical and Chemical characteristics of Dolomite for Partial Replacement of Cement in M20 Concrete" *Engineering and Technology in India*, Vol.1, pp 142-156
- 27) J. Jegan, **J. Vijayaraghavan**, T. Bhagavathi Pushpa & S.J. Sardhar Basha (2016), "Application of seaweeds for the removal of cationic dye from aqueous solution", *Desalination and Water Treatment*, 57(53), pp. 25812-25821. (ISSN NO: 1944-3994, 1944-3986, IF: 1.32 , Nov 2016)
- 28) T. Bhagavathi Pushpa, **J. Vijayaraghavan**, K. Vijayaraghavan & J. Jegan (2016), "Utilization of Effective Microorganisms based water hyacinth compost as biosorbent for the removal of basic dyes" *Desalination and Water Treatment*, 57(51), pp.24368-24377. (ISSN NO: 1944-3994, 1944-3986, IF: 1.32 , Nov 2016)
- 29) **J. Vijayaraghavan**, T. Bhagavathi Pushpa, S.J.Sardhar Basha & J.Jegan (2016), "Isotherm, kinetics and meachanistic studies of methylene blue biosorption onto red seaweed *Gracilaria corticata*", *Desalination and water treatment*, 57 (29), pp.13540 - 13548 . (ISSN NO: **1944-3994, 1944-3986**, IF: 1.32 , 25 June 2015 online)
- 30) T. Bhagavathi Pushpa, **J. Vijayaraghavan**, S.J. Sardhar Basha, V. Sekaran & J. Jegan (2015), "Experimental study of EM based leaf waste compost onto Malachite Green removal", *International Journal of Applied Engineering Research*, 10 (3), pp. 6547-6555.(ISSN NO: 0973-4562, 0973-9769, IF: 0.51 , Aug 2015)
- 31) **J. Vijayaraghavan**, T. Bhagavathi Pushpa, S.J.Sardhar Basha, & J.Jegan, (2015), "Removal of a basic dye from aqueous solution by *Gracilaria corticata*", *Journal of Environment and Biotechnology Research*, 1 (1), pp-30-36.
- 32) T. Bhagavathi Pushpa, **J. Vijayaraghavan**, S.J.Sardhar Basha, V.Sekaran & J. Jegan, (2015), "Investigation on removal of malachite green using *EM* based compost as adsorbent", *Eco toxicology and Environmental safety*, 118, pp-177-182. (ISSN NO: 0147-6513, IF: 4.872 , Aug 2015)
- 33) **J. Vijayaraghavan**, T. Bhagavathi Pushpa, S.J.Sardhar Basha, K. Vijayaraghavan & J.Jegan, (2015), "Evaluation of red marine alga *Kappaphycus alvarezii* as biosorbent for methylene blue: isotherm, kinetic and mechanism studies", *Separation Science and Technology*, 50(8), pp-1120-1126. (ISSN NO: 0149-6395, 1520-5754, IF: 1.718 , 7 May 2015)
- 34) M. Chockalingam, D. Jayganesh, **J.Vijayaraghavan** & J.Jegan (2013), "Scope for reuse of copper slag in concrete – A Review", *International Journal of Civil Engineering and Technology*, 4(6), pp- 89-100.
- 35) **J. Vijayaraghavan**, S.J.Sardhar Basha & J.Jegan (2013), "A review on efficacious methods to decolorize reactive azo dye" *Journal of Urban and Environmental Engineering*, 7(1), pp-30-47. (ISSN NO: 1982-3932, 0976-6308, 0976-6316 IF: 0.41, 16 Aug 2013)

Presented in Conferences , Seminar:

