

CURRICULUM VITAE

Dr. M. VINOD KUMAR

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OBJECTIVE

To work in an environment, that will continuously upgrade my knowledge and help me in contributing towards the goals of the organization.

EDUCATIONAL QUALIFICATION

COURSE	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	PERCENTAGE / CGPA	CLASS
Ph.D. STRUCTURAL ENGG.	Kalasalingam University	Kalasalingam University	2017	--	HIGHLY COMMENDED
M.B.A PROJECT MGMT.	Alagappa University, Karaikudi.	Alagappa University	2013	66	FIRST
M.E STRUCTURAL ENGG.	Annamalai University, Chidambaram.	Annamalai University	2011	9.28	FIRST WITH DISTINCTION
B.E CIVIL ENGG.	P.S.N.A College of Engg. and Tech. Dindigul.	Anna University	2008	78	FIRST WITH DISTINCTION
XII	Victory Matric Hr. Sec. School, Chinnalapatti.	State Board	2004	78	FIRST
X	Vivekananda Matric Hr. Sec. School, Karur.	Matriculation	2002	75	FIRST

WORK EXPERIENCE

- From April 2018 to Till Date working as an Associate professor in Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.
- From June 2012 to March 2018 working as an Assistant professor in PSNA college of Engineering and Technology, Dindigul.
- From June 2011 to June 2012 working as an Assistant professor / Department coordinator in RVS school of Engineering and Technology, Dindigul.
- From November 2008 to April 2009, working as an Design Engineer in Jhamuna Tower Tech (Madras) Pvt., Ltd, Chennai.
- From June 2008 to October 2008, worked as a Project Associate in Indian Institute of Technology Madras (IITM), Chennai.

JOB PROFILE

- *Associate Professor in Vel Tech*
 - Handled various Engineering Subjects and Laboratories to the students using various teaching aids.
 - Supervising Projects for U.G and (Structural Engg.) students.
 - In-charge for Computer Aided Design and Drafting Laboratory I and II.
 - Prepared NBA, NAAC and AICTE committee works for institute.
 - Supervisor for Two Ph.D. Research Scholars (Part-Time).
 - Department Academic Co-ordinator.
 - Structural Engineering Division Faculty Co-ordinator.
 - Internal Doctoral Committee member for Research Scholars.
 - Department Mentor Co-ordinator.
 - Department U.G and P.G (Structural Engg.) Project Co-ordinator.
- *Assistant Professor in PSNA CET*
 - Handled various Engineering subjects and Laboratories to the students using various teaching aids.
 - Appointed as a Placement Coordinator, Alumni in charge for Civil Department.
 - Prepared NBA, NAAC, AICTE and Anna University related committee works for college.
 - Supervising Projects for U.G and (Structural Engg.) students.

- ***Assistant Professor / Department coordinator in RVS SOET***
 - Appointed as a Department Coordinator and Budget head, prepared annual budget for Civil Department.
 - Handled various engineering subjects and laboratories to the students using various teaching aids.
 - Established Strength of Materials, Soil Mechanics, Environmental Engineering, Concrete and Highway Engineering & Hydraulics Engineering Laboratory in RVS SOET.
 - Prepared AICTE and Anna University related committee works for college.

- ***Design Engineer in Jhamuna Tower Tech***
 - Design of steel latticed Telecommunication towers carrying GSM and MW antennae using various National and International codes.
 - Design of Ground based and Roof Top tower foundations.
 - Exposure to various National / International Standards related to load calculation, Design Viz: IS 800, IS 802, IS 806, IS 456, IS 875, AISC-ASD, ANSI/TIA-222-F, ANSI/TIA-222-G and some other Indian codes etc.,

- ***Project Associate in IITM***
 Worked as a Project Associate (Site Engineer in Residential Apartment) in Indian Institute of Technology Madras (IITM), Chennai.

POINTS FOR SELF

- Excellent Written, Communication and Presentation Skills.
- Good Team Player.
- Sincere and Hard Worker with a High Level of Integrity.

