CURRICULUM VITAE



Dr.V. Ramasamy

Professor & Dean
Adhiparasakthi Engineering College
Melmaruvathur

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- **30 Years** of experience in Academic and held various administrative positions and responsibilities and 2 Years of experience in Industry
- **5 Research scholars are completed.**
- **6 Research Scholars** are going to complete their Doctoral degrees under my guidance
- Knowledge in **NBA and NAAC** procedure
- Associated with Anna University Academic council for curriculum and syllabus revision **(R-2013 & R-2017)**
- Doctoral committee members for reputed universities
- **Board of Studies Member in Faculty of Civil Engineering, Anna University Chennai for three years (2019-2022).**
- Section Managing committee member **(ISTE–Tamilnadu), Indian Society for Technical Education (ISTE)**
- Executive Council Member**, Indian Concrete Institute**, Chennai Centre

EDUCATIONAL QUALIFICATIONS

Degree	Specialization	Year of Passing	Name of the College	University
B.E	Civil	1989	Govt. College of Engineering, Salem	Madras University
M.E	Structural Engineering	1992	Annamalai University	Annamalai University
Ph. D., (Civil)		2009	Vellore Institute of Technology, Vellore	

WORK EXPERIENCE

Name of the Institution / Industry	Post Held	Period of Service	
		From	To
Adhiparasakthi Engineering College	Dean	04/05/2019	Till Date
Adhiparasakthi Engineering College	Principal	03/06/13	03/05/2019
Adhiparasakthi Engineering College	Professor & Dean	01/5/2010	02/06/2013
Adhiparasakthi Engineering College	Professor & HOD	06/6/2008	30/4/2010
Adhiparasakthi Engineering College	Asst. Professor	01/7/2003	05/6/2008
Adhiparasakthi Engineering College	Senior Lecturer	01/8/1999	30/6/2003
Adhiparasakthi Engineering College	Lecturer	10/6/1994	31/7/1999
Unicorn Construction, Chidambaram	Site Engineer	15/4/1992	10/5/1994

LIST OF PUBLICATIONS

International and National Journals	:	39
International and National Conference	:	57
Text Books	:	18
Print Media	:	14

National And International Journals

1. **V.Ramasamy** and S.Biswas "Performance of Rice Husk Ash Concrete with Super Plasticizers", ICI Journal, Indian Concrete Institute, Vol .9 No. pp 28-32, 2008.

2. **V.Ramasamy** and S.Biswas "Durability of Rice Husk Ask Concrete", ICI Journal, Indian

Concrete Institute, Vol.10, No.3 pp 41-50, 2009.

3. **V.Ramasamy** and S.Biswas, "Mechanical Properties and Durability of Rice Husk Ask Concrete", International Journal of Applied Engineering and Research, Vol.3, No.12. pp 1799-1811., 2008.

4. V.Pandian and **V.Ramasamy**, "Effect of Compaction Techniques on Mechanical Properties of Concrete", International Journal of Civil Engineering Research, Vol.2, No.3, pp 41-50, Dec.2009.

5. **V.Ramasamy** "Compressive Strength and Durability Properties of Rice Husk Ash Concrete", KSCE Journal of Civil Engineering, Vol. 16(1): 2012 pp 93-102.

6. **V.Ramasamy** "Flexural behavior of Rice Husk ash Concrete Beams" ICI Journal, Indian Concrete Institute, Vol .14 No.1.pp 23-27, April –June 2013.

7. C.Selinravikumar,**V.Ramasamy** and T.S.Thandavamoorthy "Developments in Modern Construction Materials" National Journal of Emerging Technologies in Mechanical Engineering Research (ISSN 0976-2558), Vol 4, 2013.

8. T.S.Thandavamoorthy and **V.Ramasamy**, "Experimental Testing of Rice Husk Ash Concrete Beams" Research in Civil and Environmental Engineering", Vol 1, pp 139 -148, Sep 2013.

9. C.selinravikumar, **V.Ramasamy** and T.S.Thandavamoorthy, "Mechanism of Earthquake and Damages of Structures", International Journal of Current Engineering and Technology, Vol. 4, No.2, April 2014.

10. C.Selinravikumar and **V.Ramasamy** "Effect of Fibers in Concrete Composites" International Journal of Applied Engineering Research, ISSSN 0973-4562 Vol. 10, Number 1 pp 419-429, 2015.