- 1) C.P. Mohan Kumar, **J. Vijayaraghavan** " The Impact of Disasters from Floods and Drought" International Conference on Disaster Mitigation and Management Towards Sustainable Development (IDMS 2013) held at Periyar Maniammai University, Thanjavur on 2.12.2013 to 4.12.2013.
- 2) T. Bhagavathi Pushpa, **J. Vijayaraghavan**, S.J.Sardhar Basha, V. Sekaran, *J. Jegan*, "Investigation on the removal of malachite green using *EM* based compost as adsorbent", TEQIP Sponsored Three Day International conference on Green Technology for Environmental Pollution Prevention and Control (ICGTEPC 2014) held at National Institute of Technology Tiruchirappalli on 27.8.2014 to 29.8.2014
- 3) **J. Vijayaraghavan**, T. Bhagavathi Pushpa, S.J.Sardhar Basha, *J.Jegan*, "Removal of methylene blue from aqueous solution using *Gracilaria corticata*", TEQIP Sponsored Two Day International conference on Environmental Geotechnics (ICEGEO '14) held at Anna University, Bharathidasan Institute of Technology, Tiruchirappallai on 30.10.2014 to 31.10.2014.
- 4) T. Bhagavathi Pushpa, **J. Vijayaraghavan**, S.J.Sardhar Basha, V.Sekaran, *J.Jegan*, "Experimental study of *EM* based leaf waste compost onto malachite green removal" International conference on Environmental Geotechnics (ICEGEO '14) held at Anna University, Bharathidasan Institute of Technology, Tiruchirappallai on 30.10.2014 to 31.10.2014.
- 5) J. Thivya, V. Dhanalakshmi & **J. Vijayaraghavan**," Review on Experimental Investigation of Geopolymer Ferrocement panels" International conference on Emerging Trends in Engineering & Technology (ICETET '17) held at Pandian Saraswathi Yadav Engineering College, Sivagangai.
- 6) **J. Vijayaraghavan**, A.M.Baskaran & J. Thivya, " An Experimental study on Effect of Super absorbent Polymers on workability of Concrete", International conference on Emerging Trends in Engineering & Technology (ICETET '17) held at Pandian Saraswathi Yadav Engineering College, Sivagangai on 10.3.2017 to 11.3.2017.
- 7) **J. Vijayaraghavan**, S. Murugesaboobathy & J. Thivya, "An Experimental study on Strength and flexural Behaviour of Aerated Light Weight Concrete", International conference on Emerging Trends in Engineering & Technology (ICETET '17) held at Pandian Saraswathi Yadav Engineering College, Sivagangai on 10.3.2017 to 11.3.2017.
- 8) **J. Vijayaraghavan**, "Experimental Study on Mechanical Behaviour of Concrete with partial Replacement of Recycled coarse Aggregate & Silica Fume", a International Conference on "Recent Trends in Mechanical And Civil Engineering(ICRTMCE '17) held at Christian College of Engineering & Technology, Dindigul on 16.3.2017 to 18.3.2017.
- 9) **J. Vijayaraghavan**, "Effect of brick bats as a coarse aggregate on the properties of cement concrete", a International Conference on "Recent Trends in Mechanical And Civil Engineering(ICRTMCE '18) held at Christian College of Engineering & Technology, Dindigul on 7.3.2018 to 8.3.2018.
- 10) Zhunathur Rahuman, **J.Vijayaraghavan** & J.Thivya, " Elimination of Nickel (II) Ions using various natural/ modified adsorbent", DST- SERB Sponsored International Conference on Recent Trends in Green Chemistry and Material Science (RTGCMS- 2020) held at Mohamed Sathak Engineering College, Kilakarai on 23.01.2020 to 24.01.2020.
- 11) J. Thivya, F. David Kithion, J. Vijayaraghavan, "Study on the Behaviour of Concrete Using Recyclable Rubbish", Online live (Virtual)National Conference on "Recent Trends in Civil and Environmental Engineering(NCRTCEE'20) held at University College of Engineering Bharathidasan Institute of Technology Campus, Tiruchirappallai on 26.08.2020.
- 12) **J.Vijayaraghavan**, R. Jeevakkumar, G. Venkatesan, M. Rengasamy & J. Thivya, " Study on geopolymer coatings for evaluation of corrosion protection of steel reinforcements in R.C.C Structures ", (Virtual Mode) National Conference on Advancements in Civil Engineering (NCACE- 2020) by the Department of Civil Engineering at Vignan Institute of Technology and Science, Yadadri Bhuvanagiri Dist., Telangana, India held on 29.12.2020 to 30.12.2020.