AREA OF INTEREST

- Design of RC Structures
- Design of Steel Structures
- Construction Engineering
- Prefabricated Structures
- Repair and Rehabilitation of Structures

SUBJECTS TAUGHT

- Mechanics of Solids
- Strength of Materials
- Structural Analysis I
- Structural Analysis II
- Applied Hydraulic Engineering
- Construction Techniques Equipment and Practices
- Concrete Technology
- Construction Materials
- Design of Reinforced Concrete Elements
- Design of Steel Structures
- Design of Reinforced Concrete and Brick Masonry Structures
- Repair and Rehabilitation of Structures
- Industrial Structures
- Prefabricated Structures
- Structural Engineering Laboratory
- Strength of Materials Laboratory
- Concrete Technology Laboratory
- Computer Aided Design and Drafting Laboratory

SOFTWARE SKILLS

- Auto CAD
- STAAD Pro
- MS Office Project
- ANSYS

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Life member in Indian Society for Technical Education (ISTE), New Delhi, India. Membership No. LM 82821.
- Member in International Association of Engineers (IAENG), Hong Kong. Membership No. 215304.
- Member in International Association of Hydrological Sciences (IAHS), United Kingdom. Membership No. 17379.

PROJECTS GUIDED

Under Graduate Projects

- Analysis and design of steel microwave tower for a lateral wind force.
- Design of base isolated earthquake resistant RC building.
- Design of earthquake resistant building by using base isolation concept.
- Experimental study on effects of partial replacement of fine aggregate with eco sand in concrete.
- Strength studies of cellular foam concrete.
- Design of bus terminal.
- Experimental studies on low density concrete incorporating steel fibre.
- Experimental studies on steel fibre reinforced self compacting concrete.

Post Graduate Projects

- Experimental studies on hybrid fibre reinforced concrete beams.
- Experimental studies on hybrid fibre reinforced concrete beams using externally bonded FRP laminate.
- Durability performance of hybrid fibre reinforced concrete.
- Experimental and analytical investigation on shear behaviour of HFRC beams retrofitted with GFRP laminate.
- Experimental studies on axially loaded fibre reinforced circular column retrofitted using GFRP sheets.
- Experimental investigations on steel fibre reinforced concrete slabs with partial replacement of coarse aggregate.
- Experimental behaviour of masonry infilled RC portal frames retrofitted with GFRP sheets under lateral loading condition.
- Analytical studies on shear behaviour of glass fibre reinforced concrete beam strengthened with externally bonded GFRP laminates.
- Shear behaviour of GFRP strengthened recycled aggregate concrete beams with spiral transverse reinforcement.
- Analytical studies on HFRC beams retrofitted with FRP using FEA.
- Experimental studies on fibre integrated LWC frames under lateral force.
- Performance of light weight concrete frames composed of hybrid fibres with rectangular spiral reinforcement under lateral loading.