11. R.S.muralitharan and **V.Ramasamy** "Basic properties of Pumic Concrete" International Journal of Earth sciences and Engineering ISSN 0974-5904 Vol. 8, No.4 pp 256-263, 2015.

12. D.kamal natraj and **V.Ramasamy** "The approach of Engineers in Enhancing the Safety Culture in Indian Construction Project" International Journal of Applied Engineering Research Vol. 10, No.83, pp 154-161, 2015.

13. **Dr.V.Ramasamy** and S.Venkatraman " A study on Risk Assessment For Implementing Innovative Ideas In Construction Sector", International Journal of pure and applied mathematics / Vol 116/Issue13/ Special issue / 603-6084/Academic publications, 2017

14. R.S.Muralitharan and **V.Ramasamy**, "Development of Light Weight Concrete for Structural Applications", Journal of Structural Engineering, Vol. 44, no. 4,pp 1-5, october - November 2017

15. J.Kumar and Dr. **V.Ramasamy**," Confinement Effect on Strength of Concrete Columns by UsingCold-Formed Steel Tubes", Journal of Structural Engineering, Vol.44,No.5,pp.475-485,December 2017-January2018.

16. **Dr.V.Ramasamy** and D.Kamal Natraj,"A Conceptual Approach to prevent falling Hazard at Construction Site", International Journal of Ecology,Environment and Conservation. Vol 24(1),pp 363-368,2018

17. **Dr.V.Ramasamy** and S.Venkatraman"Study on Performance of Green Building Constructed with Special Materials", International Journal of pure and applied mathematics / Vol 119 special issue / 9019-9033/Academic publications, 2018

18. **Dr.V.Ramasamy** and S.Venkatraman, "Hydration Effect of Gum Arabic and Guar Gum Powder on Strength parameters of Concrete", Caribbean Journal of Science , Vol 53(2),pp 1724 - 1733, May-August 2019.

19. C.Balachandar and **Dr.V.Ramasamy** , "Delay in Construction Projects – A study of Scenario of Pondicherry Region",International Journal of Innovative Science and Research Technology,Vol 4, Issue 5,May 2019.

20. D.Kamalnataraj and **V.Ramasamy**, "The Approach of Engineers In Enhancing The Safety Culture In Indian Construction Project" International Journal of Applied Engineering Research (IJAER), Print ISSN 0973-4562,Volume 10, Number 83 (2015),pp.154-161.

21. D. Kamalnataraj, **V. Ramasamy**, Detecting failures in temporary supporting structures used in construction, Journal of Structural Engineering, Vol. 45, No. 5, December 2018 - January 2019 pp. 467-472. **(Scopus Index)**

22. Goushik, **V. Ramasamy**, Experimental investigation of properties of natural fiber reinforced concrete with partial replacement of seashell as fine aggregate, EPRA International Journal of Research and Development (IJRD), Volume 5, Issue 8, 2020, pp. 290-294.

23. S. Venkatraman, **V. Ramasamy**, Study on strength parameters of plain cement concrete added with tamarind kernel powder, Structural Concrete. Vol 22,no S1,2021,pp.E843-E850 **(Scopus Index)**

24. Pavithra.B, **V. Ramasamy**, Study on Strength and Durability characteristics of Hybrid Fiber Reinforced Self- Compacting Concrete, International Journal of Innovative Research in Technology, vol. 7, no. 1, 2020, pp. 368-372.

25. J.Venkatesh, **V. Ramasamy,** Various Treatment Techniques Involved To Enhance The Recycled Coarse Aggregate In Concrete: A review, Materials Today Proceedings, vol. 45, no. 7, 2021, pp. 6356-6363 **(Scopus Index)**

26. J.Venkatesh, **V. Ramasamy,** augmentation of dissimilar techniques for enhancing the concrete properties with recycled coarse aggregate and manufacture sand, journal of materials research and technology, 2021, vol 14 pp. 1180-1190 **(scopus index)**

27. M.Thanmanaselvi, **V. Ramasamy,** A Study On Durability Characteristics of Nano-Concrete, Materials Today proceedings , Volume 80,Part 3,2023,pages 2360-2365 **(Scopus Index).**

28. P.Somiyadevi, **V. Ramasamy**, Performance of Rc Beams Supported With Hybrid FRP Laminates:A Review, Materials Today proceedings, Volume 80,Part 3,2023,pages 2590-2594 **(Scopus Index)**

29. M.Thanmanaselvi, **V. Ramasamy**, Assessment of Mechanical Properties of Nano-Modified Concrete, AIP Conference Proceedings, 2021**(Scopus Index)**