- 13) J. Thivya , P. Sayipriya & **J.Vijayaraghavan** “ Study on Flexural behaviour of Steel fibres in Tension on RC Members” (Virtual Mode) International Conference on Contemporary Engineering and Technology Organized by Organization of Science & Innovative Engineering and Technology, Chennai in Association with Prince Shri Venkateshwara Padmavathy Engineering College, Prince Dr. K. Vasudevan College of Engineering & Technology Medavakkam, Chennai – 600127 held on 10.04.21 to 11.04.2021.
- 14) R.Sajana, J.Thivya, **J. Vijayaraghavan**, (2022) “Experimental Study On Concrete Beam By Partial Replacement Of coarse Aggregate By LDPE Granules And Cement By Alccofine””, Two days International conference on Recent Advances In Sustainable Construction Technologies and Environment (ICRASCE-2022)” Organized By Department Of Civil Engineering, School Of Infrastructure, B.S. Abdur Rahman Crescent Institute Of Science And Technology On 15.06.2022 and 16.6.2022.
- 15) S. Bensila, J.Thivya, **J. Vijayaraghavan**, (2022) “A Study on mechanical properties of Self Curing Concrete With Partial Replacement of Copper Slag As Fine Aggregate”, Two days International conference on Recent Advances In Sustainable Construction Technologies and Environment (ICRASCE-2022)” Organized By Department Of Civil Engineering, School Of Infrastructure, B.S. Abdur Rahman Crescent Institute Of Science And Technology on 15.06.2022 and 16.6.2022.
- 16) J.Thivya, **J. Vijayaraghavan & Iyappan** (2022) “Mechanical and durability properties of sustainable concrete incorporating copper slag with polypropylene fiber”, National conference on Recent Innovations in Science, Engineering & Management RISE- 2022 held at Raja Ratna Kits Engineering College, Andhra Pradesh on 26.06.2022 to 27.06.2022.
- 17) A. Sujaatha, **J. Vijayaraghavan & S. Sridevi** (2022) “Experimental Investigation On Mechanical Properties Of Geopolymer Concrete With Sugarcane Bagasse Ash”, International conference on Emerging Trends in Science, Engineering & Technology (ICETSET- 2022) held at Jerusalem College of Engineering, Chennai on 07.07.2022 to 8.07.2022.
- 18) M.V.V. Thirumuruga Poiyamozhi, Inbanila. T, J.Thivya & **J. Vijayaraghavan** “Assessment of Water Quality Parameters in Sipcot Industrial Area”, International Conference on Environmental Pollution and Control Technologies (EPACT 2022) at Department of Chemical Engineering, Annamalai University, Chidambaram during the period 26.08.2022 to 27.08.2022.
- 19) **J. Vijayaraghavan**, A. Sujaatha, & J. Thivya (2023),” Comparative Study on Mechanical Properties of conventional Concrete by using Chemical Admixture” National Conference on Bioengineering and Environmental Safety (BEES- 2023) at Department of Chemical Engineering, Annamalai University, Chidambaram during the period 24.02.2023 to 25.02.2023.
- 20) J. Thivya , P. Malaiyappavijayan & **J. Vijayaraghavan** (2023),” Performance evaluation of Eco- Sand and flyash based concrete composite- An Eco Sustainable approach” National Conference on Bioengineering and Environmental Safety (BEES- 2023) at Department of Chemical Engineering, Annamalai University, Chidambaram during the period 24.02.2023 to 25.02.2023.
- 21) **J. Vijayaraghavan** (2023), ” The NSS’s Responsibility to students in Higher Education”, Indian Council of Social Science Research Sponsored Seminar on Interweaving Sustainable Development Goals through National Service Scheme organized by National Service Scheme Cell , Anna University, Chennai during the period 03.11.2023 to 04.11.2023.
- 22) J.Thivya, G.Iyappan, **J. Vijayaraghavan**, K. Suganthi (2023) “Utilization of crumb rubber with partial replacement of fine aggregate in concrete”, International conference on Innovative Research Trends in Civil Engineering in association with ICI & IEEE held on 16.11.2023 and 17.11.2023 at Department of Civil Engineering, Sri Sai Ram Engineering College.
- 23) **J. Vijayaraghavan**, A.K. Nantha kumar & J. Thivya (2024), “Study on water quality index in Ramanathapuram dumping site using GIS” International Conference on Innovative Trends in Engineering and Sciences (ICITES- 2024) at School of Mechanical Sciences , Bannari Amman Institute

of Technology, Sathyamangalam, Erode District during the period 26.03.2024 to 27.03.2024. (ISBN Number: 978-93-340-4448-5)

- 24) J. Vijayaraghavan , Ms.A.Sujaatha & J. Thivya (2024), “Sustainable concrete with silicious industrial byproduct as a binder” in 11th International conference on Emerging Trends in Engineering and Technology (ICETET ’24) held on 26.04.2024 & 27.04.2024 at Pandian Saraswathi Yadav Engineering College, Sivagangai.
- 25) J.Vijayaraghavan , A. K. Nantha Kumar & J.Thivya (2024), “Study on water quality index in Sivakangai dumping site using GIS” in 11th International conference on Emerging Trends in Engineering and Technology (ICETET ’24) held on 26.04.2024 & 27.04.2024 at Pandian Saraswathi Yadav Engineering College, Sivagangai.
- 26) J.Vijayaraghavan, G.Vairmani & J.Thivya, “Performance evaluation of steel slag as a sustainable aggregate in concrete” in 12th International conference on Emerging Trends in Engineering and Technology (ICETET ’25) held on 4.04.2025 & 5.04.2025 at Pandian Saraswathi Yadav Engineering College, Sivagangai.(The mode of conference is Hybrid (Online & Offline)

Invited Lectures:

- 1) Delivered a technical lecture in the topic “Structural Dynamics and Earthquake Engineering” for the Faculty Development Training Programme (FDP) on CE 6701- Structural Dynamics and Earthquake Engineering during on 02.06.2016 to 08.06.2016 organized by department of Civil Engineering, University College of Engineering Panruti, Panruti 7th June 2016.
- 2) Delivered a keynote speaker & keynote address in the topic “Recent Advancement in Waste Water Treatment” for the “National Workshop on Recent Advances in Structural and Environmental Engineering” organized by department of Civil Engineering in association with ICI student chapter at K.S.R College of Engineering , Tiruchengode,8th September 2017.
- 3) Invited key note speaker on “Self compacting concrete” for the one day workshop on “Advanced Construction Technology” organized by Department of Civil Engineering in Association with IE (I) at Ganesh College of Engineering Mattupatti ,Salem held on 19.03.2018.
- 4) Delivered a keynote speaker & keynote address in the topic “Recent Advancement in Civil Engineering” for the National Conference Recent Advancement in Civil Engineering on organized by department of Civil Engineering at Sudharsan Engineering College, Pudukkottai on 12.05.2018.
- 5) Delivered a technical lecture in the topic “Planning & Development of Irrigation Projects” for the Faculty Development Training Programme (FDP) on “CE 6703- Water Resources and Irrigation Engineering” organized by department of Civil Engineering, University College of Engineering Panruti, Panruti 8th June 2018.
- 6) Delivered a keynote speaker & keynote address in the topic “Recent Trends in Civil Engineering” for the National Conference Recent Trends in Civil Engineering on organized by department of Civil Engineering at Mother Teresa College of Engineering and Technology, Pudukkottai on 21.03.2019.
- 7) Delivered an invited lecture in the topic “Desalination with membrane” for AICTE Sponsored Two weeks Faculty Development Programme on “The Global Challenges of Desalination” on organized by department of Chemical Engineering at St. Joseph’s College of Engineering, Chennai on 07.12.2019.
- 8) Delivered an invited lecture in the topic “Structural health monitoring and 3D printing in building structures” in the National level Technical Workshop & Seminar on “ CIVIGON’20” on organized by department of Civil Engineering at University College of Engineering Panruti on 21.02.2020.
- 9) Acted as a Jury in the “Project Expo” for the final year Students organized by Sri Sai Ram Engineering College, Chennai on 11.03.2020.
- 10) Delivered an invited lecture in the topic “Slope deflection method” in the National level Webinar on “Structural Engineering” on organized by department of Civil Engineering at Sri Ranganathar