PUBLICATIONS

INTERNATIONAL / NATIONAL JOURNALS

1. Stephen Jebamalai Raj J, **Vinod Kumar M**, "Static and Fatigue Response of High Strength Fibre Reinforced Concrete Beam with FRP Laminates", International Journal of Engineering Research & Technology (IJERT), Vol. 2, Issue 4, April 2013, PP. No. 604-609.
2. **Vinod Kumar M**, Muthukannan M, M Stephen Jebamalai Raj J, "A Study on Static and Fatigue Analysis for Understanding the Response of High Strength Concrete Beam", Journal of progress in civil Engineering (JPCE), Vol. 1, No.2, Jul – Dec 2013, PP. No. 19-33.
3. **M.Vinod Kumar**, M.Muthukannan, "Review on CFRP or GFRP Composites used for Strengthening of Reinforced Concrete Beams", International Journal of Research in Engineering and Advanced Technology (IJREAT), Vol. 2, Issue 2, Apr-May, 2014, PP. No. 1-6.
4. Y.M.Siddhramaiah, C.Jaideep, **M.Vinod Kumar**, "Effect of Sulphuric Acid on High Performance Mortar", International Journal of Research in Engineering & Advanced Technology (IJREAT), Vol. 2, Issue 2, Apr-May, 2014. PP. No. 1-6.
5. **M.Vinod Kumar**, M.Muthukannan, "Experimental Investigation on Flexural and Shear behaviour of Reinforced Concrete Beams Containing Hybrid Steel – Polypropylene fibres and Hybrid Glass - Polypropylene fibres", International Journal of Earth Sciences and Engineering (IJEE), Vol. 7, No.5, October 2014, PP. No. 947-952. **(Scopus Indexed)**
6. **M.Vinod Kumar**, M.Muthukannan, M.Sabarinath, "Finite Element Analysis on Shear enhancement of HFRC Beams Retrofitted with GFRP Laminate", International Journal of Applied Engineering Research (IJAER), Vol. 10, No.38, 2015, PP. No. 28070-28074. **(Scopus Indexed)**
7. **M.Vinod Kumar**, M.Muthukannan, C.Suganya, "Permeation Properties of Hybrid Fibre Reinforced Concrete", International Journal of Applied Engineering Research (IJAER), Vol. 10, No.38, 2015, PP. No. 28099-28102. **(Scopus Indexed)**
8. Y M Siddharamaiah, **M Vinod Kumar**, C Jaideep, "Hybrid Fibres for Enhancing Concrete Toughness and Impact Resistance", International Journal of Earth Sciences and Engineering (IJEE), Vol. 9, No.1, February 2016, PP. No. 102-105. **(Scopus Indexed)**
9. E Rani, **M Vinod Kumar**, "Static and Fatigue Response of HSC Beams", International Journal of Earth Sciences and Engineering (IJEE), Vol. 9, No.1, February 2016, PP. No. 116-120. **(Scopus Indexed)**

10. Bharathi.N, **Vinod Kumar.M**, Muthukannan.M, “Experimental Studies on Axially Loaded Fiber Reinforced Circular Column”, International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Vol. 1, No.2, 2016, PP. No. 39-45.
11. Nikeshram.M, **Vinod Kumar.M**, Muthukannan.M “Experimental Investigation on Steel Fibre Reinforced Concrete Slab with Partial Replacement of Coarse Aggregate”, International Journal of Scientific Research (IJSR), Vol. 5, No.6, June 2016, PP. No. 569-572.
12. **M.Vinod Kumar**, M.Muthukannan, “Structural behaviour of HFRC beams retrofitted for shear using GFRP laminates”, Computers and Concrete, An International Journal, Vol. 19, No.1, January 2017, PP. No. 79-85. **(Scopus Indexed, Science Citation Index Expanded) (Anna University Annexure - I)**
13. Karuppiah Prabaharan K, **Vinod Kumar M**, “Analytical Investigation on Shear Behaviour of Glass Fibre Reinforced Concrete Beams Strengthened with Externally Bonded GFRP Laminates”, SSRG International Journal of Civil Engineering (ICEHS), April 2017, PP. No. 95-99.
14. Prateekumar M, **Vinod Kumar M**, “Experimental Investigation on Partially Replaced Recycled Aggregate with Spiral Transverse Reinforced Concrete Beams Retrofitted using GFRP”, SSRG International Journal of Civil Engineering (ICEHS), May 2017, PP. No. 46-57.
15. **M.Vinod Kumar**, M.Muthukannan, “Investigation of HFRC beams retrofitted using GFRP for enhancement in flexural capacity”, International Journal of Manufacturing Technology and Management, *Accepted for Publication*. **(Scopus Indexed) (Anna University Annexure - I)**
16. Dr. K.R. Aswin Sidhaarth, Dr. J. Jeyanthi, S. Baskar, **Dr. M. Vinod Kumar** “Adsorption of congo red dye using cobalt ferrite nanoparticles”, International Journal of Civil Engineering and Technology (IJCIET), Vol. 9, No. 9, September 2018, PP No. 1335-1347. **(Scopus Indexed)**
17. **Dr. M. Vinod Kumar**, Y M Siddharamaiah, C Jaideep “Analytical investigation on hybrid fibre reinforced concrete beam”, International Journal of Civil Engineering and Technology (IJCIET), Vol. 9, No. 10, October 2018, PP No. 500-507. **(Scopus Indexed)**
18. M Muthulakshmi, **M Vinod Kumar**, “Experimental Studies on Fibre Integrated Lightweight Concrete Frames under Lateral Forces: A Review”, Asian Journal of Engineering and Applied Technology (AJEAT), Vol. 7 No. 2018, PP No.88-91.
19. **Vinod Kumar M**, 1Siddharamaiah Y M, Jaideep C, “Structural behaviour of fibre integrated lightweight concrete frames subjected to lateral forces”, Journal of Green Engineering, *Accepted for Publication*. **(Scopus Indexed)**