30. V. Pandian and **V. Ramasamy,** Behaviour of Bagasse ash and Bagasse fibre in Concrete, YMER, Vol 21,Issue 02,February 2022. **(Scopus Index and UGC- Care Group-II)**

31. V. Pandian and **V. Ramasamy**, Flexural study on Bagasse ash concrete with Bagasse fibre YMER, Vol 21, Issue 11, November 2022. **(Scopus Index and UGC- Care Group-II)**

32. Pandian.V and **Ramasamy.V**, 2022, Effects of Cement Replaced with Bagasse Ash and Bagasse Fiber in Concrete, Special Education (43), 6365-6372. **(Scopus Index and UGC- Care Group-II).**

33. Pandian.V and **Ramasamy.V**, 2023, Finite Element Analysis Of Concrete with bagasse ash and bagasse fibre, interciencia journal, 48(2), pp 1064-1070 **(web of science)**

34. Archana.M and **Ramasamy.V**, 2023, Influence of Zinc Sulphate in Microstructure and Strength Properties of Blended Cementitious Concrete System, Journal of REVISTAMATERIA, Vol 28, No2. **(Web of Science)**

35. M.Thanmanaselvi, **V.Ramasamy ,**2023,Assessment Of Durability Characteristics Of Concrete With Nanosilica And Carbon Nanotubes. Journal of Environmental Protection and Ecology 24, No 4, 1270–1281 (2023)

36. P. Somiya Devi, **V.Ramasamy** ,2023, Behaviour Of Hybrid Fibre Reinforced(Hyfrp) laminates on high strength concrete beams under flexural loadings material, journal of materials express,vol 13,pp 1753-1763

37. P.Manicanda sinouvassane,**V.Ramasamy**,2023,Structral strengthening of beam using fibre reinforced polymer laminates,Journal of Emerging technologies and innovative research ,vol 10,issue 09 pp 570-577

38. M.Aravindsamy, **Dr.V.Ramasamy**,2023, studies on properties of sisal fiber Reinforced self Compacting concrete.International Journal For Research in Applied Science & Engineering Technology,Vol 11 issue X ,pp 492-503.

39. M.Manikandan, **Dr.V.Ramasamy** ,2023,Waste Plastic induced in the Self compacting Concrete To Avoid Plastic Pollution. Journal For Research in Applied Science & Engineering Technology vol 11issue X, pp 432-440.

List Of Papers In Conference Proceeding

1. V.R.A.sathappan and V.Ramasamy **"**Broken Tile Waste as a Substitute for Coarse aggregate in Concrete", National seminar on Concrete Technology For 21st Century, Annamalai University, pp 4-8, Feb.9-10, 2001.
2. V.Ramasamy, M.Sivaraja and A.Arivoli, "Influence of coarse aggregate size on compressive strength of concrete mix", National conference on Advances in Building Material, Equipment and Construction Technologies,Vellore Institute of Technology, Vellore, pp 25-30, Jan 24-25, 2003.
3. M.Sivaraja, V.Ramasamy and V.R.A.sathappan, "Rain water harvesting-State of Art", National seminar on Recent advances in water resource planning and management, Annamalai University, pp 125-130, March 8-9, 2003.
4. R.Raja, V.Ramasamy and A.Arivoli, "Fate of Air Pollution – An Overview", National seminar on Environmental Health, S.V College of Engineering, Tirupathi, Dec. 29-30, 2003.
5. A.Krishnamoorhti, R.Venkatakrishnaiah and V.Ramasamy, "Effects of Environmental Pollution", National seminar on Environmental Health, S.V College of Engineering , Tirupathi, pp 77-80, Dec. 29& 30, 2003.
6. V.Ramasamy, S.K.Sekar and J.Revathi, "Rice Husk Ash In Concrete – An Overview", National Seminar on Recent Advances, Growth & Achievements in Modern Engineering Towards 2020, Sri Manakula Vinayagar college of Engineering, Pondicherry, pp 183-187, Nov 26-27, 2004.
7. V.Ramasamy, S.K.Sekar and J.Revathi, "Study of Influence of Rice Husk Ash on Compressive Strength of Mortar", National Conference on Recent Developments in Materials & Structures, NIT, Calicut, pp 125-132, Dec 2-3, 2004.