Institute of Engineering and Technology, Coimbatore on 27.10.2020.

- 11) Delivered an invited lecture in the topic “Innovations in Construction Materials” in the National Conference (Online) on “Innovations in Construction Materials” on organized by department of Civil Engineering at Muthayammal Engineering College, Rasipuram, Namakkal on 15.04.2021.
- 12) Delivered an invited lecture in the topic “ Techniques for Repair and Protection Methods” on 29.05.21 in the AICTE Sponsored 14 days Faculty Development Training Program for the subject “Structural Assessment, Repair and Rehabilitation of Structures ” Organized by Department of Civil Engineering, Sri Krishna College of Engineering and Technology, Coimbatore during 24.05.2021 to 05.06.2021.
- 13) Delivered an invited lecture in the topic “Site Investigation and Selection of Foundation” in the Guest Lecture Programme on “Foundation Engineering” Organized by Department of Civil Engineering, E.G.S PILLAY ENGINEERING COLLEGE, Nagapattinam on 17.12.2021.
- 14) Delivered a lecture in the topic “ Unsymmetrical bending of beams of symmetrical and unsymmetrical sections” on 30.12.2021 in the Anna University Sponsored online six days Faculty Development Training Programme (FDP) for the subject “CE 8402 Strength of Materials –II” organized by department of Civil Engineering, University College of Engineering Dindigul, Dindigul during 24.12.2021 to 31.12.2021.
- 15) Delivered a lecture in the topic “Role of Civil Engineers in Modern India” on 24.12.2022 in the First year Induction Programme 2022-2023 at University College of Engineering Ramanathapuram, Ramanathapuram.
- 16) Delivered a lecture in the topic “Role of Civil Engineers in India” in the First year Induction Programme 2023-2024 at University College of Engineering Ramanathapuram, Ramanathapuram.
- 17) Delivered an invited lecture in the topic “Artificial Intelligence for Construction Safety” on 22.12.2023 for AICTE and AICTE Training and Learning (ATAL) Academy Sponsored one week Faculty Development Programme on “Artificial Intelligence in the Construction Industry” on organized by department of Civil Engineering at Thiagarajar Polytechnic College, Salem during 18.12.2023 to 23.12.2023.
- 18) Delivered an invited lecture in the topic “Sustainable Waste Management” for Symposium on “KARKKAI ASTHRA ’24” on organized by department of Civil Engineering, University College of Engineering Dindigul at Dindigul- 624 622 on 22.03.2024.
- 19) Delivered an invited lecture in the topic “ Fourth Generation fuel from Algal Bloom” on 25.04.2024 (A.N) for Tamilnadu State Government Sponsored Five days online Faculty Development Programme on “ Innovative approaches for the transformation of waste to wealth towards SDG’17” on organized by Faculty Development Training Centre, Government College of Technology, Coimbatore in association with Department of Civil Engineering, Government College of Technology, Tirunelveli through online Mode during 22.04.2024 to 26.04.2024.
- 20) Delivered an invited lecture in the topic “Sustainable Waste Management” for a one day online (Virtual mode) national level seminar entitled “Waste management in smart cities ” on organized by department of Civil Engineering, University College of Engineering Dindigul at Dindigul- 624 622 on 13.11.2024.
- 21) Delivered an invited lecture in the topic “Advancing Green Infrastructure Sustainability through SDG Innovations” for a Six days online Faculty Development Programme on “Sustainability in Green Infrastructures - Innovations through SDG” from 06.01.2025 to 11.01.2025 on organized by Department of Civil Engineering, Sri Sairam Engineering College, Chennai - 600 044 on 11.1.2025.
- 22) Jury and Key Note Speaker Delivered an invited lecture in the topic “ The Role of IoT in Smart Cities”” for 4th International Conference on “Building a sustainable Future with Recent Trends in Science and Technology -2025” (ICOST’25) from 21.03.2025 to 22.02.2025 on organized by Annapoorna Engineering College, Salem – 636 308 on 22.03.2025.