INTERNATIONAL / NATIONAL CONFERENCES

1. **M.Vinod Kumar**, M.Muthukannan, "Experimental Investigation on Mechanical Properties of Hybrid Fibre Reinforced Concrete", International Conference on Advances in Civil Engineering and Chemistry of Innovative Materials (ACECIM'14), SRM University, Chennai, Tamilnadu, India, March 2014, PP. No. 597-603.
2. B.Sathish Kumar, **M.Vinod Kumar**, M.Muthukannan, "Investigation on Mechanical Properties of Hybrid Fibre Reinforced Concrete - Experimental Studies", National Conference on Sustainable Building materials and Methods (NCSBMM'14), Kamaraj College of Engineering and Technology, Virudhunagar, Tamilnadu, India, March 2014.
3. S.Indhumathi, **M.Vinod Kumar**, M.Muthukannan, "Flexural and Shear Strengthening of Reinforced Concrete Beams Using Fibre Reinforced Polymer Composites: A Review", National Conference on Advancements and Challenges in Civil Engineering (ACCE – 2014), Valliammai Engineering College, Chennai, Tamilnadu, India, April 2014, PP. No. 28-33.
4. B.Sathish kumar, **M.Vinod Kumar**, M.Muthukannan, "Evaluation of Strength Properties for Hybrid Fibre Reinforced Concrete Based on Fibre Volume Fraction", 6th National Conference on Innovations in Civil Engineering (ICE'14), Kumaraguru College of Technology, Coimbatore, Tamilnadu, India, April 2014, PP. No. 164-168.
5. **M.Vinod Kumar**, M.Muthukannan, "Experimental Investigation on Flexural and Shear behaviour of Reinforced Concrete Beams Containing Hybrid Steel – Polypropylene fibres and Hybrid Glass - Polypropylene fibres", International Conference on Ingenious Technologies and Sustainable Developments in Civil Engineering (ICICE 14), Noorul Islam University, Kanyakumari, Tamilnadu, India, October 2014, PP. No. 42-47.
6. **M.Vinod Kumar**, M.Muthukannan, M.Sabarinath, "Experimental Investigation on Shear Enhancement of Hybrid Fibre Reinforced Concrete Beams Retrofitted with GFRP Laminates", International Conference on Advances in Civil Engineering Materials and Processes (ICACEMAP 2015), Coimbatore Institute of Technology, Coimbatore, Tamilnadu, India, January 2015.
7. **M.Vinod Kumar**, M.Muthukannan, "Shear Retrofitting of Hybrid Glass – Polypropylene Fibre Reinforced Concrete Beams Using GFRP Laminates", National Conference on Technological Innovations for Sustainable Infrastructure (TISI 2015), National Institute of Technology (NIT), Calicut, Kerala, India, March 2015, PP. No. 306-310.