8. V.Ramasamy and S.K.Sekar, "Mechanical properties of Rice husk ash concrete", National seminar on Recent trends in the Structural Engineering, IRTT, Erode, pp 155-164 May 9-10 2005.
9. V.Ramasamy and S.K.Sekar, "Structural response of Ferro cement slab using rice husk ash", National level conference "SACOEFERENCE, Dr. Sivanthi Adithathanr College of Engg., Tiruchendur, pp 298-305, Aug 18-19, 2005.
10. J.Revahthi, V.Ramasamy and V.R.A.Sathappan, "Life of concrete Structures Workshop on Repair Rehabilitation and Retrofitting of R.C.Structures", Adhiparasakthi Engineering College, Melmaruvathur, pp 69-85, 20th Aug 2005.
11. S.K.Sekar, V.Ramasamy and S.Ganesan, "Effect of Rice Husk ash on mechanical properties of High Performance Concrete", National level conference on "Concrete Technology for the Future", Kongu Engg. College, pp 1-9, Apr. 21-22, 2006.
12. V.Ramasamy and S.Biswas, "Effect of Super Plasticizers on the Compressive Strength of Rice Husk Ash", National Conference on Recent Development in Concrete Technology-RDCT 2006,Government College of Technology, Coimbatore, pp 501-513,Dec 21-22, 2006.
13. V.Ramasamy and S.Biswas, "Study of Influence of Rice Husk Ash on Mechanical Properties of Concrete", National conference on Emerging Technologies in Civil Engineering for Sustainable Development, S.R.K.R. Engineering College, A.P., pp 8.1-8.5, Dec 27-29, 2006.
14. V.Ramasamy and S.Biswas, "Permeability Properties of High Performance Concrete with Rice Husk ash as Mineral Admixtures", National Conference on Theoretical & Experimental Advances in Civil Enginnering, SRM University, pp 365-372, Feb 8-9, 2007.
15. V.Ramasamy and S.Biswas, "Studies of Partial replacement of Cement using Rice Husk in Cement Concrete", National Conference on Recent Trends in Concrete Composites for Structural Systems, Kongu Engineering College, Erode, pp 465-471, March 14-15, 2007.
16. P.Purushothamaraj, V.Ramasamy and T.Bhagavathi Pushpa, "Land Slides", Workshop on Disaster Management, Adhiparasakthi Engineering College, pp 57-74, 2nd August 2007.
17. V.Ramasamy and S.Biswas, "Effect of Rice Husk Ash on Mechanical properties of Concrete", International Conference on Innovations in buildings Materials, Structural designs & Construction Practices, Bannari Amman Institute of Technology, Sathyamangalam, pp 978-987, May 15-17, 2008.

18. V.Ramasamy, “Special concrete”, National seminar, Adhiparasakthi Engineering College, pp 74-83, 27th March 2008.
19. T.Felixkala and V.Ramasamy, “Properties of HPC with Granite Powder as Fine aggregate”, National Conference on Recent trends in Concrete Composites for Structural Systems RTCCSS – 09, Kongu Engineering College, Perundurai pp 44-52, April 3-4, 2009.
20. “Experimental study on the effect of Granite Powder in Concrete Mixtures”, National Conference on Recent Advancement in Civil Engineering RACE – 09”, Sengunthar Engineering College, Thiruchengodu, 28th April 2009.
21. H.Anithadevi and V.Ramasamy, “Planning, Scheduling and Tracking of a Multistoried Residential Building Using MS-Project 2007”, National Conference on Recent trends in Civil Engineering, Rajarajeswari Engineering College, Chennai, pp 233-242, 7th April 2010.
22. K.Sathish and V.Ramasamy, “Planning, Scheduling and Managing uncertainty in the construction of 1 x10Mw power plant”, National Conference on Recent Trends in Civil Engineering, Rajarajeswari Engineering College, Chennai, pp 244-249, 7th April 2010.
23. Planning and Scheduling using Primavera Software”, National Conference on Recent Trends in Civil Engineering”, Rajarajeswari Engineering College, Chennai,7th April 2010.
24. V.Ramasamy, “Concrete from Rice Husk ash: its strength and durability”, National Conference on Advancement in Concrete Technology, K.S.R college of Engineering, Trichengode, Namakkal, pp 70-73, 23rd & 24th September 2010.
25. S.Rethinakumar and V.Ramasamy, “Non-Destructive testing of different types of Concrete”, CSIR sponsored National Conference on Advances in Earthquake Resistant Design and Construction Techniques, Adhiparasakthi Engineering College, Melmaruvathur, pp 278-282, 20th & 21st April 2011.
26. M.Vigneshkumar and V.Ramasamy, “Experimental investigations on Durability Characteristics of Quarry Dust Concrete”, CSIR sponsored National Conference on Advances in Earthquake Resistant Design and Construction Techniques, Adhiparasakthi Engineering College, Melmaruvathur, pp 252-258, 20th & 21st April 2011.
27. S.Nirmal and V.Ramasamy, “Effect of curing regime on mechanical and durability properties of concrete M30”, CSIR sponsored National Conference on Advances in Earthquake Resistant Design and Construction Techniques, Adhiparasakthi Engineering College, Melmaruvathur, pp 200-205, 20th & 21st April 2011.

