|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | ***About me***  Dr.D.S.Vijayan (Academician, Researcher, Reviewer, Editor, Innovator and Consultant) complete Graduation in Civil Engineering from Bharath University in the year 2007, Post-Graduation in Structural Engineering from B.S Abdur Rahman Crescent Engineering College Affiliated to Anna University in the year 2010 and has received Doctorate degree from Bharath Institute of Higher Education and Research in June 2017 in the title of “Behavior Of Pre-Stressed Concrete Beams Strengthened With Fibre Reinforced Polymer Laminates” with high recommendation and completed my doctorate in pre-stressed concrete beams with FRP Laminates and has major interest in design and experimental works.  Published 55 International Research papers and 12 National Research Paper. He has 6 Patent to his credit in the area of Juliflora plant Ash replacement with cement in the field of civil engineering and attended 23 National and International workshop. Attended more than 100 online webinars and complete 40 online courses in courser, etc. Reviewed 53 research article from leading journals like Elsevier journals, Scopus etc. Have 2 years of industrial and 11years of teaching experience.  Has a life member in ICI (Indian Concrete institute), ISTE (Indian Society for Technical Education), InSc Life member, Institution of Engineers (India) [IEI] life member from 2019 and ASCE (American Society for Civil Engineering). Certified Registered Engineer Grade I from Greater Chennai Corporation from 2019 to 2024 and Certified Registered Structural Engineer Grade I from CMDA (Chennai Metropolitan Development Authority) from 2019 to 2024. Certified Chartered Engineer from Institution of Engineers (India) [IEI].  Currently working as Associate Professor in the department of Civil Engineering on Aarupadi Veedu institute of Technology and guiding 2-Part time Research Scholar Currently working in the field of sensor Structural Heath Monitoring, Geopolymer Stabilized Expansive Soils, Bottom Ash, Pre-stressed Concrete, Etc.  **Educational Qualification**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Course** | **Institute** | **Department** | **Board / University** | **Year of passing** | | B.Tech | Bharath Institute of Higher Education and Research | Civil Engineering | Deemed University | May 2007  First Class | | M.E. | B.S. Abdur Rahman crescent engineering college | Structural Engineering | Anna university | June 2010  First Class | | Ph.D | Bharath Institute of Higher Education and Research | Structural Engineering | Deemed university | June 2017  Highly Recommended |   **Academic Experience**   |  |  |  |  | | --- | --- | --- | --- | | **Position** | **Organization** | **From** | **To** | | Assistant Professor Grade - II | Aarupadai Veedu Institute of Technology | 22-01-2018 | Till dated | | Associate Professor | Bharath University | 16-02-2020 | 30-11-2020 | | Assistant Professor & Head of the department | Adhi College of Engineering & Technology | 16-03-2016 | 09-02-2016 | | Assistant Professor & Head of the department | Sri Laskhmi Ammal Engineering College | 21-08-2013 | 11-03-2016 | | Assistant Professor | Bharath University | 10-08-2011 | 19-08-2013 |   **Funding project**  Received Rs 10000 as a fund for the student project from Tamil Nadu state council for science and technology in the title of “UTILIZATION OF RED MUD”  **Academic activities and responsibility**   * Research activities for publication in international standard * Academic classes handling for both UG and PG for civil engineering department * Guiding students for academic projects for both UG and PG * Strength of materials lab-in-charge * PG class co-ordinator * Having an experience of handling all civil engineering laboratory classes * NAAC Co-ordinator * Worked for Accreditation Board for Engineering & Technology (ABET) * UBA Co-ordinator * Admission