8. C.Suganya, **M.Vinod Kumar**, M.Muthukannan, "Impact Resistance and Toughness Characterization of Hybrid Fibre Reinforced Concrete", National Conference on Inventive materials and Techniques in Civil Engineering (IMTC - 2015), Kalasalingam University, Virudhunagar, Tamilnadu, India, March 2015.
9. **M.Vinod Kumar**, M.Muthukannan, M.Sabarinath, "Finite Element Analysis on Shear enhancement of HFRC Beams Retrofitted with GFRP laminate", International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering – 2015 (ACCCAS - 2015), Al – Ameen Engineering College, Erode, Tamilnadu, India, April 2015.
10. **M.Vinod Kumar**, M.Muthukannan, C.Suganya, "Permeation Properties of Hybrid Fibre Reinforced Concrete", International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering – 2015 (ACCCAS - 2015), Al – Ameen Engineering College, Erode, Tamilnadu, India, April 2015.
11. Y M Siddharamaiah, **M Vinod Kumar**, C Jaideep, "Hybrid Fibres for Enhancing Concrete Toughness and Impact Resistance", International Conference on Disaster Management and Mitigation – 2015 (ICDMM - 2015), PSNA College of Engineering and Technology, Dindigul, Tamilnadu, India, August 2015.
12. E Rani, **M Vinod Kumar**, "Static and Fatigue Response of HSC Beams", International Conference on Disaster Management and Mitigation – 2015 (ICDMM - 2015), PSNA College of Engineering and Technology, Dindigul, Tamilnadu, India, August 2015.
13. Uma Maheswari.G, **Vinod Kumar.M**, Muthukannan.M, "Experimental behavior of masonry infilled RC portal frames retrofitted with GFRP sheets under lateral loading condition : Review", National Conference on Innovations in Civil Engineering (ICE'16), Kumaraguru College of Technology, Coimbatore, Tamilnadu, India, 2016, PP. No. 471-476.
14. Bharathi.N, **Vinod Kumar.M**, Muthukannan.M, "Experimental studies on axially loaded fibre reinforced circular column", International Conference on Emerging Trends in Engineering and Technology, Madurai, Tamilnadu, India, May 2016, PP. No. 76-82.
15. Bharathi.N, **Vinod Kumar.M**, Muthukannan.M, "Experimental studies on axially loaded fibre reinforced circular column", National Conference on Contemporary Advancements in Civil Engineering Practices (CACEP 2016), P.S.G College of Technology, Coimbatore, Tamilnadu, India, May 2016, PP. No. 206-211.
16. Karuppiah Prabakaran K, **Vinod Kumar M**, "Analytical Investigation on Shear Behaviour of Glass Fibre Reinforced Concrete Beams Strengthened with

