

CURRICULUM VITAE

1. Name : **N. PANNIRSELVAM**
2. Father Name : A. Narayanan
3. Date of Birth : 11.07.1976
4. Age & Sex : 47 Years & Male
5. Nationality : Indian
6. Religion & Community : Hindu & O.B.C
7. Category : **Physically Challenged (Orthopedic)**
8. Official Address for Communication : Department of Civil Engineering,
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12. **Educational Qualification** :



<i>Sl. No.</i>	<i>Course</i>	<i>Board/ University</i>	<i>Duration</i>
1	M.Sc Real Estate Valuation	Annamalai University, Annamalai Nagar	2016
2	Ph.D. (Structural Engineering)	Annamalai University, Annamalai Nagar	13.11.2009
3	PGDCA	Pondicherry University, Pondicherry	2003
4	M.Tech (Advanced Construction Technology)	Pondicherry University, Pondicherry	1999-2001
5	B.Tech (Civil Engineering)	Pondicherry University, Pondicherry	1995-1999
6	Higher Secondary	Board of Higher Secondary Examination, Tamilnadu	1995
7	S.S.L.C	Board of Secondary Education, Tamilnadu	1993

13. Project Undertaken

<i>Sl. No.</i>	<i>Course</i>	<i>Title</i>
1	M.Sc Real Estate Valuation	Valuation of an Engineering College
2	Ph.D	Structural Behaviour of Reinforced Concrete Beams with Externally Bonded Fibre Reinforced Polymer Reinforcements
3	PGDCA	A Modern Tool for Stock Management
4	M.Tech	Parametric Study of R.C. Circular Cylindrical Shell Roof Structure
5	B.Tech	Studies on Frictional Losses in Circular Pipes

14. Professional Membership

<i>Sl. No.</i>	<i>Membership</i>	<i>Organization</i>
1	Life Membership (F-125520-3)	Institution of Engineers (IE)
2	Life Membership (LM 49916)	The Indian Society for Technical Education (ISTE)
3	Life Membership (LM 116)	Institution of Structural Engineers (ISE)
4	Life Membership (LM 9737)	Indian Concrete Institute (ICI)
5	Life Membership (LM 125055)	International Association of Engineers (IAENG)
6	Life Membership (F 3140901155)	International Society for Research and Development (ISRDR)
7	Life Membership (IJLES-201835)	International Journal of Latest Engineering Science (IJLES)
8	Life Membership (InSc20200045)	Institute of Scholars
9	Life Membership (5302-L)	Association of Consulting Civil Engineers (ACCE)

15. Career Details

<i>Sl. No.</i>	<i>Designation</i>	<i>Organization</i>	<i>Duration of work</i>
1	Associate Professor	SRMIST, Kattankulathur, Chennai	18.07.2018 to Till date
2	Professor & Head	Krishnasamy College of Engineering and Technology, Cuddalore	28.12.2011 to 16.07.2018

3	Associate Professor	VIT University, Vellore	13.11.2009 to 26.12.2011
4	Assistant Professor (Senior)	VIT University, Vellore	01.01.2009 to 12.11.2009
5	Senior Lecturer	VIT University, Vellore	03.06.2008 to 31.12.2008
6	Lecturer	Christ College of Engineering and Technology, Puducherry	13.09.2007 to 31.05.2008
7	Lecturer	Mailam Engineering College, Mailam	14.06.2006 to 12.09.2007
8	Senior Design Engineer	Atlanta, Puducherry	12.12.2001 to 13.06.2006

16. Courses Taught

Environmental Science & Engineering, Principles of Environmental Science & Engineering, Basic Engineering, Engineering Mechanics, Strength of Materials, Structural Analysis, Concrete Technology, Construction Materials and Technology, Design of steel structures, Design of Reinforced Concrete and Brick Masonry Structures, Soil Mechanics, Earthquake Engineering, Foundation Engineering, Basic Dynamics and Seismic Design, Structural Dynamics Earthquake Engineering, Highway Engineering, Construction Management - **B.Tech.**

Reinforced Concrete Structures, Advanced Concrete Structures– **B.Arch.**

Earthquake Engineering, Limit State Design of Steel Structures, Experimental Techniques and Instrumentation, Construction Equipment and Automation, Construction Materials and Concrete Design – **M.Tech.**

Large Span Structures for Architectural Applications – **M.Arch.**

17. Laboratory Handled

Engineering Practices (Civil), Fluid & Hydraulic Machineries, Strength of Materials, Soil Mechanics, Concrete & Highway Engineering Lab and Structural Engineering Laboratory.

18. Awards

- Received **Life Time Achievement** on the occasion of Global Iconic Education Award, Saveetha School of Management, Chennai, 29-30 July 2022.
- Received **Second prize** in Virtual International Conference on Smart Waste Management for the research topic entitled Behaviour of concrete using treated recycled aggregate in acid environment, 11-12 October 2021, organized by Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur.
- Received **Research Excellence Award 2020**, Institute of Scholars.

- d. Received **Adarsh Vidya Saraswati Rashtriya Puraskar Award**, National Award of Excellence 2020, Glacier Journal Research Foundation, Ahmedabad, 05 January 2020.
- e. Received **Life Time Achievement** on the occasion of International Conference and Academic Excellence Award on Recent Innovation and Interdisciplinary Research, SNDT Women's University, Churchgate Campus, Mumbai, 07 December 2019.
- f. Received Indo-Thai Academic Award for **Distinguished Professor**, KU Home, Kasetsart University, Chatuchak, Bangkok, Thailand, 14 November 2019.
- g. Received **Gold medal** for the best presentation of the paper entitled Development of Mortar using Vermiculite in the Research Day held on 28 February 2019 at SRM-IST.
- h. Received **Student Project** of the year 2016-17 from the Institute for Exploring Advances in Engineering.
- i. Benchmark result produced in **Repair and Rehabilitation of Structures** for VIII semester students of B.E. – Civil Engineering in April/May 2016 Anna University Examinations.
- j. Benchmark result produced in **Basics Dynamics and Aseismic Design** for VII semester students of B.E. – Civil Engineering in November/December 2015 Anna University Examinations.
- k. Merit Certificate for the best result produced in **Principles of Environmental Science & Engineering** in Anna University Examination during December 2006.
- l. **Rajiv Gandhi Vidya Gold Award** for outstanding achievements in chosen field of activity, Indian Solidarity Council, New Delhi, 2012.

19. Appreciation

- a) Certificate of participating in Virtual Quiz Competition Tech Intellect 2020, Parul Institute of Engineering and Technology, Faculty of Civil Engineering, Parul University in association with Technical Event Cell, Vadodara.
- b) Certificate of participating in the executive thought leadership session on COVID-19 Impact on Higher Education, Event was hosted by UNITIEUP in partnership with global engineering dean council, 17th July, 2020.
- c) Certificate of appreciation for National Level Quiz on Geopolymer Concrete, Department of Civil Engineering, SRM Institute of Science & Technology, Faculty of Engineering & Technology, Ramapuram, Chennai, 06 – 09 July, 2020.
- d) Certificate of appreciation for One Day Advances in Non-Destructive Testing Methods, VIT University, 21st October, 2011.
- e) Certificate of appreciation for publishing in refereed research journal(s), VIT University, 26th January, 2010.
- f) Certificate of appreciation for One Day Workshop on Health Monitoring of RCC Structures, VIT University, 22nd January, 2010.

20. Academic Contributions

- i. Assisted in Drafting and Designing various construction activities in the Department of Structural Engineering, Annamalai University, Annamalainagar.

- ii. Delivered a guest lecture for the practicing engineers, Chidambaram Town Engineer's Association, Chidambaram and Srikali.
- iii. Laboratory-in-charge for Strength of Materials laboratory at Mailam Engineering College, Mailam.
- iv. Responsible for the Fabrication and Erection of Fluid and Hydraulic Laboratory in Christ College of Engineering and Technology, Puducherry.
- v. Laboratory-in-charge for Structural Engineering laboratory at VIT University, Vellore.
- vi. Contributed significantly during the visit of National Board of Accreditation.
- vii. Contributed significantly in ABET.
- viii. Organized a guest lecture on Construction Methods for Earthquake Safe Buildings.
- ix. Design and erection of Loading Frame with capacity of 50t for testing beams and columns in structural engineering laboratory at VIT University, Vellore.
- x. Upgraded Structural Engineering Laboratory in VIT University.
- xi. Consultant for Consulting Works for testing of cement, bricks, fly ash brick, hollow block, tiles, fine aggregate and cubes. Mix design as per the requirements of client.
- xii. Guided **SIX** number of **M. Tech Dissertation** projects.
- xiii. Guided **THIRTY FIVE** numbers of **B. Tech** projects and **FIFTEEN** numbers of mini projects.
- xiv. Presently guiding **SEVEN** number of **Ph.D** students and **TWO** completed
- xv. Co-guide in Annamalai University for **Ph.D** student.
- xvi. Question paper setter for various Universities like Anna University, Annamalai University, Bharath University, Paavai Engineering College, Pondicherry University, Karpakkam University, JNTU, IFET, Sri Manakula Vinayagar Engineering College and SRMIST.
- xvii. Evaluator for Anna University, Pondicherry University, Annamalai University and SRMIST.
- xvii. Responsible for the development of Survey laboratory in KCET, Cuddalore.
- xviii. Responsible for the successful planning in Green Kalam project on 07.06.2012.
- xix. Coordinator for MISTE in KCET, Cuddalore.
- xx. Coordinator for Two Days Staff Orientation Programme on 13th & 14th July 2012, KCET, Cuddalore.
- xxi. Upgraded the strength of materials and hydraulic lab in KCET, Cuddalore.
- xxii. Responsible for the inauguration of Society of Civil Engineers in KCET, Cuddalore.
- xxiii. Installed new laboratories such as Soil mechanics, Concrete & Highway Engineering & Environmental.
- xxiv. Responsible for developing Civil Engineering Department from initial and successfully completion of Four Batch in Krishnasamy College of Engineering & Technology, Cuddalore.
- xxv. Responsible for the civil consultancy works carried out in KCET.