Co-ordinator * Students mentor and chairperson * IIC Activity Program Co-ordinator * Design and supervision of sewage treatment plant work in the college campus * Design of rain water harvesting system for college * Inauguration of ASCE student chapter * Guest lectures visit to other colleges * Co-ordinating Industrial visit for students * Conducted summer courses like vasthu, drawing and estimation * Inauguration of ICI student chapter   **Industry Experience**   |  |  |  |  | | --- | --- | --- | --- | | **Position** | **Organization** | **From** | **To** | | Engineer | Ahilam Construction (P) Ltd Chennai | 07-06-2010 | 05-08-2011 | | Project Co-ordinator | Magashima Construction(P) Ltd | 13-06-2020 | 08-08-2008 |   **Industrial activities and responsibility**   * Project co-ordinator * Building estimation * Site supervision * Planning * Structural design * Bim modelling * Quality control * Bar bending and scheduling * Worked on major project for Raheja in multi-storey and tower project in white field, Bangalore * Worked for batching plant at white field, Bangalore * Worked on a project for HCL   **Government Approval**  Greater Chennai Corporation CMDA Approved Registered Engineer licensing (License No 2216 of 2017 - 18)   * Building plan for G + 4. * Building Drawing and layout   Chennai Metropolitan Development Authority Approved Registered Structural Engineer Licensing (License No SE/GR-I/19/06/160)   * Complete reinforced concrete structures. * Steel framed structures.   **Training Undergone**   * Master Assessor for the Qualiﬁcation Pack of Lead Assessor (MEP/Q2702)- v1.0 conforming to National Skill Qualiﬁcation Framework Level – 6 Date of Issue: 31/05/2021 | Valid Upto: 31/05/2023 * Master Trainer for the Qualiﬁcation Pack of Master Trainer (MEP/Q2602)- v1.0 conforming to National Skill Qualiﬁcation Framework Level – 6 Date of Issue: 31/05/2021 | Valid Upto: 31/05/2023   **National Skill Qualiﬁcation Framework**   * Implant Training in AAI (Airport Authority of India) certificate from 13.07.2009 to 13.08.2009 * Staad.pro training in CADD Center. Chennai. * MS Project Planning Training in CADD Center. Chennai.   **Professional Bodies Membership**   * Lifetime membership in ICI (Indian concrete institute) * Associate member of American Society of Civil Engineering (ASCE) till December 2017 * International Association for Engineers * International society for environmental information sciences life member * The Indian society for technical education life member * Life member of an institution of engineer’s IEI (AMI) * International Management Research and technology consortium, USA (IMRTC). * Associate member in Institute for Engineering Research and Publication (IFERP) * International Association of Online Engineering (IAOE) Member ID: 10940 * Life member in the Institute of scholars   **Awards and Honor’s**   * Research Excellence award 2020 by Institute of scholars * International young scientist award 2020-2021by International Institute of organized Research (I2OR) * Excellence in research award march 2021 by the member of Hypedge media and I can foundation.   **Book Published**   * [D. S. Vijayan, S. Arvindan, A. Paulmakesh](https://notionpress.com/author/375714) , “Construction Materials and Techniques”, 2021, Notion Press. * D.S.Vijayan, A.Mohan, D.Parthiban, “Building Foundational Engineering” 2021, Notion Press.   **Patent in IPR**  ***Grand***   * International patent Grand in the title “Manufacturing of Green Concrete by Partial Replacement of Ferrock Powder as an Alternative to Conventional Cement” in the year 2021, Application No: 2020104412 (Australian Grand) * International patent Grand in the title “Quasi-Static Load Performance Testing Method Of Encased Concrete-Filled Steel Tubular With Steel Loops Joints” in the year 2021, Application No: 2021100664 (Australian Grand)   ***Published***   * Published in the title “Durability Response of High-Performance Concrete with Metakaolin and Rice Husk Ash” in the year 2020, Application No: 202041026847 * Published in the title “Burnt Ash from Hazardous Prosopis Juliflora Plant as a Pozzolanic Replacement Material in Cement” in the year 2020, Application No: 202041026629 * Published in the title “New Composition and Making of Bricks from Plant-Fibres and Waste Byproducts” in the year 2020 Application No: 202041034656 A * Published in the title “Utilization of Burr Wastes as Micro-Reinforcements in Concrete to Overcome Disposal of Hazardous Materials in Global Environment” in the year 2021 Application No: 202141006550A   **Abroad Visits**   * Went to Singapore to learn the latest technological concepts in technology at new wall systems (p) ltd Singapore (March 2010) * Went to China to learn marketing constructing materials & new technologies in constructions (May 2011) * Went to Malaysia & Singapore to get the details of timber wood manufacture of doors, wall paneling, etc. (July 2012) * Went to Hongkong & China for treading building materials for construction industries (Sep 2012)   Web of Science Group, a Clarivate Analytics company - 2019 Charleston  Library Conference **Journal Publications \ Web of Science (SCI)**    Web of science indexing   * **D.S. Vijayan**, D. Parthiban,” Effect of Solid waste based stabilizing material for strengthening of Expansive soil- A review,” Environmental Technology & Innovation, Volume 20, 2020, 101108, ISSN 2352-1864, <https://doi.org/10.1016/j.eti.2020.101108> (Impact Factor: 5.26). * **D. S. Vijayan**, A. Leema Rose, S. Arvindan, J. Revathy, C. Amuthadevi, “Automation systems in smart buildings: a review”, Journal of Ambient Intelligence and Humanized Computing <https://doi.org/10.1007/s12652-020-02666-9> (Impact Factor: 7.126) * R. Goplalakrishnan, A. Mohan, L. Ponrajsankar, **D. S. Vijayan**, “Characterisation On Toughness Property of Self- Compacting Fibre Reinforced Concrete”, Journal of Environmental Protection and Ecology 21, No 6, 2153–2163 (2020). (Impact Factor: 0.567) * C. Amuthadevi, **D. S. Vijayan**, Varatharajan  Ramachandran, “Development of air quality monitoring (AQM) models using different machine learning approaches”, Journal of Ambient Intelligence and Humanized Computing, <https://doi.org/10.1007/s12652-020-02724-2> (Impact Factor: 7.126) * **D.S. Vijayan**, A. Mohan, J. Revathy, D. Parthiban , R. Varatharajan, “Evaluation of the impact of thermal performance on various building bricks and blocks: A review”, Environmental Technology & Innovation 23 (2021) 101577, <https://doi.org/10.1016/j.eti.2021.101577>. (Impact Factor: 5.26). * Arvindan Sivasuriyan, **D.S. Vijayan**, Wojciech Górski, Magdalena Daria Vaverková, Eugeniusz Koda, “Practical Implementation of Structural Health Monitoring in Multi-Story Buildings”, Buildings 2021, 11, 263. <https://doi.org/10.3390/buildings11060263>. (Impact Factor: 2.648) * A. Sivasuriyan, **D.S.Vijayan** et al., “Development of Smart Sensing Technology Approaches in Structural Health Monitoring of Bridge Structures,” Adv. Mater. Sci. Eng., vol. 2021, pp. 1–14, 2021, doi: 10.1155/2021/2615029. (Impact Factor: 1.763) * **D. S. Vijayan**, A. Mohan, J. J. Daniel, V. Gokulnath, B. Saravanan, and P. D. Kumar, “Experimental Investigation on the Ecofriendly External Wrapping of Glass Fiber Reinforced Polymer in Concrete Columns,” vol. 2021, 2021. (Impact Factor: 1.763) * S. M. S. S, **D. S. Vijayan**, M. Anand, M. Ajona, and T. Jarin, “ Biodegradation of P-nitro phenol using a novel bacterium Achromobacter denitrifacians isolated from industrial effluent water ,” Water Sci. Technol., vol. 00, no. 0, pp. 1–12, 2021, doi: 10.2166/wst.2021.354. (Impact Factor: 1.941) * Arvindan Sivasuriyan, **Dhanasingh Sivalinga Vijayan,** Ravindiran Munusami, Parthiban Devarajan, “Health assessment of dams under various environmental conditions using structural health