- Externally Bonded GFRP Laminates”, International Conference on Recent Trends in Civil Engineering, Technology and Management (ICRTCETM-2017), P.S.R Engineering College, Sivakasi, Tamilnadu, India, 2017, PP. No. 64-68.
17. Prateepkumar M, **Vinod Kumar M**, “Experimental Investigation on Partially Replaced Recycled Aggregate with Spiral Transverse Reinforced Concrete Beams Retrofitted using GFRP”, International Conference on Engineering Humanities & Science (ICEHS-2017), Tamilnadu College of Engineering, Coimbatore, Tamilnadu, India, 2017, PP. No. 333-344.
 18. A.Lavanya, **Dr. M. Vinod Kumar**, “Analytical Investigation on Hybrid Fibre Reinforced Concrete Beam Retrofitted using FRP”, International Conference on Emerging Trends in Engineering and Technology (ICETET-2018), Pandian Saraswathi Yadav Engg. College, Sivaganga, Tamilnadu, India, March 2018.
 19. M. Muthulakshmi, **M. Vinod Kumar** “Experimental studies on Fibre integrated Lightweight concrete Frames under Lateral forces: A Review”, National Conference on Innovative Practices, Recyclable Materials and Energy Efficient Methods in Civil Engineering (IPRME’18), PSG Institute of Technology and Applied Research, Coimbatore, Tamilnadu, India, March 2018, PP. No. 14-16.
 20. Lavanya A, **Vinod Kumar M**, “Analytical Investigation on Hybrid Fibre Reinforced Concrete Beam”, National Conference on Innovative Practices, Recyclable Materials and Energy Efficient Methods in Civil Engineering (IPRME’18), PSG Institute of Technology and Applied Research, Coimbatore, Tamilnadu, India, March 2018, PP. No. 191-196.
 21. **Vinod Kumar M**, Siddharamaiah Y M, Jaideep C, “Experimental Studies on Lightweight Concrete Frames Contains Steel Fibres”, International Conference on Sustainable Environment and Civil Engineering (ICSECE’19), Easwari Engineering College, (A unit of SRM Group of Educational Institutions) Ramapuram, Chennai, Tamilnadu, India, 2019, PP. No. 563.
 22. **M. Vinod Kumar**, EpsheebaShhelaRani, “Performance of Light Weight Concrete Frame Composed of Hybrid Fibre with Rectangular Spiral Reinforcement under Lateral Load: A Review”, International Conference on Global Environmental Changes and Sustainable Development (ICGECSD’19), Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, India, 2019.

CONFERENCE, WORKSHOP AND SHORT TERM COURSES ATTENDED

- Participated in two days National Seminar on “Advances in Construction Engineering Practice” conducted by Annamalai University, Chidambaram on February 2010.
- Participated in one day Workshop on “Recent advances in concrete materials and steel structures” conducted by RVS CET, Dindigul on February 2012.
- Participated in one week Training Programme on “Instructional Design and Delivery System” conducted by National institute of Technical teachers Training & Research (NITTR) at PSNACET, Dindigul on February - March 2013.
- Participated and presented a paper in the “International Conference on Advances in Civil Engineering and Chemistry of Innovative Materials” (ACECIM’14) organized by SRM University, Chennai on March 2014.
- Participated in one week Faculty Development Training Programme on “Basics of Dynamics and Seismic Design” at University College of Engineering, Dindigul on June 2014.
- Participated in one day National Workshop on “Corrosion Analysis and Testing of Concrete Structures” organized by Dept. of Civil Engg. PSNA CET, Dindigul on September 2014.
- Participated and presented a paper in the “International Conference on Ingenious Technologies and Sustainable Developments in Civil Engineering” (ICICE 2014) held at Noorul Islam University, Kanyakumarai on October 2014.
- Participated in Seminar on “Safety Measures of Civil Engineering Practice” organized by Dindigul Civil Engineers Association (DCEA) at PSNA CET, Dindigul on October 2014.
- Participated in one day National Workshop on “Emerging Trends in Nanotechnology for Civil Engineering Applications” organized by Dept. of Civil Engg. PSNA CET, Dindigul on November 2014.
- Participated in one week Faculty Development Training Programme on “Structural Analysis – II” at PSNA CET, Dindigul on December 2014.
- Participated and presented a paper in the “National Conference on Technological Innovations for Sustainable Infrastructure” (TISI 2015) organized by National Institute of Technology (NIT), Calicut on March 2015.
- Participated and presented a paper in the “International Conference on Advances in Computing, Control, Communication, Automation and Structural Engineering” (ACCCAS-2015) organized by Al-Ammen Engineering College, Erode on April 2015.