21. Publications:

a. National Conference/Seminar

1. **Pannirselvam et.al.**, (2023), Retrofitting and Rehabilitation of Masonry Structures Using FRP Composites, Proceedings of the National Conference on Recent Advances in Construction Materials and Structures, 2nd & 3rd February, PSG College of Technology, Coimbatore.
2. **Pannirselvam et.al.**, (2023), Utilization of Hibiscus Vitifolius Fibers with Multiple Layers for Strengthening of Reinforced Concrete Beams, Proceedings of the National Conference on Recent Advances in Construction Materials and Structures, 2nd & 3rd February, PSG College of Technology, Coimbatore.
3. **Pannirselvam et.al.**, (2023), Finite Element Analysis of Reinforced Concrete Beams Strengthened with Hybrid Fiber Reinforced Polymer Systems Using ANSYS, Proceedings of the National Conference on Recent Advances in Construction Materials and Structures, 2nd & 3rd February, PSG College of Technology, Coimbatore.
4. **Pannirselvam et.al.**, (2022), Retrofitting and Rehabilitation of Concrete and Masonry Structures using FRP Composites, National Conference on Materials and Sustainability in Civil Engineering (MSCE-2022), 1-2, July, 2022, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur
5. **Pannirselvam et.al.**, (2022), Numerical Studies on RC Beams Strengthened with an Externally Bonded Aramid FRP Sheets, National Conference on Materials and Sustainability in Civil Engineering (MSCE-2022), 1-2, July, 2022, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur
6. **Pannirselvam et.al.**, (2022), Evaluation of Pin-Bearing Strength for the Design of Bolted, National Conference on Materials and Sustainability in Civil Engineering (MSCE-2022), 1-2, July, 2022, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur
7. **Pannirselvam et.al.**, (2022), Analytical Evaluation of Three-Dimensional Pultruded GFRP Semi Rigid Frame with Bracings and Mechanical Insert, National Conference on Materials and Sustainability in Civil Engineering (MSCE-2022), 1-2, July, 2022, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur
8. **Pannirselvam et.al.**, (2022), Comparative Study on the Performance of RC Frame Multistorey with Three Different FRP Reinforcement, National Conference on Materials and Sustainability in Civil Engineering (MSCE-2022), 1-2, July, 2022, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur
9. **Pannirselvam et.al.**, (2011), Strengthening of RC Beam-Column Joints under Seismic Loadings, Proceedings of the National Conference on Advances in Earthquake Resistant Design and Construction Techniques, 20 & 21st April, Adhiparasakthi Engineering College, Melmaruvathur, pp. 151-161.
10. **Pannirselvam et.al.**, (2011), Evaluation of Chloride Ion Permeability on Chipped and Crumb Rubber Concrete, Proceedings of the National Conference on Advances in Earthquake Resistant Design and Construction Techniques, 20.04.2011 & 21.04.2011, Adhiparasakthi Engineering College, Melmaruvathur, pp. 140-150.

11. **Pannirselvam et.al.**, (2011), Strengthening Structural Deficient RC Beams with Externally Bonded Glass Fibre Reinforced Polymer Reinforcement, Proceedings of the National Conference on Advances in Materials and Structures 3-4 Feb. pp. 127-131.
12. **Pannirselvam et.al.**, (2009), Experimental Investigations on FRP Strengthened RC Beams for Ductility Performance, Proceeding National Conference on Recent Advancements in Civil Engineering, 28.04.2009 & 29.04.2009, Sengunthar Engineering College, Tiruchengode, pp. 215-227.
13. **Pannirselvam et.al.**, (2009), Structural Behaviour of High Strength Concrete Beam with Fibres, Proceeding National Conference on Recent Advancements in Civil Engineering, 28.04.2009 & 29.04.2009, Sengunthar Engineering College, Tiruchengode, pp. 205-214.
14. **Pannirselvam et.al.**, (2009), Experimental Investigations on Concrete Beam with Hybrid Fibre Reinforced Concrete, Proceeding National Conference on Recent Advancements in Civil Engineering, 28.04.2009 & 29.04.2009, Sengunthar Engineering College, Tiruchengode, pp. 162-172.
15. **Pannirselvam et.al.**, (2009), Ductility Behaviour of Fibre Reinforced Polymer Strengthened Beam, Proceeding National Conference on Innovative Technologies in Civil Engineering, 16.04.2009 & 17.04.2009, Jerusalem College of Engineering, Department of Civil Engineering, Pallikaranai, Chennai, Tamilnadu, pp. 31.
16. **Pannirselvam et.al.**, (2007), Essential of Geotechnical Investigation for Structures: A Case Study for Cottage Restaurant, Proceeding National Conference on Theoretical and Experimental Advances in Civil Engineering, 08.02.2007 & 09.02.2007, SRM University, Department of Civil Engineering, Kattankulathur, Kancheepuram District, Tamilnadu, pp. 241-252.
17. **Pannirselvam et.al.**, (2007), Function of Artificial Neural Network in Civil Engineering Problems, Proceeding National Conference on Theoretical and Experimental Advances in Civil Engineering, 08.02.2007 & 09.02.2007, SRM University, Department of Civil Engineering, Kattankulathur, Kancheepuram District, Tamilnadu., pp. 101-114.
18. **Pannirselvam et.al.**, (2007), Application of Artificial Neural Network in Civil Engineering Problems, Proceeding 94th National congress on Water and Wastewater Management, 03.01.2007 to 07.01.2007, Annamalai University, Annamalainagar, pp. 94-99.
19. **Pannirselvam et.al.**, (2006), A Pilot Study on Assessing the Importance of Diffuse Mine Water Pollution: A Case Study from Neyveli, Proceeding National Conference on Water and Wastewater Management, 24.08.2006, JJ College of Engineering and Technology, Tiruchirappalli, pp. 108-111.
20. **Pannirselvam et.al.**, (2006), Reliability Based Design of RC Columns: Software Implementation, Proceeding National Conference on Advanced Computing Techniques in Civil Engineering, 01.03.2006, St. Peter's Engineering College, Avadi, Chennai, pp. 30-34.
21. **Pannirselvam et.al.**, (2005), Simulating Household Waste Management Behaviour, Proceeding National Seminar on Solid and Hazardous Waste Management Strategies, 22.10.2005, Department of Civil Engineering, Annamalai University, Annamalainagar, pp. S89-S94.
22. **Pannirselvam et.al.**, (2005), Automation Framework for Effective Management of Urban Solid Waste, Proceeding National Seminar on Solid and Hazardous

Waste Management Strategies, 22.10.2005, Department of Civil Engineering Annamalai University, Annamalainagar, pp. S67-S72.

23. **Pannirselvam et.al.**, (2005), GIS based Automobile Pollution Scenario of Chidambaram Town, Proceeding National Conference on Applications of Information and Communication Technology in Urban Infrastructure Planning and Management, 19.03.2005, Jaya Engineering College, Chennai, pp. 137-142.
24. **Pannirselvam et.al.**, (2005), Modeling City Traffic Through Chaos Theory, Proceeding National Conference on Applications of Information and Communication Technology in Urban Infrastructure Planning and Management, 19.03.2005, Jaya Engineering College, Chennai, pp. 75-81.

b. International Conference/Seminar

1. **Pannirselvam et.al.**, (2023), Experimental Investigation on the Properties of Recycled Aggregate Concrete with M-Sand and the Impact of Different Mixing Methods, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
2. **Pannirselvam et.al.**, (2023), Flexural Behaviour of Encased Cold Form Section Beams – A Review Study, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
3. **Pannirselvam et.al.**, (2023), Retrofitting and Rehabilitation of Concrete Structures using FRP Composites, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
4. **Pannirselvam et.al.**, (2023), Structural Behavior of Fiber Reinforced Bagasse Ash Concrete Beam under Cyclic Load, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
5. **Pannirselvam et.al.**, (2023), Enhancing Bitumen Performance through the Incorporation of Waste Plastic and Palm Kernel Activated Carbon, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
6. **Pannirselvam et.al.**, (2023), Experimental Investigation of Shear Behaviour of MSEP Shear Connector, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
7. **Pannirselvam et.al.**, (2023), Performance of Concrete with Treated Recycled Aggregate in Acidic Environment, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
8. **Pannirselvam et.al.**, (2023), Exploratory Study on Concrete Incorporating Palm Oil Fuel Ash under Elevated Temperatures, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.