- 23) Delivered an invited lecture in the topic “Global Water Security: A Holistic Approach” for online Webinar organized by Department of Civil Engineering in association with Paavai Civil Engineering Association, Namakkal – 637 018 on 04.09.2025.
- 24) Acted as a Jury in the “Mime Event- Kalloori Kalai Thiruvizha 2025” organized by University College of Engineering Ramanathapuram, Ramanathapuram on 27.10.2025.

Faculty Development Programmes, Conferences, Workshops, Seminars, Webinar & Industrial Training Courses, Awareness Programme and etc: Organized / Conducted, Attended:

Organized / Conducted:

- 1) Organized/ Conducted a 6 days Online Faculty Development Training Program for the subject “CE 8301- Strength of Materials I”, funded by Centre for Faculty Development, Anna University Chennai (7th June 2021 to 12th June 2021). (Acted as a Coordinator)
- 2) Organized Blood Donation Camp on 22.11.2023 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 3) Organized/ Conducted “Voter Awareness Rally” on 12.12.2023 at Pullangudi, University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 4) Organized/ Conducted “Chart/ Poster Presentation about Voting” on 12.12.2023 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 5) Organized/ Conducted “Speech, Drawing & Essay Writing about Voting” on 20.1.2024 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 6) Organized/ Conducted “Singing Competition about Voting” on 20.2.2024 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 7) Organized/ Conducted a 7 days “NSS Special Camp”, funded by NSS Cell, Anna University Chennai (16th Feb 2024 to 22nd Feb 2024). (Acted as a Coordinator)
- 8) Organized/ Conducted “Voter Awareness Rally” on 13.03.2024 at Pullangudi, University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 9) Organized/ Conducted “Voter Awareness Rally” on 06.04.2024 at Pullangudi, University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 10) Organized/ Conducted “Swachhata Hi Seva 2024” from 17.09.2024 to 02.10.2024 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 11) Organized/ Conducted a Seminar on “Awareness of Blood Donation” on 18.10.2024 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 12) Organized/ Conducted a one day National Seminar on “Artificial Intelligence for waste management in smart cities (Virtual Mode)” on 7.11.2024 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)
- 13) Organized/ Conducted a AICTE –ATAL Sponsored Online Six Days Faculty Development Programme (FDP) on “Sustainable Urban Growth: The Intersection of Smart Cities and Mobility” 20.01.2025 to 25.01.2025 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Co-Coordinator).
- 14) Organized/ Conducted a 7 days “NSS Special Camp”, funded by NSS Cell, Anna University Chennai (13th Feb 2025 to 19th Feb 2025). (Acted as a Coordinator).
- 15) Organized/ Conducted a Seminar on “Awareness of Blood Donation” on 16.10.2025 at University College of Engineering Ramanathapuram, Ramanathapuram. (Acted as a Coordinator)

Attended:

- 1) Attended and Completed a National Workshop on “Recent Trends in Solid Waste Management Systems”, at V.R.S College Of Engineering & Technology, Arasur, Villupuram (20th August 2010).
- 2) Attended and Completed a Workshop on “Planning & Drafting with Vaastu & CADD”, at Excel Engineering College, Pallakapalayam, Namakkal (2nd September 2010).
- 3) Attended and Completed a CSIR Sponsored National Workshop on “Disaster Mitigation and Engineering”, at V.R.S College Of Engineering & Technology, Arasur, Villupuram (25th November 2010).
- 4) Attended and Completed a Workshop on “Research Methodology: Objectives and Approaches”, at Anna University of Technology Madurai, Madurai (29th December 2010).
- 5) Attended and Completed a 2 days Faculty Development Training Programme on “Discrete and Fuzzy Mathematics” at Anna University of Technology Madurai, Ramanathapuram Campus, Ramanathapuram (07th to 08th April 2011)
- 6) Attended and Completed, Ministry of Human Resource Development, Chennai sponsored a Technical Teacher Training & Research program on Instructional Design and Delivery at Anna University of Technology Madurai, Madurai (13th to 15th July 2011)
- 7) Attended and Completed a National level Workshop on “Modern Trends and Developments in Civil Engineering”, at Karpagam College of Engineering, Coimbatore (26th August 2011).
- 8) Attended and Completed a Seminar on “Recent Advancements in Earthquake Resistant Techniques”, at Kongu Engineering, College, Perundurai, Erode. (25th November 2011)
- 9) Attended and Completed a International Workshop on “Climate Change jointly”, at Thiagarajar College Of Engineering, Madurai (6th April 2012).
- 10) Attended and Completed a one week Short Term Training Programme on” Industrial Effluent Treatment – Emerging Trends & Challenges Ahead”, Sponsored by CSIR & ISTE at Annamalai University, Chidambaram (11th to 15th June 2012)
- 11) Attended and Completed a 7 days Faculty Development Training Program for the subject “Construction Planning & Scheduling”, funded by Centre for Faculty Development, Anna University Chennai at University College Of Engineering Ramanathapuram.(17th December to 23rd December 2012)
- 12) Attended and Completed a Workshop on “Teaching Skills and Smart Class Room Tools”, at Centre for Faculty Development, Anna University Chennai (07th January 2013).
- 13) Attended and Completed a Workshop on “How to Write for and Get Published in Scientific Journals and Publish Manuscripts”, at Anna University Chennai (29th January 2013).
- 14) Attended and Completed a 7 days Faculty Development Training Program for the subject “Contemporary Research and Practices in Pollutant Elimination Systems towards Cleaner Environment” , funded by AICTE, (20th to 26th May 2013)
- 15) Attended and Completed a 7 days Faculty Development Training Program for the subject “Applied Hydraulic Engineering”, funded by Centre for Faculty Development, Anna University Chennai (29th November 2013 to 6th December 2013)
- 16) Attended and Completed a 7 days Faculty Development Training Program for the subject “Strength of Materials”, funded by Centre for Faculty Development, Anna University Chennai (16th to 22nd June 2015)
- 17) Attended and Completed a International Conference on “Recent Trends in Mechanical And Civil Engineering”, at Christian College of Engineering & Technology, Dindigul (17th to 19th March 2016).