- Participated in six days Faculty Development Training Programme on “Recent Innovations in Geo technical Engineering” at Kalasalingam University, Virudhunagar on May 2015.
- Participated and presented a paper in the “International Conference on Disaster Management and Mitigation – 2015” (ICDMM - 2015), PSNA College of Engineering and Technology, Dindigul on August 2015.
- Participated in one day National Seminar on “Rehabilitation of Structures” conducted by Karunya University, Coimbatore on September 2016.
- Participated in one day National Seminar on “Engineering Intervention into Domain of Seismology” conducted by Sri Vidya College of Engineering and Technology, Virudhunagar on September 2016.
- Participated in International Workshop on “Writing and Publishing Research Papers in High Impact Factor Journals” conducted by PSNA College of Engineering and Technology, Dindigul on December 2016.
- Participated and presented a paper in the “International Conference on Engineering Humanities and Science” (ICEHS-2017), Tamilnadu College of Engineering, Coimbatore on May 2017.
- Participated in Seminar on “Intellectual Property Rights (IPR) and Innovation” conducted by Anna University, Chennai at PSNA CET, Dindigul on September 2017.
- Participated in AICTE sponsored two days National Seminar on “Emerging Trends in Steel Structures (ETSS-2017)” conducted by PSNA College of Engineering and Technology, Dindigul on September 2017.
- Participated in three days Faculty Development Training Programme on “Application of ANSYS in Structural Engineering” conducted by Mepco Schlenk Engineering College, Virudhunagar on November 2017.
- Completed the “ANSYS CIVIL certification course” conducted by ARK Info solutions Pvt. Ltd. on November 2017.
- Completed the NPTEL online certificate course (12 weeks course) with Elite category in “Design of Reinforced Concrete Structures” conducted by Indian Institute of Technology Kharagpur on November 2017.
- Participated in two days “Faculty Orientation Programme” conducted by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai on June 2018.
- Participated in one day workshop on “Learning Management System: V-Learn – Group Discussion” conducted by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai on June 2018.

- Participated in workshop on “Non-Destructive Testing – Ultrasonic Technique” conducted by Vel Tech Incubator, Chennai and Supported by DST on September 2018.
- Participated in two days National Seminar on “Research Issues and Application of Remote Sensing” conducted by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai on October 2018.
- Participated in “Global BIM Conference” conducted by CADD Centre in association with Bentley Institute at Chennai on November 2018.
- Participated in one day Workshop on “Defect Free Construction” conducted by Construction Academy, Chennai on November 2018.
- Participated in five days Faculty Development Training Programme on “Repair and Renovation of Structures” conducted by National institute of Technical teachers Training & Research (NITTR), Chennai on November 2018.
- Participated in Faculty Motivation Programme on “Stepping Stones of Success” conducted by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai on January 2019.
- Participated in Faculty Orientation Programme on “How to do Quality Research and Write a proposal for Funded Research” conducted by Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai on February 2019.
- Participated and presented a paper in the “International Conference on Sustainable Environment and Civil Engineering (ICSECE’19), Easwari Engineering College, (A unit of SRM Group of Educational Institutions) Ramapuram, Chennai on March 2019.
- Participated and presented a paper in the “International Conference on Global Environmental Changes and Sustainable Development (ICGECSD’19)”, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai on April 2019.

ACHIEVEMENTS

- Awarded the Prize for **Secured First Rank in the M.E Structural Engineering Degree Examinations at the convocation.**
- Awarded the Prize for Secured Highest Marks in the M.E Structural Engineering Degree Examinations at the convocation.
- Selected and **awarded as an Achiever of the year in the Faculty of Civil Engineering Department at the College Annual day function in RVS SOET, Dindigul, Tamilnadu, India, 2012.**