9. **Pannirselvam et.al.**, (2023), Experimental Investigation of Biomineralized Sand and Bagasse Ash in Brick Manufacturing, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
10. **Pannirselvam et.al.**, (2023), RC Beams Strengthened with Externally Bonded Hybrid FRP Sheets: Experimental Studies, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
11. **Pannirselvam et.al.**, (2023), Temperature Effects on Concrete with Pine Apple Leaf Fibre, Zeolite Powder and Dunite Powder, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
12. **Pannirselvam et.al.**, (2023), Start-Up in Degradation of Pharmaceutical Wastewater using Secondary Sewage Sludge, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
13. **Pannirselvam et.al.**, (2023), Effect of lime water on strength and durability properties of very high-volume flyash concrete, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
14. **Pannirselvam et.al.**, (2023), Investigation of Partial Replacement of Coarse Aggregate in Concrete with Ceramic, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
15. **Pannirselvam et.al.**, (2023), Effect of Strengthening on Performance of RC Beams retrofitted with FRP, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
16. **Pannirselvam et.al.**, (2023), Mechanical Properties of Natural Fibre Reinforced Composites in Structural Members, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
17. **Pannirselvam et.al.**, (2023), Prediction of the Flexure Capacity of FRP Laminate-Strengthened Reinforced Concrete Beams, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
18. **Pannirselvam et.al.**, (2023), Retrofitting and Rehabilitation of Concrete Structures Using FRP Composites, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
19. **Pannirselvam et.al.**, (2023), Strength and Durability Properties of Concrete With Addition of Vermiculite as Internal Curing Agent, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA -

- 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
20. **Pannirselvam et.al.**, (2023), Strength Study on Engineered Cementitious Composites Using Hybrid Fibres, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
 21. **Pannirselvam et.al.**, (2023), Latest Trends in Composite Slabs as an Effective Structural System: State-of-Art-Review, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
 22. **Pannirselvam et.al.**, (2023), Load-Bearing Masonry FE Numerical Analysis Approach, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
 23. **Pannirselvam et.al.**, (2023), Performance of Concrete by the Addition of Bio-cement on Ultrasonic pulse velocity, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
 24. **Pannirselvam et.al.**, (2023), The Impact of Glass Fibre on Controlled Permeable Formwork Self Compacting Concrete, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
 25. **Pannirselvam et.al.**, (2023), A Review on Banana Fiber Reinforced Concrete, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
 26. **Pannirselvam et.al.**, (2023), Mechanical and Durability Performance of Polypropylene Fiber on High Performance Geo Polymer Concrete, International Conference on Emerging Innovative Technologies in Engineering (ICEITE-22), 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
 27. **Pannirselvam et.al.**, (2022), Experimental Investigation on Magnatized Water Concrete by Partial Replacement of Cement with Silica Fume, International Conference on Smart Material and Structures, 15-16, February, 2022, Department of Civil Engineering, Vasireddy Venkatadri Institute of Technology, Kakinada.
 28. **Pannirselvam et.al.**, (2022), Experimental Investigation on Self-Compacting Concrete with Silica Fume, International Conference on Smart Material and Structures, 15-16, February, 2022, Department of Civil Engineering, Vasireddy Venkatadri Institute of Technology, Kakinada.
 29. **Pannirselvam et.al.**, (2022), Mechanical and Durability Performance of Polypropylene Fiber on High Performance Geo Polymer Concrete, International Conference on Emerging Innovative Technologies in Engineering, 13-15, July, 2022, Department of Civil Engineering, SMVEC, Puducherry.

30. **Pannirselvam et.al.**, (2021), Behavior of Concrete using Treated Recycled Aggregate in Acid Environment, Virtual International Conference on Smart Waste Management - 2021, 11-12, October, 2021, Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur.
31. **Pannirselvam et.al.**, (2021), Strengthening flexural reinforced concrete beams using natural fiber reinforced polymer composite laminates, International Conference on Advances in Construction Materials and Management (ACMM), Organized by the Department of Civil Engineering, SRMIST, 25 & 26 March 2021.
32. **Pannirselvam et.al.**, (2020), Investigational Study on Influence of Fiber Reinforced Polymer Wrapping on Concentrically Loaded Concrete Column, Virtual International Conference on Innovative Solutions and Challenges in Civil Engineering, 20-21 August 2020, Department of Civil Engineering in association with IEI Student's Chapter, Saveetha Engineering College (Autonomous), Chennai.
33. **Pannirselvam et.al.**, (2020), Experimental Investigation of Recycled Coarse Aggregates on Partial Replacement of Cement with Silica Fume, Virtual International Conference on Innovative Solutions and Challenges in Civil Engineering, 20-21 August 2020, Department of Civil Engineering in association with IEI Student's Chapter, Saveetha Engineering College (Autonomous), Chennai.
34. **Pannirselvam et.al.**, (2020), Influence of Addition of Glass Fibre on Concrete, Virtual International Conference on Innovative Solutions and Challenges in Civil Engineering, 20-21 August 2020, Department of Civil Engineering in association with IEI Student's Chapter, Saveetha Engineering College (Autonomous), Chennai.
35. **Pannirselvam et.al.**, (2020), Behaviour of a New Type of Shear Connector for Steel-Concrete Composite Construction, 4th International Conference on Recent Advances in Material Chemistry, 19-21 February 2020, SRM Institute of Science and Technology, Kattankulathur, Chennai in association with Alternative Energies and Atomic Energy Commission, France, pp. 91.
36. **Pannirselvam et.al.**, (2020), A Review on the Mechanical Properties of Natural Fibre Reinforced Composites, 4th International Conference on Recent Advances in Material Chemistry, 19-21 February 2020, SRM Institute of Science and Technology, Kattankulathur, Chennai in association with Alternative Energies and Atomic Energy Commission, France, pp. 98.
37. **Pannirselvam et.al.**, (2020), Retrofitting and Rehabilitation of Concrete and Masonry Structures using FRP Composites: A Review, 4th International Conference on Recent Advances in Material Chemistry, 19-21 February 2020, SRM Institute of Science and Technology, Kattankulathur, Chennai in association with Alternative Energies and Atomic Energy Commission, France, Chennai, pp. 109.
38. **Pannirselvam et.al.**, (2020), Strengthening of Reinforced Concrete Column Using Fiber Reinforced Polymer, 4th International Conference on Recent Advances in Material Chemistry, 19-21 February 2020, SRM Institute of Science and Technology, Kattankulathur, Chennai in association with Alternative Energies and Atomic Energy Commission, France, pp. 229.

39. **Pannirselvam et.al.**, (2018), Experimental Investigation on Special Concrete using Steel Nail, 14th World Conference on Applied Science, Engineering and Technology, Malaysia, November 21-22, pp. 33.
40. **Pannirselvam et.al.**, (2018), Experimental Investigation on Banana Fibre Reinforced Concrete with Conventional Concrete, 14th World Conference on Applied Science, Engineering and Technology, Malaysia, November 21-22, pp. 33.
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c. Journals

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11. **Pannirselvam et.al., (2022)**, Employing Desirability Function Analysis for the Multi-Response Optimization of Mild Steel Embossed Plate Shear Connector using Taguchi Technique, *Sustainable Energy Technologies and Assessments*, 54, 102863. DOI: 10.1016/j.seta.2022.102863. (*SCI indexed*)
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31. **Pannirselvam et.al., (2020)**, Flexural Behaviour of Reinforced Concrete Beam Using Basalt Fiber, *International Journal of Mechanical and Production Engineering Research and Development*, 10(3), pp. 16055-16064. (*Scopus indexed*)
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92. **Pannirselvam et.al.**, (2007), Impact of Emissions of CO₂ from Thermal Power Plants on Climate, *Journal of Eco. Env. & Cons.* 13(2): 2007, pp. 425-428. (*Scopus indexed*)
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22. Conferences / Workshop / Seminars / Training / Webinar Programs Participated:

1. Faculty Development Program on Role of Smart Materials and Sensing Technologies in the Construction Sector (RS²C), 19-23 December 2022 organized by VelTech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai.

2. Technical Webinar on Design Thinking Concepts for Project Identification, 25 February, 2022, SRM Innovation Incubation and Entrepreneurship Centre, Kattankulathur.
3. International Conference on Recent Advances in Material Chemistry, 17-19 February 2022, Department of Chemistry, SRM Institute of Science and Technology in association with Alternative Energies and Atomic Energy Commission (CEA) & Universite Gustave Eiffel, France.
4. Webinar on Automation in Construction, 10 April 2021, Department of Civil Engineering, Darshan Institute of Engineering and Technology, Rajkot.
5. Technical Webinar on Design Trends in Concrete, 10 April 2021, UltraTech Cement Ltd.
6. Faculty Development Program on Applied Hydraulic Engineering, 03 April 2021 organized by Dhanalakshmi Srinivasan College of Engineering, Coimbatore.
7. National Web Conference on Challenges and Innovation in Engineering and Technology 2021 in Association with Professional Societies, 19-20 March 2021, Department of Civil Engineering of Ramco Institute of Technology, Rajapalayam.
8. Webinar on Compaction Technology, 18 March 2021, Department of Civil Engineering of Darshan Institute of Engineering and Technology, Rajkot.
9. One Week International Student and Faculty Development Program on Role of Transportation Engineers towards Sustainable Roads and Traffic Safety, 22-27 February 2021, Department of Civil Engineering, Shri Vishnu Engineering College for Women, Andhra Pradesh.
10. Short-Term Training Program on Computer Aides for Chemical Engineers: MATLAB – SIMULINK, 03 - 05 February 2021 organized in association with MathWorks and Department of Chemical Engineering, SRM Institute of Science and Technology, Chennai.
11. Faculty Development Program on Recent Avenues in Civil Engineering, 02 - 06 February 2021 organized by Department of Civil Engineering, Sri Jayachamarajendra College of Engineering, Mysuru.
12. Six Day Virtual FDP on Water Resources Engineering, 17 - 23 December 2020 organized by Department of Civil Engineering and Internal Quality Assurance Cell, Karpaga Vinayaga College of Engineering and Technology, Chengalpattu.
13. One Week STTP on Computational Intelligence in Earthquake Resistant Design, 30 November - 5 December 2020 organized by Department of Civil Engineering, Prof. Ram Meghe College of Engineering & Management, Badnera, Amravati, Maharashtra.
14. Technical Webinar on Application of Value Engineering in Foundation Design, 12 December 2020, QCRETE Readymix (India) Pvt. Ltd.
15. Technical Webinar on Fundamentals of Concrete Road for Sustainable Development, 12 December 2020, UltraTech Cement Ltd.
16. E-Workshop on Staad Pro, 18 November 2020, Department of Civil Engineering, Greater Kolkata College of Engineering and Management, JIS Group.
17. Technical Webinar on Advanced Concepts in Materials and Structural Engineering, 16-21 November 2020, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, University Malaysia Sarawak