monitoring techniques: a state-of-art review”, Environmental Science and Pollution Research, <https://doi.org/10.1007/s11356-021-16749-3> * **Dhanasingh Sivalinga Vijayan**, Arvindan Sivasuriyan, Parthiban Patchamuthu, Revathy jayaseelan, “Thermal performance of energy‑eicient buildings for sustainable development”, Environmental Science and Pollution Research, <https://doi.org/10.1007/s11356-021-17602-3> * Devarajan Parthiban, **Dhanasingh Sivalinga Vijayan**, Eugeniusz Koda et al “Role of industrial based precursors in the stabilization of weak soils with geopolymer – A review”, Case Studies in Construction Materials 16 (2022) e00886, <https://doi.org/10.1016/j.cscm.2022.e00886> * Arvindan Sivasuriyan and **Dhanasingh Sivalinga Vijayan**, “Performance of RC beams utilizing various sensors under fundamental static loading”, Int J Syst Assur Eng Manag, <https://doi.org/10.1007/s13198-022-01640-2> * Enhanced Thermal Characteristics Of Cuo Embedded Lauric Acid Phase Change Material, Thermal Science 2022 Volume 26, Issue 2 Part B, Pages: 1615-1621https://doi.org/10.2298/TSCI210930019L * D. S. Vijayan et.al. “Treatment of Pharma Effluent using Anaerobic Packed Bed Reactor”, Journal of Environmental and Public HealtVo lume 2022, Article ID 4657628, 6 pages https://doi.org/10.1155/2022/4657628   **Scopus indexing**   * **D.S.Vijayan**, K.Naveen Kumar, S.Aravindan, Analytical Study on Industrial Steel Building with Bracing, International Journal Of Scientific & Technology Research VOLUME 8, ISSUE 10, OCTOBER 2019, Page no 1275 – 1278. * D. Parthiban and **D. S. Vijayan**, Study on Stress-Strain effect of reinforced Metakaolin based GPC under compression, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2019.10.162> * **D. S. Vijayan**, Dineshkumar, S. Arvindan et al., Evaluation of ferrock: A greener substitute to cement, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2019.10.147> * **D.S.Vijayan**, S.Arvindan, K.Naveen Kumar, S Mohamed Javed, Seismic Performance of Flat Slab in Tall Buildings with and without a Shear wall, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019, Page no – 2672 – 2675. * S.Aravindan, **D.S.Vijayan**, K.Naveen Kumar, B.Saravanan, Characteristic Study of Concrete by Replacing Glass Cullet and Ceramic Tiles over Conventional Aggregates, International Journal Of Scientific & Technology Research, VOLUME 8, ISSUE 10, OCTOBER 2019, Page no – 1802 – 1805. * **D.S.Vijayan**, J.Revathy, Experimental Investigation On The Static Performance Of Gfrp Strengthened Prestressedprestressed Concrete Beams, International Journal of Pharmacy & Technology, IJPT, Dec-2016, Vol. 8, Issue No.4, 21776-21781. * **D S Vijayan**, Dr. J Revathy, Flexural Behavior of Reinforced and Pre-stressed Concrete Beam Using Finite Element Method, International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 10, Number 1 (2015) pp. 717-736 * **D.S.Vijayan**, J. Revathy, Flexural Response of Fibre Reinforced Polymer Laminated Pre-stressed Concrete Beams, Indian Journal of Science and Technology, Vol 9(42), DOI: 10.17485/ijst/2016/v9i42/101824 , November 2016. * V. L. Shruthi, M. Kalpana and **D. S. Vijayan**, An experimental study on mechanical properties of bitumen added with industrial waste steel stag, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.03.032> * V. L. Shruthi, M. Kalpana and **D. S. Vijayan**, An overview of an experimental investigation on mechanical properties of bitumen added with industrial waste – Steel stag, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.03.261> * C. Nivetha, **D. S. Vijayan**, R. Ravishanker et al., Use of Pennywort for nitrogen and phosphate removal from sewage, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.05.215> * D. Parthiban, **D. S. Vijayan**, R. Sanjay Kumar et al., Performance evaluation of Fly ash based GPC with partial replacement of RHA as a cementitious material, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.05.244> * B. Saravanan and **D. S. Vijayan**, Status review on the experimental investigation on replacement of red-mud in cementitious concrete, MaterialsToday:Proceedings, <https://doi.org/10.1016/j.matpr.2020.05.500> * V. Gokulnath, **D. S. Vijayan**, P. Kathirvel, et al., Behaviour of retrofitted beams using natural fibers, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.06.505> * M. Kalpana, C. Vaidevi, **D. S. Vijayan** et al., Benefits of Metakaolin over microsilica in developing high-performance concrete, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.06.566> * M. Kalpana, **D. S. Vijayan**, and S. R. Benin, Performance study about ductility behavior in electronic waste concrete, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.07.049> * R. Abirami, **D.S. Vijayan**, Sijo Joseph John, Aldrin Albert, and Alfred Koshy Alex, Experimental Study on Concrete Properties Using Pineapple Leaf Fiber, International Journal of Advanced Research in Engineering and Technology, 11(6), 2020, pp. 913-920, DOI: 10.34218/IJARET.11.6.2020.082 * **D.S.Vijayan**, C. Nivetha, P. Dinesh Kumar, B. Saravanan, V. Gogulnath, “Green Composite Form of Eco – Friendly Concrete by Adding PVA Fiber,” Journal of Green Engineering (JGE), Volume-10, Issue-6, June 2020. * V.S. Sethuraman, L.K. Rex, **D.S.Vijayan**, A.P. Aroumugame, A.Vallavan, “Study on Utilization of Burr Wastes as Micro-Reinforcements in Concrete to Overcome Disposal of Hazardous Materials in Environment,” Journal of Green Engineering (JGE), Volume-10, Issue-8, August 2020, Page No: 4353–4364. * [C. Vaidevi](https://aip.scitation.org/author/Vaidevi%2C+C), [D. Sahana](https://aip.scitation.org/author/Sahana%2C+D), [E. Sripriya](https://aip.scitation.org/author/Sripriya%2C+E), [T. Tamilselvi](https://aip.scitation.org/author/Tamilselvi%2C+T), and [**D. S. Vijayan**](https://aip.scitation.org/author/Vijayan%2C+D+S), [Utilization of e-waste in the flexible pavement,](https://aip.scitation.org/doi/10.1063/5.0024752)AIP Conference Proceedings 2271, 030001 (2020); <https://doi.org/10.1063/5.0024752> * [D. Parthiban](https://aip.scitation.org/author/Parthiban%2C+D), [**D. S. Vijayan**](https://aip.scitation.org/author/Vijayan%2C+D+S), [J. Kausik](https://aip.scitation.org/author/Kausik%2C+J), [A. Anisur Rahman](https://aip.scitation.org/author/Rahman%2C+A+Anisur), and [K. Veerachandru](https://aip.scitation.org/author/Veerachandru%2C+K), [“Performance study on clayey soil stabilized by lime and geopolymer with partial replacement of sodium bentonite as an additive,”](https://aip.scitation.org/doi/10.1063/5.0025073)AIP Conference Proceedings 2271, 030003 (2020); <https://doi.org/10.1063/5.0025073> * [**D. S. Vijayan**](https://aip.scitation.org/author/Vijayan%2C+D+S), [S. Arvindan](https://aip.scitation.org/author/Arvindan%2C+S), [C. Nivetha](https://aip.scitation.org/author/Nivetha%2C+C), [P. Saran Raj](https://aip.scitation.org/author/Raj%2C+P+Saran), [S. Purushothman](https://aip.scitation.org/author/Purushothman%2C+S) and [T. S. Uthaman](https://aip.scitation.org/author/Uthaman%2C+T+S)[, Experimental study on characteristics strength and deformation of a rock mass,](https://aip.scitation.org/doi/10.1063/5.0024739)AIP Conference Proceedings 2271, 030004 (2020); <https://doi.org/10.1063/5.0024739> * [P. Subathra](https://aip.scitation.org/author/Subathra%2C+P), [**D.S.Vijayan**](https://aip.scitation.org/author/Vijayan%2C+D+S), [R. Abirami](https://aip.scitation.org/author/Abirami%2C+R), [Mebankitbok Kharsati](https://aip.scitation.org/author/Kharsati%2C+Mebankitbok), [Geeliberds Soshang](https://aip.scitation.org/author/Soshang%2C+Geeliberds), and [Devrat Kumar Das](https://aip.scitation.org/author/Das%2C+Devrat+Kumar), [Experimental investigation on concrete with marble dust and steel fiber,](https://aip.scitation.org/doi/10.1063/5.0024779)AIP Conference Proceedings 2271, 030016 (2020); <https://doi.org/10.1063/5.0024779> * [R. Sanjay Kumar](https://aip.scitation.org/author/Kumar%2C+R+Sanjay), [**D.S.Vijayan**](https://aip.scitation.org/author/Vijayan%2C+D+S), [P. A. Mubarak Manzoor](https://aip.scitation.org/author/Manzoor%2C+P+A+Mubarak), [N. Subinjith](https://aip.scitation.org/author/Subinjith%2C+N) and [Stagain Santhosh](https://aip.scitation.org/author/Santhosh%2C+Stagain), [Effect of silica fume on the strength of glass fiber incorporated concrete,](https://aip.scitation.org/doi/10.1063/5.0024775)AIP Conference Proceedings 2271, 030020 (2020) ;  <https://doi.org/10.1063/5.0024775> * **D.S.Vijayan**, A. Leema Rose, P.Dinesh Kumar, V.Gokulnath, D Parthiban, “Sustainable Efficiency of Hypo Sludge in Concrete,” International Journal of Emerging Trends in Engineering Research, Emerging Trends in Engineering 2020,  <https://doi.org/10.30534/ijeter/2020/94892020> * S. Suhas , M.J. Silvister Raju , **D.S. Vijayan** , “Natural ﬁbre reinforcement experimental study in polymer composite”, Materials Today: Proceedings, , <https://doi.org/10.1016/j.matpr.2020.12.051> * **D S Vijayan** , S.Arvindan , D.Parthiban, B.Saravanan, M kalpana, “Natural aggregates used for Light weight concrete – A Review”, IOP Conf. Series: Materials Science and Engineering, 993 (2020) 012042, doi:10.1088/1757-899X/993/1/012042 * A. Leema Rose, D. Elango, **D.S. Vijayan** et al., Reliability analysis of corroded beams with FRP laminates, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.09.410> * M. Tholkapiyan, A.Mohan, **Vijayan.D.S** , “A survey of recent studieson chlorophyll variation in Indian coastal waters”, IOP Conf. Series: Materials Science and Engineering 993 (2020) 012041, doi:10.1088/1757-899X/993/1/012041. * D. S. Vijayan and J. J. Daniel, “An investigation on the torsional effect of symmetric moment resisting frame system subjected to eccentric reinforced concrete lift wall - A finite element approach,” Int. J. Eng. Trends Technol., vol. 69, no. 8, pp. 179–184, 2021, doi: 10.14445/22315381/IJETT-V69I8P222   **UGC Care List Journal**   * Paper presented in International journal of concurrent applied research in engineering & management in the title of “Static and fatigue response of GFRP wrapped high strength RCC beam” ( ISSN(P); 2395-2474 ISSN(O): 2395-7425 volume 1, Issue 1, May 2015 ) * **D. S. Vijayan** and J. Revathy, Multiple Regression Model for the Prediction of Flexural Behaviour of FRP Plated Pre-stressed Concrete Beams, Asian Journal of Applied Sciences (ISSN: 2321 – 0893), Volume 04 – Issue 06, December 2016, Asian Online Journals (www.ajouronline.com). * **D.S. Vijayan**, J. Revathy, Experimental Investigation on the Static Performance of GFRP Strengthened Prestressed Concrete Beams World Applied Sciences Journal 34 (10): 1366-1369, 2016, ISSN 1818-4952, DOI: 10.5829/idosi.wasj.2016.1366.1369. * Paper presented in International Journal of Applied Engineering Research in the title of “Behaviour and development of steel with concrete by pull out test” (ISBN; 978-93-5107-243-0, Elsevier publication, May 2014) * Paper presented in International Journal of Advances in management, technology & engineering sciences in the title of “Experimental studies on bond between fiber reinforced polymer and concrete” (ISSN; 2249-7455 vol. II, Issue 9 (III), June 2013)   **Book chapter Published**  **Scopus Indexed**   * C. Vaidevi , D. S. Vijayan , C. Nivetha , and M. Kalpana, “COVID-19 Future Proof Infrastructure”, Resilient Infrastructure, Lecture Notes in Civil Engineering, Volume 202, Issue 2022 , <https://doi.org/10.1007/978-981-16-6978-1_9> * P. Gajalakshmi , J. Revathy , S. Anusha, and D. S. Vijayan, “Behaviour of Doubly Symmetric Built-Up Cold-Formed Steel Beams”, Resilient Infrastructure, Lecture Notes in Civil Engineering, Volume 202, Issue 2022, <https://doi.org/10.1007/978-981-16-6978-1_18> * J. Revathy , P. Gajalakshmi , D. S. Vijayan , and M. Rajalakshmi, “Self-Flowable Rich Cementitious Matrices for Ferrocement Jacketed Beam-Column Joint”, Resilient Infrastructure, Lecture Notes in Civil Engineering, Volume 202, Issue 2022 <https://doi.org/10.1007/978-981-16-6978-1_32> * S. Arvindan and D. S. Vijayan, “Safeguard and Preventive Measures of Natural Disasters Using Early Warning Systems—A Comprehensive Review”, A System Engineering Approach to Disaster Resilience, Lecture Notes in Civil Engineering 205, <https://doi.org/10.1007/978-981-16-7397-9_22>   **Non- Scopus Indexed**   * Recent Developments in Engineering Research Vol. 3 [Critical Study on Bond Behaviour of Steel and Concrete with Pull-Out Test] Book Publisher International, Print ISBN: 978-81-947979-4-4, eBook ISBN: 978-93-90206-97-1 3, 5, Page No: 75-86 * Emerging Trends in Engineering Research and Technology [Research on Utilization of Waste Materials in Soil Stabilization] Book Publisher International, ISBN: 978-93-90149-55-1, Vol 3, Page No: 99 – 110   **Workshops attended**       * Participated in a workshop on “Vibration Measurements in Civil Engineering structures” held at College of Engineering, Anna University, Chennai during 26th and 27th September 2008 * I participated in a one-day national workshop on “Sustainable Concrete Pavements practices, Challenges and Direction” held at IIT Madras with ICI (Indian Concrete Institute) on 13th October 2010. * Participated in the one-day workshop on “protective Planning and Design of Structures” held at B.S.A Crescent Engineering College, Vandallore, from 29th April 2010. * Participated in Faculty development held at Bharath University, Selaiyur, Chennai, on 14th October 2011. * Participated in a one-day national workshop on “Aspects of Earthquake Disaster Mitigation and Management” held at B.S.Abdur Rahman Cresent Engineering College with the help Council of Scientific and Industrial research New Delhi from 17th to 19th April 2013. * Participated in a one-day national workshop on “Innovative Concepts for Seismic Response Control of Structures ICSRCS-15” held at B.S. Abdur Rahman Cresent Engineering College with the help Council of Scientific and Industrial Research New Delhi from 11th to 12th February 2014. * I participated in a one-day event, “Challenges in sustainable water management,” held at Karunya University on world water day 2015 on 20th March 2015. * Participated in one-day international symposium on “3D printing of Concrete” held IIT Madras on 8th August 2016. * Participated in two days of NAAC Awareness seminar / Training on QUALITY SYSTEM IN HIGHER EDUCATION held at Anna University on 29th & 30th September 2016. * Participated in a day workshop on “open steel design and graphics” held at Vels institute of science technology on 13th February 2018. * participated in a day workshop on “Research Ethics and Reference Management Tools” held at Vinayaka Mission’s Research Foundation Salem on 26th October 2018. * Participated in internal Quality Assurance Cell (IQAC) on “Effective Implementation of outcome Based Education (OBE)” held AVIT on 24th July 2018.   **Conference organized**   * International conference on “International Conference on Applied research in engineering” held at SLAEC from 21st to 23rd May 2014. * National conference on “Recent Advancements in Civil Engineering - NCRACE’19”, held at AVIT on 15th April 2019 * International Virtual Conference from Civil Engineering Department on “Sustainable Concrete Materials and Technology’s” held at AVIT on 18th & 19th June 2020   **ATAL FDP**   * Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Environmental Geotechnology" from 2021-1-4 to 2021-1-8 at UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY. * Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Smart Cities" from 2020-9-21 to 2020-9-25 at S R Engineering College. * Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "GIS & Remote Sensing" from 2020-10-5 to 2020-10-9 at Siksha 'O' Anusandhan (Deemed to be University). * Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Sustainable Practices in Civil Engineering" from 2021-6-14 to 2021-6-18 at Bangalore University.   **Ph.D. supervision details**  Research supervisor in Aarupadai Veedu Institute of Technology for the civil engineering department guides hip No: VMRF/Ph.D./203/2018.  Guiding 3 research scholar (Fulltime – 1, Part Time - 2)   |  |  |  |  | | --- | --- | --- | --- | | S.No | Name | Title | Status | | 1 | S.Arvind | Assessment of damage in concrete beams using structural health monitoring techniques | Pursing | | 2 | B.Saravanan | “Experimental Investigation of Novel Method For Utilising Red Mud, - And M-Sand In Concrete” | Pursing | | 3 | D.Parthiban | “Experimental Study On Stabilization Performance Of Expansive Soil Using  Amalgamated Waste” | Pursing |   **Reviewer**   * Journal of building Engineering (Elsevier) * Materials today proceeding’s (Elsevier) * Environmental Technology & Innovation (Elsevier) * Institute of research scholar journal * Journal of Intelligent and fuzzy system(Springer) * Arabian journal of Geosciences (Springer) * Building (MDPI) * Sensor (MDPI) * Energy Focus (Elsevier) * Measurement and Control (Sage) * Intelligent Buildings International (Taylor and Francis) * Advances in Structural Engineering (Sage) * International Journal of Communication Systems (Wiley) * Innovative Infrastructure Solutions (Springer)   **Editor**   * Guest editor in American institute of physics conference proceeding’s entitled international conference on Mechanical, Electrical and computer Engineering: ICMECE2020 (Scopus indexed) * Editor for book entitled “Innovative Teaching and Learning Process during COVID-19” 1st Edition published by IOR International Press ISBN: 978-93-89631-64-7, ISBN (eBook): 978-93-89631-65-4 * Editor for book entitled “Innovative Teaching and Learning Process during COVID-19” 2nd Edition published by IOR International Press ISBN: 978-93-89631-66-1, ISBN (eBook): 978-93-89631-67-8   **Software Exposure**   * AutoCAD * Arc cad * Staad.Pro * MS Project Planning * Primavera   **Coronavirus (COVID-19) pandemic**   * More than 100 webinars have been attended during a lockdown. * Completed 21 courses in courseware * Published 22 Scopus indexed journals * Reviewed many research articles in Scopus indexed journal. * Editor for two books and conference proceedings * Organized an online international conference in AVIT.   **Extra Activity**   * Discipline committee Member. * Represented staff cricket team in inter-college staff tournaments. * Over all Research Coordinator AVIT. * UBA Village Coordinator AVIT.   **Personal Details**  Date of Birth : 20/02/1985  Father Name : S. Dhana Singh  Marital Status : Married  Nationality : Indian  Passport Number : IND G 9402746  Languages known : English & Tamil  Field of interest : Field work  Design of structures  Teaching  Personal : Creativity  Committed to challenging jobs.  Listening and evaluating new ideas.  Data collection methods.  Can adapt to any given Environment.  Address : Plot no 9/27, Ahilam Garden,  Agharam Then Main road,  Agharam Then, Chennai -600126.  Cell phone number : +91-9176477171  Scopus ID : 57191821070  <https://vsit.click/xgbe3>  Orchid ID : <https://orcid.org/0000-0003-0128-5397>  Google Scholar ID : <https://vsit.click/w2xhi>  E – Mail ID : [vijayan.has.siva@gmail.com](mailto:vijayan.has.siva@gmail.com)  At this moment, I declare that the above-furnished details are accurate to the best of my knowledge.  Yours Truly  F:\EVEN 2020\sign.jpg |
| Educational Clipart | Free Download Clip Art | Free Clip Art | on ... | Education  clipart, Free clip art, Clip art  Academic Experience - Academics  The Rise of Government Funding for New Waste Management Solutions - GreenQ    Career in Industrial Engineering: Courses & Scope | Leverage Edu |  |