EVENTS ORGANIZED

- Organized and conducted “Inauguration of Civil Engineering Association – STRUCHMO 11” in RVS School of Engineering and Technology, Dindigul, Tamilnadu, India on September 2011 as Co-ordinator.
- Organized and conducted Two days “International Conference on Disaster Management and Mitigation – 2015” (ICDMM - 2015) in PSNA College of Engineering and Technology, Dindigul, Tamilnadu, India on August 2015 as Co-Convener.
- Organized and conducted Two days “National Seminar on Asphalt Materials Testing and Mix Design – 2018” (AMTD - 2018) in PSNA College of Engineering and Technology, Dindigul, Tamilnadu, India on February 2018 as Co-ordinator.
- Organized and conducted one day “National Seminar on Sustainable Applications of Cold Formed Steel Structures – 2018” (SACFSS - 2018) in Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamilnadu, India on August 2018 as Co-ordinator.
- Organized five days Short Term Course on “Concrete technology and Material Engineering” in Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamilnadu, India on August 2018 as Co-ordinator.
- Organized and conducted one day “National Seminar on Application of FRP Pultruded Profiles in Civil Engineering and Strengthening of RC Structures using FRP” in Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai, Tamilnadu, India on January 2019 as Co-ordinator.

JOURNAL REVIWER AND JOURNAL REVIEWED

- Reviewed a research paper in April 2017 for ‘The Open Civil Engineering Journal’, Entitled “ Design of Reinforced Concrete Beams using Particle Swarm Optimization Technique”, United Arab Emirates with impact factor 0.19. and indexed in Scopus.
- Reviewed a research paper in March 2019 for ‘Computers and Concrete, An International Journal’, Entitled “Modelling the reinforced concrete beams strengthened with GFRP against shearing”, Korea with impact factor 0.849 and indexed in Science Citation Index Expanded (SCIE).
- Review Member for the “IJCRT - International Journal of Creative Research Thoughts”, Member ID: 113722.
- Review Member for the “ASTESJ - Advances in Science, Technology and Engineering Systems Journal”, Member ID: AJR05937.

- Review Committee Member in the International Conference on Global Environmental Changes and Sustainable Development (ICGECSD'19) for Structural Engineering Specialization.
- Board Member for the IJETT - International Journal of Engineering Trends and Technology.

FUNDED PROJECTS (Applied)

- Submitted Research Proposal titled "Development of Innovative and Cost Effective Solution for Construction of Sustainable Concrete Pavement" to Tamil Nadu State Council for Science and Technology (TNSCST) under Science and Technology Project Scheme.
- Submitted Seminar Funding Proposal titled "National Seminar on Sustainable Applications of Cold Formed Steel Structures – 2018" (SACFSS - 2018)" to Tamil Nadu State Council for Science and Technology (TNSCST) under Grant for Partial Financial Assistance for Seminar.

RESEARCH SUPERVISOR & DOCTORAL RESEARCH COMMITTEE MEMBER

- Currently Supervising Two Ph.D. Research Scholars (Part-Time) – Mr. Vishal Shivaji Sherekar (VTDAS190257) and Mr. BOJJA LAKSHMI NIRANJAN REDDY (VTDAS190511) in the Department of Civil Engineering at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.
- Internal Doctoral Research Committee (DRC) member for Research Scholars in the Department of Civil Engineering at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.

PERSONAL DETAILS

Date of Birth	: 14 th March, 1987
Sex	: Male
Nationality	: Indian
Marital Status	: Married
Languages Known	: English, Tamil and Kannada (to Speak)
Passport Number	: Z4307356
Permanent Account Number	: AFXPV4752J
Aadhaar Number	: 7631 3467 2595

Contact Address (**Permanent**) : 7-9-7 Kamala Hospital South Street, Chinnalapatti,
Dindigul District - 624301, Tamil Nadu, India.

(**Communication**) : No: 1B (Last Residence at First Floor),
Kamarajar Street, Nandavanamettur,
Chennai – 600071, Tamil Nadu, India.

REFERENCES

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Professor and Head, Dept. of Civil Engg.,

Kalasalingam University, Krishnan Kovil, Tamil Nadu, India.

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Dr. C. JAYAGURU

Professor, Dept. of Civil Engg.,

PSNA College of Engg. and Tech., Dindigul, Tamil Nadu, India

Email: cjayaguru@psnacet.edu.in cjayaguru@gmail.com

Mobile: +91-9894648584

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DECLARATION

I hereby declare that the above furnished information is true to the best of my knowledge.

(Dr. M.VINOD KUMAR)