- Malaysia and Indian Concrete Institute in Association with Consulting Civil Engineers.
18. Webinar on Introduction to Tunnel Construction, 27 October 2020, Department of Civil Engineering, Sri Manakula Vinayagar Engineering College in Association with Indian Concrete Institute, Puducherry Centre.
 19. Technical Webinar on Simplified Methods in Practice for Checking Structural Design with Case Studies, 11 October 2020, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur, University Malaysia Sarawak – Malaysia and Indian Concrete Institute in Association with UltraTech Cement Ltd.
 20. Technical Webinar on Importance of Timely Correspondence in Construction Contracts, 14 September 2020, Civil Engineering Institute of Information Technology.
 21. 6 Days Short Term Training Program on Recent Advances in Pavement Material Testing and Design, 17-22 August 2020, Department of Civil Engineering, Misrimal Navajee Munoth Jain Engineering College, Chennai.
 22. One Week Online STTP AICTE Sponsored on Soft Computing Techniques in Civil Engineering, 17-22 August 2020, Department of Civil Engineering, Shri Vishnu Engineering College for Women, Andhra Pradesh.
 23. Faculty Development Programme on Recent Trends and Innovations in Construction Technologies, 10-14 August 2020, Indian Concrete Institute, UltraTech Cement Ltd., IE (I), Kattankulathur Local Centre and SRM Institute of Science and Technology, Chennai.
 24. One Day National Seminar on The Arithmetic of Earthquake Engineering, 31 July 2020, Civil Engineering Department, Government College of Engineering, Kalhandi, Bhawanipatna.
 25. Technical Webinar Series-III on Benefits of 4D Planning and Project Monitoring using Asta Power Project, 31 July 2020, Department of Civil Engineering of Ramco Institute of Technology, Rajapalayam in association with Infinity PMC Solutions Pvt. Ltd., Chennai.
 26. Technical Webinar Series-III on Digital Estimation and Latest Techniques in Construction Projects using 5D BIM & CostX, 30 July 2020, Department of Civil Engineering of Ramco Institute of Technology, Rajapalayam in association with Infinity PMC Solutions Pvt. Ltd., Chennai.
 27. Technical Webinar Series-III on Project Management in Construction Industry using Primavera, 29 July 2020, Department of Civil Engineering of Ramco Institute of Technology, Rajapalayam in association with Infinity PMC Solutions Pvt. Ltd., Chennai.
 28. Five Days Faculty Development Programme on Emerging Trends in Civil Engineering, 25-29 July 2020, Department of Civil Engineering, GATES Institute of Technology, Andhra Pradesh.
 29. Webinar on A Case Study on Alternative Construction Technologies, 29 July 2020, Department of Civil Engineering, Engineering Council of India, New Delhi.
 30. Webinar on Full Agenda of the DST & ACS Virtual Workshop, 28 July 2020, Department of Science & Technology and ACS.
 31. The DST & ACS Virtual Workshop, Mastering the Publishing Process, 28 July 2020, Department of Science & Technology and ACS.

32. National Level One Week Virtual FDP on Advances in Civil Engineering, 20-27 July 2020, Department of Civil Engineering, Rajalakshmi Engineering College, Chennai.
33. Webinar on Advances in FRP Composites in Civil Engineering, 27 July 2020, Department of Civil Engineering, Rajalakshmi Engineering College, Chennai.
34. One Week Online Short Term Training Program AICTE Sponsored on Soft Computing Techniques in Civil Engineering: Water Resources, Structures & Transportation Applications, 20-25 July 2020, Department of Civil Engineering, Shri Vishnu Engineering College for Women, Andhra Pradesh.
35. Webinar on Misconceptions and Facts about Readymix Concrete, 25 July 2020, Indian Concrete Institute – Bangalore Centre.
36. Webinar on Characterization of Heritage Materials for Restoration, 25 July 2020, Department of Civil Engineering, Rajalakshmi Engineering College, Chennai.
37. Webinar on Construction Challenges of & on Expressways in Middle East – A Case Study of Oman & Kuwait, 25 July 2020, Department of Civil Engineering, Mahatma Gandhi Institute of Technology, Hyderabad.
38. National Webinar on Journey of Durable Rigid Pavement, 24 July 2020, UltraTech Cement Ltd., ICI.
39. Webinar on Holistic Approach to Develop an Effective and Safe Transportation for Future India, 24 July 2020, Department of Civil Engineering, Rajalakshmi Engineering College, Chennai.
40. Webinar on High Performance Concrete in Infrastructure Projects, 24 July 2020, Department of Civil Engineering, Mahatma Gandhi Institute of Technology, Hyderabad.
41. Webinar on Clean Water:- The First Medicine for Life, 24 July 2020, Department of Civil Engineering and Engineering Council of India, New Delhi.
42. Three Day International Faculty Development Program on Smart Solutions in Civil Engineering, 21-23 July 2020, Department of Civil Engineering, SRM Institute of Science & Technology, Ramapuram, Chennai.
43. National Webinar Series on Collaborative Contract Methodology (Alliance Approach) – Way Forward, 23 July 2020, The Ramco Cements Limited in association with SRM Institute of Science & Technology.
44. Webinar on Constructional Challenges of Large Diameter Pile Foundations in India & Bangladesh, 23 July 2020, Department of Civil Engineering, Mahatma Gandhi Institute of Technology, Hyderabad.
45. Webinar on Dams Overview and Physical Modelling of Hydraulic Structures, 23 July 2020, Department of Civil Engineering, Rajalakshmi Engineering College, Chennai.
46. Webinar on Deep Excavations in Urban Environment – Challenges & Solutions, 22 July 2020, Department of Civil Engineering, Mahatma Gandhi Institute of Technology, Hyderabad.
47. Webinar on Smart Transportation System, 22 July 2020, Department of Civil Engineering, Rajalakshmi Engineering College, Chennai.
48. Two Day Webinar on Structural and Geotechnical Advances in Civil Engineering, 20-21 July 2020, Department of Civil Engineering, ATME College of Engineering, Mysuru.

49. Webinar on Marine Infrastructure & Resources – Sustainable Development, 21 July 2020, Department of Civil Engineering, Rajalakshmi Engineering College, Chennai.
50. Webinar on Structural Health Monitoring and Remedial Engineering, 20 July 2020, Department of Civil Engineering, SRM Institute of Science & Technology, Ramapuram, Chennai.
51. Webinar on Copper Slag as Replacement for Fine Aggregate in Concrete, 20 July 2020, Department of Civil Engineering, Rajalakshmi Engineering College, Chennai.
52. Four Day FDP on IRCI-2020 Innovation and Research in Concrete industry, 15-18 July 2020, Yogananda College of Engineering and Technology, Jammu, Jammu and Kashmir in collaboration with UltraTech Cement Ltd.
53. Virtual International Conference on Emerging Research Trends in Structural Engineering, 16-17 July 2020, School of Civil Engineering, Vellore Institute of Technology, Chennai.
54. Faculty Development Programme on Innovation in Civil Engineering and Concrete Technology, 13-17 July 2020, Indian Concrete Institute, UltraTech Cement Ltd., IE (I), Kattankulathur Local Centre and SRM Institute of Science and Technology, Chennai.
55. International Technical Webinar on the Impact of Drones in Construction Industry, 17 July 2020, Department of Civil Engineering, PET Engineering College, Vallioor.
56. Faculty Development Program on Mathematics and its Applications in Science and Technology, 06-16 July 2020, Department of Mathematics, School of Basics Sciences, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulathur,
57. Three days Online Faculty Development Program on Sustainable Water Resource Management, 14-16 July 2020, Department of Civil Engineering & Internal Quality Assurance Cell, Karpaga Vinayaga College of Engineering and Technology, Chinnakolambakkam.
58. Webinar on Application of BIM in residential Buildings, 15 July 2020, Department of Civil Engineering, C. Abdul Hakeem College of Engineering and Technology, Melvisharam.
59. Technical Webinar on Microstructural Analysis on Cement Paste using SEM, 11 July 2020, IE (I), Kattankulathur Local Centre and Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
60. Webinar on Effective use of Concrete in RCC Structures, 11 July 2020, QCRETE Readymix (India) PVT LTD.
61. Webinar on Celebrating Concrete Structures: Possibilities and Challenges, 11 July 2020, Department of Civil Engineering in association with Indian Concrete Institute Students Chapter, Jansons Institute of Technology, Coimbatore.
62. Webinar on Effective use of Concrete for RCC Structures, 11 July 2020, QCRETE Ready Mix (India) Pvt., Ltd.
63. Webinar on Virtual Labs: Effective Tool for Teaching and Learning, 10 July 2020, AICTE & Virtual Lab, Centre for System Design, NITK Surathkal, Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women Nagpur.