28. V.Ramasamy, “Behaviour of Rice Husk Ash Concrete Beams under Monotonic Loading”, International Conference on Earthquake Resistant Construction Practices, Dr.MGR University, pp 262-271, 27&28 July 2012.
29. E.S.Stephi and V.Ramasamy, “Mechanical strength of concrete using bottom ash as fine aggregate”, National conference on recent development in civil Engineering, SRM University, pp 91-97, 21& 22 March 2012.
30. C.Selin Ravikumar and V.Ramasamy, “Electrochemical Corrosion in Concrete Structures - Mechanisms and Effects”, National conference on modern trends in construction materials and construction techniques, Easwari Engineering College, Chennai, 3rd & 4th October 2012.
31. C.Selin Ravikumar, V.Ramasamy and T.S.Thandavamoorthy, “Developments in Modern Construction Materials”, International Conference on Global Changes and Strategies in Engineering Management and Disaster Management, Noorul Islam University, 8th & 9th March 2013.
32. D.Kamalnatraj and V.Ramasamy, “Design for safety construction”, National conference on Creative Techniques in Civil Engineering, IFET College of engineering,6th April 2013
33. R.G.Rameshkumar, V.Ramasamy and R.Thenmozhi, “Behavioral studies of Hybrid fiber as secondary Reinforcement in concrete”, International Conference on Innovative Materials and Constructions, Adhiparasakthi Engineering College Melmaruvathur, pp 299-312, 8th & 9th April 2013.
34. C.Selin Ravikumar, V.Ramasamy and T.S.Thandavamoorthy, “Fly ash: From Pollutant to Building Material –Issues and Challenges”, International Conference on Innovative Materials and Constructions, Adhiparasakthi Engineering College, Melmaruvathur, pp 334-335, 8th & 9th April 2013.
35. R.S.Muralitharan and V.Ramasamy, “Development of Light Weight Concrete”, International Conference on Innovative Materials and Constructions, Adhiparasakthi Engineering College, Melmaruvathur, pp 266-275, 8th & 9th April 2013.
36. J.Kumar and V.Ramasamy, “Concrete with partial Replacement of Rubber Tyre scrap in place of coarse aggregate”, International Conference on Innovative Materials and Constructions, Adhiparasakthi Engineering College, Melmaruvathur, pp 221-230, 8th & 9th April 2013.
37. D.Kamalnatraj and V.Ramasamy, “Reducing construction Accidents Through Safety Drawing”, International Conference on Innovative Materials and Constructions,

Adhiparasakthi Engineering College Melmaruvathur, pp 315-319, 8th & 9th April 2013.