- 18) Attended and Completed a 7 days Faculty Development Training Program for the subject “CE6502-Foundation Engineering”, funded by Centre for Faculty Development, Anna University Chennai held at University College of Engineering Pattukkottai(6th to 12th May 2016)
- 19) Attended and Completed a 14 days Faculty Development Training Program for the subject “Prefabricated Structures”, funded by TEQIP II held at Bharathidasan Institute of Technology, Tiruchirappalli (4th to 17th June 2016)
- 20) Attended and Completed a National Conference on “Recent Innovation in Civil Engineering”, at Mohamed Sathak Engineering College, Ramanathapuram. (25th March 2017).
- 21) Attended and Completed All India Seminar on “Industrial Waste Management In India”, at Vickram College of Engineering, Enathi, Sivagangai. (3rd & 4th August 2017).
- 22) Attended and Completed a 14 days Faculty Development Training Program for the subject “Foundation Program in ICT for Education”, Sponsored by PMMMNMTT,MHRD,Gol./AICTE, Organized by Indian Institute of Technology Bombay held at Anna University Regional Campus, Madurai (3.08.2017 to 9.09.2017)
- 23) Attended and Completed a 14 days Faculty Development Training Program for the subject “Pedagogy for Online and Blended Teaching – Learning Process”, Sponsored by AICTE, Conducted by Indian Institute of Technology Bombay held at Anna University Regional Campus, Madurai (14.09.2017 to 12.10.2017)
- 24) Attended and Completed a 14 days Faculty Development Training Program for the subject “Advances in Wastewater Treatment and Air Pollution Control Techniques”, Sponsored by AICTE, Organized by Department of Chemical Engineering held at Annamalai University, Chidambaram (13.11.2017 to 25.11.2017)
- 25) Attended and Completed a International Conference on “Recent Trends in Mechanical And Civil Engineering”, at Christian College of Engineering & Technology, Dindigul.(7th to 9th March 2018).
- 26) Attended and Completed a 21 days Refresher course in Environmental Studies (ID)”, Sponsored by UGC, Organized by UGC- Human Resource Development Centre held at Bharathiar University, Coimbatore (04.07.2018 to 24.07.2018)
- 27) Attended and Completed a One day Workshop on “Writing Science, Engineering and Technology in Tamil”, at Anna University Regional Campus Madurai, Madurai.(1st November 2019).
- 28) Attended and Completed a 14 days Faculty Development Training Program for the subject “Analysis and Limit State Design of Structural Steel Works as per IS 1893- 2016 & IS 800- 2007”, Sponsored by AICTE, Organized by Department of Civil Engineering held at Government Engineering College , Salem. (13.11.2019 to 26.11.2019).
- 29) Attended and Completed a 14 days Faculty Development Training Program for the subject “Managing Online Classes And Co-Creating MOOCS”, Sponsored by Ministry Of Human Resource Development Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching, Conducted by Teaching Learning Centre, Ramanujan College (University Of Delhi) held at Online Mode (20.04.2020 to 06.05.2020).
- 30) Attended and Completed a one day webinar on “Biochar and its application”, conducted by Department of Civil Engineering at Mohamed Sathak Engineering College, Kilakarai.(20.05.2020).
- 31) Attended and Completed a 21 days Industrial Training Program on “Telecom Tower Construction”, Conducted by Rajiv Gandhi Memorial Telecom Training Centre, BSNL, Chennai held at Online Mode & Physical Training (15.05.2020 to 05.06.2020).
- 32) Attended and Completed a online one week Short Term Training Programme for the subject “Industrial and Municipal Solid Waste Management for Green India”, Sponsored by AICTE, Organized by Department of Civil Engineering, P. S .R Engineering College, Sivakasi. (20.07.2020 to 26.07.2020)