64. Webinar Series on Sustainable Materials and Construction Technologies, 06-10 July 2020, Department of Civil Engineering, B.V.Raju Institute of Technology, Narsapur, The Ramco Cements Limited.
65. Two Days Webinar on Project and Cost Management in Civil Engineering, 08 & 09 July 2020, Reach Association, Department of Civil Engineering, St.Xavier's Catholic College of Engineering, Nagercoil in association with Infinity PMC Solutions Pvt. Ltd. Chennai.
66. Three Days National Level Online Faculty Development Programme on Advanced Trends in Civil Engineering, 06-08 July 2020, Department of Civil Engineering, Tagore Engineering College, Chennai.
67. Webinar on Healthy & Resilient Cities in The Face of COVID-19, 08 July 2020, UltraTech Cement.
68. Webinar on The Pain and Remedial Measures of Concrete Structures, 06 July 2020, Department of Civil Engineering, SMK FOMRA Institute of Technology, Chennai.
69. Webinar on Civil Webinar String-1, 03-06 July 2020, Department of Civil Engineering, PERI Institute of Technology, Chennai.
70. Webinar on Essence of Rehabilitation of Structures, 05 July 2020, Department of Civil Engineering, PERI Institute of Technology, Chennai.
71. Technical Webinar on Design and Operational Advancements for Future, 04 July, 2020, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur and Association of Consulting Civil Engineers (India), Chennai Centre and Indian Concrete Institute in Association with UltraTech Cement Ltd.
72. Online Two Week International Short Term Training Program on Advances in Technology and Management for Civil Engineering, 23 June to 03 July, 2020, Department of Civil Engineering, K.D.K. College of Engineering, Nagpur.
73. FDP on Introduction to Finite Element Analysis, 30 June 2020, Department of Civil Engineering, Noorul Islam Centre for Higher Education, Kumaracoil.
74. Webinar on The Basics of Pump, 29 June 2020, Indian Plumbing Association, Easwari Engineering College, Chennai.
75. E- Expert talk on Modelling of Geotechnical Construction Processes on the Centrifuge: a Few Examples, 29 June 2020, Department of Civil Engineering, K.D.K College of Engineering, Nagpur, in association with ASCE, ICI and ACC cement.
76. International Web Conference on Smart Engineering Technologies, 26-27 June 2020, Ramco Institute of Technology, Rajapalayam.
77. Webinar on ASCE Infrastructure Report Card, 25 June 2020, ASCE-ISWR, Mumbai in Association with K.D.K College of Engineering, Nagpur, India as technical partner.
78. Webinar on Analysis of Containers-Loads & Forces, 24 June 2020, Association of Consulting Civil Engineers (India), Goa Centre, The Ramco Cements Limited.
79. Webinar on Turning Potential into Performance, 24 June 2020, Idhaya Engineering College for Women, Chinnasalem.
80. Webinar on Analysis and Design of Liquid Retaining Structures, 22 June 2020, Association of Consulting Civil Engineers (India), Goa Centre, The Ramco Cements Limited.

81. 1st Indo-Japan Webinar Series on Geotechnics for Disaster Mitigation, 8-13 June, 2020, NITK Surathkal and IIT Tirupati.
82. Webinar on Creativity & Design Thinking in Engineering, 13 June, 2020, KLE Dr. M.S. Sheshgiri College of Engineering and Technology, Belagavi.
83. Webinar on 3 Day On-Line Industrial Oriented FDP, 11-13 June, 2020, Department of Civil Engineering, Swarnandhra College of Engineering and Technology, Andhra Pradesh.
84. Web based Workshop on Sustainability in Buildings and Built Environment as per NBC 2016, 12 June 2020, Jointly organized by Bureau of Indian Standards, New Delhi, The Ramco Cements Limited, Association of Structural & Geotechnical Consultants, Kerala.
85. Webinar on Project Management in Construction, 10 June, 2020, Department of Civil Engineering, Association with Infinity PMC Solutions, Pvt. Ltd., School of Infrastructure, B S Abdur Rahman Crescent Institute of Science and Technology, Chennai.
86. E-Expert Talk Series on Vastu Shastra in Modern Civil Engineering, 10 June, 2020, Association with ASCE, ICI, ACC cement, Department of Civil Engineering, K.D.K College of Engineering, Nagpur.
87. Webinar on Sustainable Concrete – The Road Ahead, 09 June, 2020, QCRETE Ready Mix (India) Pvt., Ltd.
88. One Week Virtual FDP on Research Trends in Civil Engineering, from 03.06.2020 to 08.06.2020, Department of Civil Engineering, St.Xavier's Catholic College of Engineering in association with REACH and FACEAT&P, Nagercoil.
89. Technical Webinar on Seismic Response of Retaining Walls, 06 June, 2020, Indian Society of Earthquake Technology, Department of Earthquake Engineering Building, Indian Institute of Technology, Roorkee.
90. Webinar on Biodiversity and Environmental Protection during Pandemic Outbreak of Covid-19, 05 June 2020, International Society of Waste Management Air and Water.
91. National Level Webinar Series on Information Systems during and after Covid-19, 05 June 2020, Jain (Deemed-to-be University), Bangalore.
92. Technical Webinar on Terrace Gardening can be your Lock-down Hobby, 05 June, 2020, World Environment Day 2020, organised by Center for Environmental Nuclear Research, Directorate of Research and Virtual Education, SRM Institute of Science and Technology in association with SRM College of Pharmacy, SRM College of Nursing, SRM School of Public Health and SRM School of Physiotherapy.
93. Technical Webinar on Wash your hands with Soap made In-house, 05 June, 2020, World Environment Day 2020, organised by Center for Environmental Nuclear Research, Directorate of Research and Virtual Education, SRM Institute of Science and Technology in association with SRM College of Pharmacy, SRM College of Nursing, SRM School of Public Health and SRM School of Physiotherapy.
94. Technical Webinar on Blending Yoga with Daily Lifestyle – Energy Inventory and Pranayama, 05 June, 2020, World Environment Day 2020, organised by Center for Environmental Nuclear Research, Directorate of Research and Virtual Education, SRM Institute of Science and Technology in association with SRM College of

Pharmacy, SRM College of Nursing, SRM School of Public Health and SRM School of Physiotherapy.

95. Technical Webinar on Recent Technologies for Environmental Pollution Prevention and Control, 05 June, 2020, Department of Chemical Engineering, SRM Institute of Science and Technology, Chennai.
96. Webinar on Class Room to Construction – A Practical Approach, 05 June 2020, Department of Civil Engineering, PERI Institute of Technology, Chennai.
97. Technical Webinar on Engineering Preparedness for Earthquake Disaster Mitigation, 03 June, 2020, Indian Society of Earthquake Technology, Department of Earthquake Engineering Building, Indian Institute of Technology, Roorkee.
98. Technical Webinar on Seismic Microzonation Studies in India, 30 May, 2020, Indian Society of Earthquake Technology, Department of Earthquake Engineering Building, Indian Institute of Technology, Roorkee.
99. Technical Webinar Series – II on Conflict Minerals – An E-Waste Perspective, 30 May, 2020, Department of Civil Engineering in association with ICI Student Chapter, Institute Industry Interaction Cell and Career Guidance Cell of Ramco Institute of Technology, Rajapalayam.
100. Webinar on Virtual Session on Research & Post Doctoral Fellowship Opportunities in Foreign Universities, 29 May 2020, Research & Development Cell, Sri Sai Ram Engineering College, Chennai.
101. Webinar on Challenges in Concrete Technology, 29 May 2020, Indian Concrete Institute – HQ and Bangalore Centre.
102. Technical Webinar on Sketchup, 29 May, 2020, Department of Civil Engineering, Tagore Engineering College, Chennai.
103. Technical Webinar Series – II on Career Opportunities in Civil Engineering, 28 May, 2020, Department of Civil Engineering in association with ICI Student Chapter, Institute Industry Interaction Cell and Career Guidance Cell of Ramco Institute of Technology, Rajapalayam.
104. National Level Webinar Series on Marketing during Covid – 19, 28 May 2020, Jain (Deemed-to-be University), Bangalore.
105. Technical Webinar Series on Emerging Trends in Building Design, 28 May 2020, Aarupadai Veedu Institute of Technology.
106. Technical Webinar Series on Durability of Reinforced Concrete Structures, 28 May, 2020, Department of Civil Engineering, School of Infrastructure. B.S. Abdur Rahman Crescent Institute of Science and Technology in association with M/s. Hitech Concrete Solutions Chennai Pvt. Ltd, Chennai.
107. Technical Webinar on Application of Bar Bending Schedule in Construction Industry, 28 May 2020, Department of Civil Engineering, Saveetha Engineering College, Chennai.
108. Webinar on Seismic Hazard Assessment, 27 May 2020, Department of Earthquake Engineering, Indian Institute of Technology, Roorkee.
109. Webinar on Application of Durable Concrete, 27 May 2020, Department of Civil Engineering, PERI Institute of Technology, Chennai.
110. Two Days International Seminar on Art of Writing Scientific Articles, Funding Proposal and Patent, 26 and 27 May 2020, Chennai Institute of Technology, Chennai.

111. Webinar on Outcome Based Education, 27 May 2020, Internal Quality Assurance Cell, CK College of Engineering and Technology.
112. Technical Webinar on Research without Border and Faculty Development, 26 May 2020, IE (I), Kattankulathur Local Centre and Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
113. Technical Webinar Series – II on Sustainable Building Materials: Timber and Bamboo, 25 May, 2020, Department of Civil Engineering in association with ICI Student Chapter, Institute Industry Interaction Cell and Career Guidance Cell of Ramco Institute of Technology, Rajapalayam.
114. Technical Webinar on Outcome Based Education and Blooms Taxonomy for Teaching Learning, 23 May, 2020, SRM Institute of Science and Technology, Vadapalani, Chennai.
115. Technical Webinar on Operations and Recruitment in Corporates – Need for Innovative Practices in the Post Covid Scenario, 23 May, 2020, Department of Management Studies in association with Institution’s Innovation Council, Coimbatore Institute of Engineering and Technology, Coimbatore.
116. Technical Webinar on Innovative Concrete Products for the Future Needs of the Building-An Approach Towards Durability Aspect, 23 May, 2020, Department of Civil Engineering, SIR CR Reddy College of Engineering, Andhra Pradesh.
117. Six Days Online Workshop on Contour Crafting – 3D Building Printing Technology from 18.05.2020 to 23.05.2020, Department of Civil Engineering, Eswari Engineering College, Ramapuram, Chennai.
118. Technical Webinar on Challenges in the Construction and Real Estate Industry after Covid – 19, 23 May, 2020, IE (I), Kattankulathur Local Centre and Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
119. Technical Webinar on M-Sand, Need of this Hour, 23 May 2020, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur and Association of Consulting Civil Engineers (India), Chennai Centre in Association with UltraTech Cement.
120. Five Days Webinar on Indian Seismic Codes IS 1893:2016 and IS 13920:2016 from 18.05.2020 to 22.05.2020, Department of Civil Engineering, R.M.K. Engineering College, Kavaraipettai.
121. Technical Webinar on Modern Trends in Construction and Case Studies of Value Engineering in Foundation Design, 22 May, 2020, SRMISTIGS Student Chapter, Department of Civil Engineering, SRM Institute of Science and Technology, IE (I), Kattankulathur Local Centre.
122. Webinar on Competency Targets for Employability – An Industry Perspective (in the wake of COVID 19 attack), 22 May 2020, Indian Concrete Institute-Bangalore Centre.
123. Webinar on Green Building Technology, 21 May 2020, Chennai Institute of Technology, Chennai.
124. Technical Webinar on Reinforcement Detailing for Durable Performance of Concrete, 21 May, 2020, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur and Association of Consulting Civil Engineers (India), Chennai Centre in Association with UltraTech Cement Ltd.

125. Technical Webinar on Opportunities in Artificial Intelligence, 21 May, 2020, Chendu College of Engineering and Technology.
126. Online Workshop on Scientific Writing for Journals, 20 May, 2020, Springer Nature.
127. Technical Webinar on Attributes, Breadth and Career in EIA (ABC in EIA), 20 May, 2020, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore.
128. Technical Webinar on An Overview of Concept on CEPI, 20 May, 2020, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore.
129. Technical Webinar on Environment Challenges and Management Options during COIVD Era, 20 May, 2020, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore.
130. Technical Webinar on Risk Management Practice, 20 May, 2020, IE (I), Kattankulathur Local Centre and Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
131. Technical Webinar on Nano Technology in Water and Waste Water Treatment, 20 May 2020, Indian Water Works Association, Vadodara Centre.
132. Technical Webinar on Design Thinking Webinar, 19 May 2020, SRM Institute of Science and Technology, Chennai.
133. Technical Webinar on Corrosion Mitigation for Reinforced Structures 1.0 PDH, 19 May, 2020, Vector Corrosion Technologies Inc.
134. Technical Webinar on Case Studies on Geotechnical, 18 May, 2020, IE (I), Kattankulathur Local Centre and Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
135. Webinar on Being Employable: Construction Industry Perspective, 18 May 2020, Indian Concrete Institute-Bangalore Centre.
136. Technical Webinar on An Overview of Earthquake Resistant Structures, 18 May 2020, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur and Association of Consulting Civil Engineers (India), Chennai Centre in Association with UltraTech Cement.
137. National workshop webinar on Recent Advances in Geotechnics for Infrastructure on the topic Materials, The Environment and Pile Raft Foundation, 17 May 2020, Ramco Cements Limited.
138. Webinar on Interest and Time Value of Money in Construction, 16 May 2020, Department of Civil Engineering, Indian Concrete Institute-Student Chapter, Civil Engineering Association, East West Institute of Technology, Bengaluru.
139. Webinar on Durability of Concrete, 16 May 2020, Wonder Cement Limited.
140. Webinar on Understanding of Disputes, Mitigation, and Resolution in a Construction Project, 16 May 2020, Indian Concrete Institute-Bangalore Centre.
141. Webinar on Computer Vision Overview, 16 May 2020, Chennai Institute of Technology, Chennai.
142. Webinar on Interest and Time Value of Money in Construction, 16 May 2020, Indian Concrete Institute-Bangalore Centre.

143. Technical Webinar on R.C.C Detailing and Bar Scheduling, 16 May 2020, IE (I), SRM Institute of Science and Technology, Chennai in association with ASCE.
144. Webinar on Internet of Things (IOT) Technologies for SMART CITIES, 15 May 2020, Department of Civil Engineering, SCAD College of Engineering and Technology, Cheranmahadevi.
145. Technical Webinar on Concrete Serving Mankind Series, 15 May 2020, IE (I), Kattankulathur Local Centre and Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
146. National workshop webinar on Recent Advances in Geotechnics for Infrastructure on the Topic Some Challenging Geotechnical Solutions, 14 May 2020, Ramco Cements Limited.
147. Technical Webinar on Cracking Studies of High Performance Concrete Designed for Bridge, 14 May, 2020, IE (I), Kattankulathur Local Centre and Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
148. Webinar on Recent Developments in Remedial Engineering for Concrete Structures, 14 May 2020, Indian Concrete Institute-Bangalore Centre.
149. Technical Webinar on Structural Failure Causes and Research Thought, 12 May, 2020, IE (I), Kattankulathur Local Centre and Department of Civil Engineering, SRM Institute of Science and Technology, Chennai.
150. Technical Webinar on Structural Health Monitoring in the Construction-Introduction and Business Opportunity, 05 May, 2020, Department of Civil Engineering, Dr.T.Thimmaiah Institute of Technology in association with Indian Concrete Institute-Bangalore Centre.
151. Workshop on Precast Concrete Lightweight Large EPS Panels for Mass Housing, 02 March 2020, CSIR-Structural Engineering Research Centre, Chennai.
152. 4th International Conference on Recent Advances in Material Chemistry, 19 – 21 February 2020, SRM Institute of Science and Technology, Kattankulathur, Chennai in association with Alternative Energies and Atomic Energy Commission, France Kattankulathur, Chennai.
153. Author workshop, 6 February 2020, SRM Institute of Science and Technology, Kattankulathur, Chennai.
154. Short Term Training Program on Steel-Concrete Composite Structures, 25 to 30 November 2019, SRM Institute of Science and Technology, Kattankulathur, Chennai.
155. Three days GIS Training by KPR Land Technologies, 26 to 28 September 2019, Guntur Engineering College, Kakinada.
156. Two day workshop on Analysis and Design of Steel Composite Structures using STAAD.Pro V8i, 30 & 31 August 2019, SRM Institute of Science and Technology, Kattankulathur, Chennai.
157. Workshop on Application of Fuzzy Logic, Neural Networks and Algorithms in Various Domains, 22 August 2019, SRM Institute of Science and Technology, Kattankulathur, Chennai.
158. Scientific Writing and Skill Development Workshop, 18 July 2019, SRM Institute of Science and Technology, Kattankulathur, Chennai.

159. Workshop on X-Ray Photoelectron Spectroscopy: Basics to Scientific Research, 24 April 2019, SRM Institute of Science and Technology, Kattankulathur, Chennai.
160. One day workshop on Smart Classrooms: Technology-Aids for Effective Teaching and Learning in collaboration with IIT, Bombay, 22 April 2019, SRM Institute of Science and Technology, Kattankulathur, Chennai.
161. Short Term Course under Quality Improvement Programme on Advances in Materials and Structural Aspects of Tall Building Construction, 11-16 March 2019, Pondicherry Engineering College, Pondicherry.
162. Training Programme on Design of R.C.C Structures for Practising Engineers, 19 January 2019, Le Ce, Puducherry.
163. Faculty Development Program on Design of Reinforced Concrete Structures using RCC Detailing Software, 06 & 07 December 2018, Aarupadai Veedu Institute of Technology, Chennai.
164. Faculty Development Program on Recent Advances in Renewable Energy Technologies for Sustainable Development, 26-30 November 2018, Thermal Division, Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai.
165. AICTE-ISTE Short Term Training Programme on Recent Advances in Industrial Pollution Control, 12-16 November 2018, Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai.
166. One day certificate course on Energy Conservation, 28 September 2018, Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur, Chennai.
167. International Conference on Innovative Trends in Science and Engineering Technologies, 23 September 2018, NRI Institute of Technology, Guntur, Andhra Pradesh.
168. PEER basic workshop to learn about the Concepts on Reliability and Resiliency and Environmental Efficiency, 28 August 2018, GBCI, PEER.
169. Two days Workshop on Paper, Project and Patent Writing, 16-17 August 2018, The Indian Science Congress Association, Chennai Chapter.
170. Two days FDP on Emotional Intelligence, 27 & 28 January 2017, ICT Academy.
171. Faculty Development Programme on Design of Steel Structures, 05, 09-14 December 2016, Krishnasamy College of Engineering and Technology, Cuddalore.
172. Seminar cum Workshop on Advancement in Civil Engineering and Structural Analysis, 09 August 2016, Vector Solutions, Puducherry.
173. Technical Lecture Condition Assessment of Structures and Distress Diagnostic Techniques & Remedial Treatments with Case Studies, 01 March 2016, Indian Concrete Institute, Puducherry Centre, Puducherry.
174. One day technical seminar TECH SEM-2016, 21 February 2016, Pondicherry Civil Engineers Association, Pondicherry.
175. Short Term course on Recent Development in Construction Technology, 23-27 November 2015, Pondicherry Engineering College, Pondicherry.
176. One day Course on Valuation of Properties, 28 July 2015, Institution of Valuers, Puducherry.