- 33) Attended and Completed a online one week Short Term Training Programme for the subject “ Application of Remote Sensing in Soil and Groundwater Contamination Assessment ”, Sponsored by AICTE, Organized by Department of Civil Engineering, Sri Krishna College of Engineering and Technology, Coimbatore. (03.08.2020 to 08.08.2020).
- 34) Attended and Completed a online one week Short Term Training Programme for the subject “ A Beeline for Circular Economy through Sustainable Waste Management”, Sponsored by AICTE, Organized by Department of Civil Engineering, K.S.R College of Engineering , Tiruchengode. (24.04.2021 to 01.05.2021).
- 35) Attended and Completed a online 14 days Faculty Development Training Program for the subject “Structural Assessment, Repair and Rehabilitation of Structures”, Sponsored by AICTE, Organized by Department of Civil Engineering, Sri Krishna College of Engineering and Technology, Coimbatore. (24.05.2021 to 05.06.2021).
- 36) Attended and Completed a 14 days Industrial/ Professional Training Program at (05.01.2022 to 19.01.2022).
- 37) Attended and Completed the 5 days online FDP on the theme “Inculcating Universal Human Values in Technical Education” Organized by AICTE, Nelson Mandela Marg, Vasant Kunj. New Delhi. (14.03.2022 to 18.03.2022(*19.03.2022 instead 18.03.2022 **Holi Festival leave declared**).
- 38) Attended and Completed a L & T EduTech- Naan Mudhalvan Training of Trainers program for Building Information Modeling” on 21. 9.2022 at Thiagarajar College, Madurai.
- 39) Attended and Completed RUSA 2.0 & TNSCST Sponsored Two day National Workshop on “Recent Trends in Solid Waste Management Systems”, J. Vijayaraghavan & Iyappan (2022) “Propect and Promote Intellectual Property Rights and Patents -2022 (PPIPRP- 2022)”, International Conference on Environmental Pollution and Control Technologies (EPACT 2022) Oganized by the Department of Chemical Engineering, Faculty of Engineering and Technology & Centre for Intellectual Property Rights (CIPR) Annamalai University, Chidambaram during the period 01.11.2022 to 02.11.2022.
- 40) Attended and Completed RUSA 2.0 Sponsored one week Faculty Development Program on “Disaster Management (DISMA-2022) Oganized by the Department of Chemical Engineering, Faculty of Engineering and Technology, Annamalai University, Chidambaram during the period 12.12.2022 to 18.12.2022.
- 41) Attended and Completed AICTE Sponsored NITTTR- NITTT “Module 1: Orientation towards Technical Education and Curriculum Aspects” Organized by NITTT during the period 1.10.2022 to 30.11.2022 and Certificate Received February 2023.
- 42) Attended and Completed AICTE Sponsored NITTTR- NITTT “Module 5: Technology Enabled Learning & Life Long Self Learning” Organized by NITTT during the period 1.10.2022 to 30.11.2022 and Certificate Received February 2023.
- 43) Attended and Completed AICTE Sponsored NITTTR- NITTT “Module 6: Student Assessment and Evaluation” Organized by NITTT during the period 1.10.2022 to 30.11.2022 and Certificate Received February 2023.
- 44) Attended and Completed a 4 Week Faculty Induction/ Orientation Programme for “Faculty in Universities/ Colleges/ Institutes of Higher Education” from 23 April 2023 to 22 May 2023 and obtained Grade A+ Sponsored by Ministry Of Human Resource Development Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching, Conducted by Teaching Learning Centre, Ramanujan College (University Of Delhi) held at Online Mode.
- 45) Attended and Completed a 8 Week Course Programme for “Building Materials and Composites” from July 2023 to September 2023, NPTEL Online Certificate (Funded by the MoE, Govt.of India), Conducted by IIT Kharagpur and held at Online Mode. (Exam Date: 24. 09.2023).