177. Two day Faculty Development Program on Creative Thinking, 29-30 June 2015, ICT Academy of Tamilnadu, Krishnasamy College of Engineering and Technology, Cuddalore.
178. International Conference on Advance Research and Innovation in Engineering, Science, Technology and Management, 04 & 05 April 2015, ARS College of Engineering, Chennai.
179. 3rd International Conference on Futuristic Trends in Civil Engineering, 07 & 08 March 2015, Thiruvalluvar Engineering College, Vandavasi.
180. One day National Seminar on Modern Techniques in Building Projects, 07 February 2015, ICI, Puducherry.
181. One Day Seminar on Civil Engineering – The Future, 19 June 2014, Krishnasamy College of Engineering & Tech., Cuddalore.
182. Short Term Training Program titled Recent Advances in the Design and Construction of Sustainable Pavements, 02-07 December 2013, Pondicherry Engineering College, Pondicherry.
183. Two Day Staff Orientation Programme, 02 & 03 July 2013, Krishnasamy College of Engineering and Technology, Cuddalore.
184. Faculty Development Programme on Basics of Dynamics and Aseismic Design, 30 May to 05 June 2013, Centre for Faculty Development, Anna University, Chennai.
185. One Day Seminar on Preparation of Concrete using Waste Material, 23 January 2013, Adhiparasakthi Engineering College, Melmaruvathur.
186. One Day Workshop on Enviro-Struct Advancement Techniques, 05 October 2012, Prist University, Puducherry.
187. Two Day Staff Orientation Programme, 13.07.2012 & 14.07.2012, Krishnasamy College of Engineering and Technology, Cuddalore.
188. One Day National Level Workshop on Applied Mathematics in Engineering Disciplines, 22 March 2012, Krishnasamy College of Engineering and Technology, Cuddalore.
189. Faculty Development Programme on Contaminant Transport Modelling, 09 December 2011, School of Mechanical and Building Sciences, VIT University, Vellore.
190. Two Day International Workshop on Challenges and Innovation in Renewable Energy Production, 24 & 25 November 2011, Center for Excellence in Energy and Environment & International Center for Environment and Energy Research, VIT University, Vellore.
191. Workshop on Advances in Non-Destructive Testing Methods, 21 October 2011, Centre for Disaster Mitigation and Management, VIT University, Vellore.
192. One day Faculty Development Programme on Tender, Loving, Care for the Students (TLC), 10 May 2011, Academic Staff College, VIT University, Vellore.
193. Mission 10X Workshop, 02 to 06 May 2011, Academic Staff College, VIT University, Vellore.
194. Workshop on High Impact Teaching Skills, 02 & 03 May 2011, Dale Carnegie & Associates, Inc. Trainer and Wipro.
195. One day Faculty Development Programme on Teaching Methods in Strength of Materials, 31 March 2011, VIT University, Vellore.

196. Two Day Workshop on Environmental Quality Monitoring and Assessment, 11 & 12 March 2011, VIT University, Vellore.
197. Two Day Workshop on Structural Analysis and Control using Finite Element Method, 28 & 29 January 2011, Design Division of School of Mechanical and Building Sciences, VIT University, Vellore.
198. One Day Workshop on Advances in Environmental and Water Resources Engineering, 22 December 2010, Adhiparasakthi Engineering College, Melmaruvathur.
199. The Seventh Structural Engineering Convention, 08 to 10 December 2010, Annamalai University, Annamalainagar.
200. International Workshop on Geopolymer Cement & Concrete, 07 December 2010, Annamalai University, Annamalainagar.
201. Faculty Development Programme on Fluid Mechanics, 09 & 10 October.10.2010, School of Mechanical and Building Sciences, VIT University, Vellore.
202. Workshop on Advances in Geo-Spatial Technology, 30 September & 01 October 2010, Centre for Disaster Mitigation and Management, VIT University, Vellore.
203. Workshop on Applications of Geomatics in Natural Disaster Management, 07 & 08 April 2010, Centre for Disaster Mitigation and Management, VIT University, Vellore.
204. Two Day Workshop on Recent Trends in Surveying, 02 & 03 April 2010, School of Mechanical and Building Sciences, VIT University, Vellore.
205. Two Day Hands-on Training on Total Station and GPS, 18 & 19 February 2010, School of Mechanical and Building Sciences, VIT University, Vellore.
206. One Day Workshop on Seismic Resistant Design, 28 January 2010, Adhiparasakthi Engineering College, Melmaruvathur.
207. One Day Workshop on Health Monitoring of RCC Structures, 22 January 2010, VIT University, Vellore.
208. One Day Workshop on Dug Well Recharge – Efficiency & Efficacy, 11 February 2010, Centre for Sustainable Rural Development & Research Studies, VIT University, Vellore and Central Ground Water Board, South Eastern Coastal Region, Chennai.
209. Faculty Development Programme on Fluid Mechanics, 01 to 03 July 2009, Academic Staff College, VIT University, Vellore.
210. Faculty Development Programme on MATLAB, 22 to 24 June 2009, School of Mechanical and Building Sciences, VIT University, Vellore.
211. National Conference on Innovative Technologies in Civil Engineering, 16 & 17 April 2009, Jerusalem College of Engineering, Chennai.
212. 3-Days Training Programme on Stress Management (10 sessions: 25 Instructional hours), 31 December 2008 to 01 April 2009 (Wed.2pm to 5 pm), Academic Staff College, VIT University, Vellore.
213. National Seminar on Recent Advances in Cementitious Material, 25 & 26 March 2009, Adhiparasakthi Engineering College, Melmaruvathur.
214. Faculty Development Programme, 09 to 13 February 2009, Academic Staff College, VIT University, Vellore.

215. Workshop on New Provisions in IS 800:2007, 29 to 31 January 2009, College of Engineering, Anna University, Chennai.
216. Faculty Induction Training Programme, 29 to 31 December 2008, Academic Staff College, VIT University, Vellore.
217. Workshop on Structural Steel Design by Limit State Method, 06 to 08 November 2008, St. Peter's University, Avadi, Chennai.
218. Faculty Development Programme on E-Learning, Leadership & Mentoring, 30 & 31 October 2008, Academic Staff College, VIT University, Vellore.
219. Professional Development Programme, 22 to 24 September 2008, Academic Staff College, VIT University, Vellore.
220. Faculty Development Programme on Civil Engineering, 11 to 17 September 2008, Academic Staff College, VIT University, Vellore.
221. Faculty Development Programme on Emotional Intelligence, 09 September 2008, Academic Staff College, VIT University, Vellore.
222. National Conference on Advanced Materials and Characterization, 23 to 25 July 2008, School of Mechanical and Building Sciences, VIT University, Vellore.
223. Faculty Development Programme, 09 to 13 June 2008, Academic Staff College, VIT University, Vellore.
224. National Workshop on Seismic Resistant Design and Construction Practices, 26 & 27 April 2008, Annamalai University, Annamalainagar.
225. One Day International Workshop on Indo/French Technologies for Sustainable Environment, 10 April 2008, Pondicherry Engineering College, Pondicherry.
226. Workshop on Disaster Management, 02 August 2007, Adhiparasakthi Engineering College, Melmaruvathur.
227. One Day Workshop for Civil Engineers on Repair and Rehabilitation of Structures, 27 May 2007, Annamalai University, Annamalainagar.
228. National Workshop on Nanotechnology: Environmental Implications and Solutions, 09 & 10 March 2007, Annamalai University, Annamalainagar.
229. National Conference on Theoretical and Experimental Advances in Civil Engineering, 08 & 09 February 2007, SRM University, Dept. of Civil Engineering, Kattankulathur, Kancheepuram District, Tamilnadu.
230. International Conference on Cleaner Technologies and Environmental Management, 04-06 January 2007, Pondicherry Engineering College, Puducherry.
231. 94th National Science Congress, 03-07 January 2007, Annamalai University, Annamalainagar.
232. National Workshop on Earthquake Resistant Design of Structure and Disaster Mitigation, 04-08 December 2006, Pondicherry Engineering College, Pondicherry.
233. Short Term Training Programme under QIP on Special Concretes, 27 November to 02 December 2006, Indian Institute of Technology Madras, Chennai.
234. 5th Asian Symposium on Polymer in Concrete, 11-12 September 2006, Structural Engineering Research Centre, Taramani, Chennai.
235. National Conference on Water and Wastewater Management, 24-25 August 2006, JJ College of Engineering & Technology, Tiruchirappalli.

236. National Seminar on Renewable Energy - Today and Tomorrow, 19 August 2006, Mailam Engineering College, Mailam.
237. Training Programme on Teaching Methodology, 19-24 June 2006, Mailam Engineering. College, Mailam.
238. National Conference on Advanced Computing Techniques in Civil Engineering, 01 March 2006, St. Peter's Engineering College, Avadi, Chennai.
239. International Conference on Earthquake Engineering, 25 & 26 February 2006, School of Civil Engg., Shanmugha Arts, Science, Technology & Research Acadamy (SASTRA), Thanjavur.
240. Workshop on Successful Career Path for You(th), 18 February 2006, Department of Business Administration, Annamalai University, Annamalainagar.
241. National Conference on IC Engines and Combustion, 21-23 December 2005, Faculty of Engineering and Technology, Annamalai University, Annamalainagar.
242. International Conference on Gender Issues in E-Society, 19 & 20 December 2005, Dept. of Library and Information Science, Annamalai University, Annamalainagar.
243. National Seminar on Solid and Hazardous Waste Management Strategies, 22 November 2005, Annamalai University, Annamalainagar.
244. Workshop on Repair, Rehabilitation and Retrofitting of R.C. Structures, 20 August 2005, Adhiparasakthi Engineering College, Melmaruvathur.
245. National Seminar on Innovative Techniques for Sustainable Development of Water Resources, 24 & 25 March 2005, Annamalai University, Annamalainagar.
246. National Conference on Applications of Information and Communication Technology in Urban Infrastructure Planning and Management, 19 March 2005, Jaya Engineering College, Thiruninravur, Chennai.
247. Advanced Training Programme on Applications of GIS, GPS and Remote sensing in Urban Planning and Management, 15-26 November 2004, Jaya Engineering College, Thiruninravur, Chennai.
248. Technical Paper Presentation Competition, 19 March 1998, Pondicherry Engineering College, Pondicherry.

23. Book

Pannirselvam et.al., (2022), Strength and Surface Quality Properties of SCC made using Controlled Permeable Formwork Liner, Techniques and Innovation in Engineering Research, Vol. 3, Chapter 8, ISBN: 978-93-5547-913-6, eBook ISBN: 978-93-5547-914-3, DOI: 10.9734/bpi/taier/v3/3795E.

24. Reviewer

- a. Structural Concrete, Journal of the fib, Wiley.
- b. Technical Books in Regional Language Scheme of AICTE for 2nd year B.E/B.Tech and Diploma courses.
- c. National Conference on Materials and Sustainability in Civil Engineering
- d. Journal of Institute of Scholars.
- e. International Journals of Engineering and Sciences.
- f. American Concrete Institute Journals.

- g. International Journal of Applied Engineering Research and Development.
- h. International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development.
- i. American Journal of Civil Engineering.
- j. International Journal of Engineering, Research and Technology.
- k. International Journal of Institute for Exploring Advances in Engineering.
- l. International Journal of Engineering Development and Research.
- m. International Journal of Creative Research Thoughts.
- n. Institute for Exploring Advances in Engineering.
- o. Journal of Emerging Technologies and Innovative Research. (114237)
- p. Engineering Technology and Applied Science Research
- q. International Journal of Civil Engineering

25. Editorial Board Member

- a. Journal of Natural fibers.
- b. Innovative Infrastructure Solutions.
- c. Journal of Asian Architecture and Building Engineering.
- d. Journal of Structural Concrete.
- e. Materials Today: Proceedings
- f. Journal of Emerging Trends in Engineering and Applied Sciences.
- g. International Journal for Engineering Science.
- h. International Journal of Civil Engineering Research.
- i. International Journal of Civil Engineering and Applications.
- j. American Journal of Civil Engineering.
- k. International Journal of Scientific Research & Engineering Trends.
- l. Journal of Sustainable Construction Engineering and Project Management.
- m. Journal of Structural Engineering, its Applications and Analysis.
- n. Journal of Water Resource Research and Development.
- o. International Journal of Materials Science and Applications.
- p. Advances in Materials.
- q. International Journal of Current Research.
- r. Glacier Journal of Scientific Research.
- s. International Journal of Latest Engineering Science.

26. Editorial Advisory Board

International Journal of Civil and Structural Engineering (Integrated Publishing Association)

27. Advisory Committee

- a. 2 Day National Conference on Advances in Earthquake Resistant Design and Construction Techniques organized by Department of Civil Engineering, Adhiparasakthi Engineering College, Melmaruvathur.
- b. International Workshop on Advances on Concrete Materials & Exhibition organized by Department of Civil Engineering, Adhiparasakthi Engineering College, Melmaruvathur.
- c. Annual external academic audit for B.Tech/M.Tech program in B.S.Abdur Rahman University, Chennai on 18.07.2012.

28. Doctoral Committee Member

- a. Ms.RazanAlzein, Experimental and Analytical Investigation on Hollow Core Concrete Slabs with Different Profiled Steel Decking under the guidance of Dr.M.Vinod Kumar, VelTech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai.
- b. Mr.Saravanakumar.R.M, Reliability Based Seismic Design of Open Ground Storey Building Coupled with Shear Wall, under the guidance of Dr.S.Samson, VelTech Rangarajan Dr.Sagunthala R&D Institute of Science & Technology, Avadi, Chennai.
- c. Mr.Manoj Kumar.M, Performance Evaluation of Light Weight Concrete with LECA and used Foundry Sand, under the guidance of Dr.N.Gurumoorthy, PSNA College of Engineering and Technology, Dindigul.
- d. Ms.Sindhu.M, under the guidance of Dr.C.Jayaguru, PSNA College of Engineering and Technology, Dindigul.
- e. Mrs. Pushpa.J, under the guidance of Dr.S.Jayakumar, Sri Manukula Vinayagar Engineering College, Puducherry.

29. Coordinator

- a. Two Day Staff Orientation Programme, KCET, Cuddalore.
- b. One week Faculty Development Program approved by Anna University from 05.12.2016, 09.12.2016 to 14.12.2016 on Design of Steel Structures.

30. Co-Convenor

International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.

31. Guest Lecture

- a. Delivered a Key note on **Flexural Behavior of RC Beams Enhanced with a Hybrid FRP System**, MAHSA International Conference on Advances in Life Science and Engineering (Mi-CALSE 2023), 13 & 14, October, 2023, MAHSA University, Bandar Saujana Putra, Selangor, Malaysia.
- b. Delivered a technical lecture on **Strength and Durability Evaluation of Recycled Aggregates concrete**, Six Days Online FDP on Futuristic Trends in Civil Engineering, Department of Civil Engineering, Kongunadu College of Engineering and Technology, 07/04/2022.

- c. Technical Seminar on **Recent Trends in Experimental Techniques and Instrumentation**, Department of Civil Engineering, Sri Manukula Vinayaga Engineering College, 07/04/2022.
- d. FDP on Alternative Building Construction Materials towards Green Environment delivered on the topic Strength and durability evaluation of recycled aggregate concrete on 28/10/2021 (1:45 to 5:00 PM), Government College of Technology, Coimbatore.
- e. One week Short Term Training Programme on Non-Destructive Testing Methods for Civil Engineering Faculty, **Non-Destructive Testing of Concrete**, Thiagarajar Polytechnic College, Salem, India, 14-Sep-2021.
- f. One week Short Term Training Programme on Non-Destructive Testing Methods for Civil Engineering Faculty, **Non-Destructive Testing of Concrete**, Thiagarajar Polytechnic College, Salem, India, 18-Dec-2020.
- g. National Level online conference **Recent Advancements in Civil Engineering**, Coimbatore, India, 08-Jul-2020.
- h. Delivered a Lecture on **Grand Challenges in Earthquake Engineering** as Resource Person in Prist University, Puducherry on 5th October 2012.
- i. Delivered a Lecture on **Role of Civil Engineers** as Resource Person in KCET, Cuddalore, on 27th August 2013.
- j. Delivered a Lecture on **Aseismic design on Earthquake Engineering** as Resource Person in Mailam Engineering College, Mailam on 10th September 2013.
- k. Delivered a Lecture on **Seismic Retrofitting in Structures** as Resource Person in I.F.E.T College of Engineering on 2nd April 2015.
- l. Delivered a Lecture on **Elements of Seismology** as Resource Person for FDP in University College of Engineering, Panruti, 2nd June 2016.
- m. Delivered a Lecture on **Advancement in Concrete** as Resource Person for M/s. Ramco Cements in Cuddalore for Practicing Engineers, 27th December 2016.

32. Webinar Co-ordinator

Webinar on Rapid Design of Structural Elements, 28th February 2023 in Association with Association of Consulting Civil Engineers (INDIA), Puducherry Centre.

33. Chair and Co-Chair

1. **Pannirselvam**, (2023), acted as **Co-Chair** for a technical session of the International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur
2. **Pannirselvam**, (2022), acted as **Co-Chair** for a technical session of the National Conference on Materials and Sustainability in Civil Engineering (MSCE-2022), 1-2, July, 2022, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur
3. **Pannirselvam**, (2016), acted as **Chair** for a Project Presentation-Inter Departmental Information in Computer Applications, KCET, Cuddalore.

34. Best Paper Award

1. **Pannirselvam**, (2023), Structural Behaviour of Fibre Reinforced Bagasse Ash Concrete Beam Under Static Load, MAHSA International Sustainable Infrastructure Technology and Environment 2023 (Mi-SITE23) Conference held on 23rd June 2023 at MAHSA University, Malaysia.
2. **Pannirselvam**, (2023), Prediction of the Flexure Capacity of FRP Laminate Strengthened Reinforced Concrete Beams, International Conference on Civil Engineering Innovative Development in Engineering Advances [ICC IDEA - 2023], 9-11, March, 2023, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
3. **Pannirselvam**, (2022), Retrofitting and Rehabilitation of Concrete and Masonry Structures using FRP Composites, National Conference on Materials and Sustainability in Civil Engineering (MSCE-2022), 1-2, July, 2022, Department of Civil Engineering, SRM Institute of Science and Technology, Kattankulathur.
4. **Pannirselvam**, (2022), Behavior of Concrete using Treated Recycled Aggregate in Acid Environment, Virtual International Conference on Smart Waste Management - 2021, 11-12, October, 2021, Department of Chemical Engineering, SRM Institute of Science and Technology, Kattankulathur.

34. Ph.D Completed: 02

1. **P.Manibalan**, (June, 2021), Experimental and Analytical Investigation on Concrete Beam using Basalt Fiber, Annamalai University, Annamalainagar
2. **S.Rajprasad**, (November, 2021), Structural Behaviour of Concrete using Treated Recycled Aggregate, SRM Institute of Science and Technology, Kattankulathur.

35. Ph.D Ongoing: 07

1. Mr.R.Vijayakumar, Full Time Research Scholar, SRMIST,KTR
2. Mr.S.Manivel, Part Time (Internal) Research Scholar, SRMIST,KTR
3. Mr.D.Murugan, Part Time (External) Research Scholar, SRMIST,KTR
4. Mr.G.Kalyani, Full Time Research Scholar, SRMIST,KTR
5. Mrs.Rashmi, Full Time Research Scholar, SRMIST,KTR
6. Mr.K.Perumal, Full Time Research Scholar, SRMIST,KTR
7. Co-Guide for Ms.Tanya Gayathri, Part Time (External) Research Scholar, Annamalai University, Annamalainagar

36. Grant Received

Received 10,000 for the project titled **Development and Evaluation of Vermiculite Tiles** under Student Project Scheme 2016-17 from TNSCST and second prize in the presentation held in Coimbatore.

37. Patent

A design project on Tear Drop Embossed Plate Shear Connector on 01/02/2022 Design No. 357672-001

38. Countries Visited

Malaysia

DECLARATION

I, Pannirselvam. N, hereby declare that the details furnished above are true to the best of my knowledge and belief.

Place: Chennai

Date : 14.11.2023

(N.PANNIRSELVAM)