- 46) Attended and Completed AICTE Sponsored NITTTR- NITTT “Module 2: Professional Ethics & Sustainability” Organized by NITTT during the period 1.04.2023 to 31.05.2023 and Certificate Received September 2023.
- 47) Attended and Completed AICTE Sponsored NITTTR- NITTT “Module 3: Communication Skills, Modes & Knowledge Dissemination” Organized by NITTT during the period 1.04.2023 to 31.05.2023 and Certificate Received September 2023.
- 48) Attended and Completed AICTE Sponsored NITTTR- NITTT “Module 4: Instructional Planning and Delivery” Organized by NITTT during the period 1.10.2022 to 30.11.2022 and Certificate Received February 2023.
- 49) Attended and Completed AICTE Sponsored NITTTR- NITTT “Module 7: Creative Problem Solving, Innovation and Meaningful R & D” Organized by NITTT during the period 1.04.2023 to 31.05.2023 and Certificate Received September 2023.
- 50) Attended and Completed AICTE Sponsored NITTTR- NITTT “Module 8: Institutional Management & Administrative Procedures” Organized by NITTT during the period 1.04.2023 to 31.05.2023 and Certificate Received September 2023.
- 51) Attended and Completed AICTE, ATAL Sponsored Six days “Faculty Development Training Program for the subject “Sustainable Waste Management”, Organized by Department of Civil Engineering, SSM Institute of Engineering and Technology, Dindigul. (05.02.2024 to 10.02.2024).
- 52) Participated in Leprosy Survey had done Interpersonal Communication and Health Education regarding Leprosy held at Pullangudi Village during 20.02.2024 to 21.02.2024 Organized by National Leprosy Eradication Programme, Medical Services (Leprosy) Ramanathapuram District.
- 53) Attended and Completed a two days Training Programme for “My Bharat Portal & Digital Literacy” Sponsored by Department of Youth Affairs, Ministry Of Youth Affairs and Sports (Government of India) Conducted at National Engineering College, Kovilpatti during 16.05.2024 to 17.05.2024.
- 54) Attended and Completed a 6 days Faculty Empowerment Programme for the subject “CE3003 – Prefabricated Structures”, Sponsored by Anna University Chennai at University College Of Engineering Pattukottai, Thanjavur District.(24th June 2024 to 29th June 2024).
- 55) Attended a one day Orientation & PFMS Training for NSS programme officers held on 06.12.2024 at Anna University Regional Campus Madurai conducted by National Service Scheme, Anna University, Chennai- 600 025.
- 56) Attended a workshop on “ Outcome Based Education” held on 05.04.2025 at CUIC Auditorium, Anna University, Chennai- 600025 conducted by Directorate of Technical Education, Chennai- 600 025.
- 57) Attended and Completed a online in CII certified “Professional in Resource Efficiency and Environmental Sustainability” during 05.07.2025 to 10. 08.2025.
- 58) Attended and Completed AICTE- ATAL Sponsored Online Six days “Faculty Development Training Program for the subject “Artificial Intelligence for Environmental Sustainability and Disaster Resilience”, Organized by Department of Civil Engineering, University College of Engineering Dindigul, Dindigul. (22.09.2025 to 27.09.2025).
- 59) Attended and Completed a one day workshop for NSS Programme Officers on Sensitization Against Digital Media Addiction (Information Literacy and cyber Safety)” on 05.12.2025 at University of Madras, Chennai- 600 025 organized by State NSS Cell, Government of Tamilnadu and NSS, University of Madras in association with Tamilnadu Fact Check Unit.
- 60) Attended and Completed a two weeks Industrial Training Program on “Industrial Automation and Internet of Things”, Conducted by Industry 4.0 Centre, Government ITI, Ramanathapuram. (19.12.2025 to 03.01.2026).

Other Information:

- 1) Assisted to Chief Superintendent in the Exam cell for Anna University practical and theory Examinations during the year 2011 to 2013.
- 2) Established Engineering Practice & Surveying laboratories at University College of Engineering Ramanathapuram in the year 2011 & 2012.
- 3) Organizer for Industrial visits in the department for the year 2011, 2012, 2019.
- 4) Faculty Advisor & Class Incharge.
- 5) Member of the Inspection Committee, Centre for Affiliations of Institution, Anna University, Chennai (Lr. No 081/CAI/ Inspection 2017-2018/ Chennai HQ / Team M-5, Dated 20.2.2017)
- 6) Member of the Inspection Committee, Centre for Affiliations of Institution, Anna University, Chennai.(Lr. No 065/CAI/ Inspection 2018-2019/ Madurai / Team m-13 / MDU, Dated 15.2.2018)
- 7) Member of the Inspection Committee, Centre for Affiliations of Institution, Anna University, Chennai.(Lr. No 138/CAI/ Inspection 2020-2021/ Madurai / Team M-8 / MDU, Dated 7.3.2020).
- 8) Member of the Internal Quality Assurance cell, University College of Engineering Ramanathapuram. (Dated: 19.5.20).
- 9) Member of the Swachhta Action Plan (SAP) activities post COVID 19, University College of Engineering Ramanathapuram. (Dated: 12.8.20).
- 10) College Annual Report Preparation with effect from 02.08.2019 onwards (2018-2019, 2019-2020, 2020-2021, 2021-2022, 2022-2023, 2023-2024, 2024-2025).
- 11) To serve as Committee Member towards the Conduct of Anna University Viva-voce Examinations for M.E Structural Engineering on ST 5412 Project Work- Phase II on 23.09.20 at Anna University Regional Campus Madurai. (Letter No: AU/RCM/ Civil/ 2020- 006 dated 17.09.2020.
- 12) Member of the Inspection Committee, Centre for Affiliations of Institution, Anna University, Chennai.(Lr. No 010/CAI/ INS 2022-2023/ MDU / MEMBER/MD010 / MDU, Dated 12.05.2022).
- 13) Member of the Physical Verification of Stock and Store Inspection Committee (Nominated in the Department of Mechanical Engineering), University College of Engineering Ramanathapuram. (Dated: 9.11.22).
- 14) Member of the Inspection Committee, Centre for Affiliations of Institution, Anna University, Chennai.(Lr. No 005/CAI/ INS 2025-2026/ TVL / MEMBER/TV005, Dated 19.04.2025), Inspections from 26.5.2025 to 28.05.2025)

Examination Duties:

(i) Question Paper:

Question Paper Setting in Various Reputed Engineering Colleges and a **Chairman** in Question paper Settings.

(ii) Paper Valuation, Internal and External Examiner:

UG and PG Papers since 2010 onwards.

(iii) Acted as **Anna University Representative & Squad Member** for Anna University, Chennai Examinations.

(Dr . J. VIJAYARAGHAVAN)