38. J.Kumar and V.Ramasamy, "Discussion on Concrete Encased Steel Beams", International Conference on Engineering Materials and Process, Tagore Engineering College, Chennai, 23rd & 24th May 2013.
39. J.Kumar and V.Ramasamy, "Review of Concrete Encased Cold-formed Steel Columns", 28th Indian Engineering Congress, Chennai, December 20 – 22, 2013.
40. R.S.Muralitharan and V.Ramasamy, "Application of Pumice Aggregate in Structural Light Weight Concrete",28th IndianEngineeringCongress, Chennai,December20-22,2013.
41. B.Krishnamoorhti and V.Ramasamy, "Feasibility Study on Eggshell Powder Concrete", 28th Indian Engineering Congress, Chennai, December20 – 22, 2013.
42. D.Kamalnatraj and V.Ramasamy, "Design Concept of Accident Prevention using Safety Indicator in Heavy Construction Projects", 28th Indian Engineering Congress, Chennai, December 20 – 22, 2013.
43. J.Shanmugapriya and V.Ramasamy, "Use of Six Sigma Techniques in Construction to reduce Loss of Working hours", National Conference on Green Technologies, Environment Engineering and Ethics -2014, Aarupadai Veedu institute of technology, Chennai, 27th & 28th March 2014.
44. R.S.Muralitharan and V.Ramasamy, "Development of Light Weight Concrete using Pumice under Cyclic Loading", National Conference on Structural Materials and Modern Construction Practices, Adhiparasakthi Engineering College, Melmaruvathur, pp 71-77, 14th May 2014.
45. C.Selin Ravikumar, V.Ramasamy and T.S.Thandavamoorthy, "Case studies of Strengthening and Repairing of Civil Engineering Structures with FRP and Chemicals", National Conference on Structural Materials and Modern Construction Practices, Adhiparasakthi Engineering College, Melmaruvathur, pp 53-60, 14th May 2014.
46. S.Venkatraman and V.Ramasamy, "Experimental Investigation on Behavior of cement concrete by partial replacement with Metakaolin", National Conference on Recent advances in Science, Engineering and Management, Tagore Engineering College, Chennai, 20th March 2015.
47. J.Kumar and V.Ramasamy, "Experimental Study on Compressive Strength of Cement Concrete with Copper Slag as Fine Aggregate", National Conference on Recent advances in Science, Engineering and Management, Tagore Engineering College, Chennai, 20th March 2015.

48. S.Karunagaran and V.Ramasamy, “Study of resource management and its implementation in construction projects”, National Conference on latest advances in civil engineering for sustainable development-LACE2015, SNS College of Technology-Coimbatore, 20th March 2015.
49. D.Kamalnatraj and V.Ramasamy, “The approach of Engineers in Enhancing the Safety Culture in Indian Construction Project”, National Conference on Trends and Innovations in Civil and Mechanical Engineering, Vel Tech Multi Tech 26th Sep 2015.
50. D.Kamalnatraj and V.Ramasamy, “Construction Accidents -Indian Scenario”, International Conference on Infrastructure Development for Environmental Conservation and Sustenance, Adhiyaman College of Engineering, Hosur, 28th to 30th October 2015.
51. P.Somiyadevi and Dr.V.Ramasamy, “Structural Performance of High Strength Concrete Beams with Hybrid FRP Laminates”, International Conference on Engineering Materials And Processes (ICEMAP 2019), Tagore Engineering College, Chennai - 127, 14th & 15th March 2019.
52. M. Thanmanaselvi, and Dr. V. Ramasamy, “Experimental Investigation of Mechanical Properties on Concrete with Nanomaterials using Manufactured Sand”, International Conference on Engineering Materials And Processes (ICEMAP 2019), Tagore Engineering College, Chennai - 127, 14th & 15th March 2019.
53. S E Kaarthic , Dr.V.Ramasamy and Dr.A.Leema Rose, “Behavioral Analysis of FRP Sections”, International Conference on Engineering Materials And Processes (ICEMAP 2019), Tagore Engineering College, Chennai - 127, 14th & 15th March 2019.
54. V.Pandian and V.Ramasamy “Effects of cement replaced with Bagasse Ash and Bagasse fibre in concrete’, International Conference on Built Environment Science and Technology, SRM Institute of Science and Technology, Chennai, 20th & 21st February 2021.
55. M. Thanmanaselvi and Dr. V. Ramasamy “Evaluation of Concrete Properties using Manufactured Sand with Nonmaterial’s”, International Conference on Recent advances in material Chemistry, SRM Institute of Science and Technology, Chennai,18th -20th February 2021.
56. P.Somiyadevi and Dr. V. Ramasamy “Study on Mechanical Properties of High Strength Concrete used in Construction Industries”, International Conference on Recent advances in material Chemistry, SRM Institute of Science and Technology, Chennai, 18th -20th February 2021.

57. V.Pandian and Dr. V. Ramasamy "Static behaviour of bagasse ash and bagasse fibre in Concrete", International Conference on Sustainable Practices and Innovations in Civil Engineering, SSN College of Engineering, Chennai, 19th -20th March 2021.

Articles in Print Media

1. Opportunities for Higher Studies and Employment in Core Engineering, THE HINDU on 6th March 2010.
2. Role of Civil Engineering, THE HINDU**,** 14th June 2012.
3. Engineering Branches, THE HINDU, May 31st 2013.
4. Engineers are in demand, THE HINDU, 17th May, 2013.
5. A Gate way to PG programmes of IIT's / IISC and other Elite Institutions THE HINDU, 5th May 2013.
6. Nuts and Bolts of Engineering Studies, THE HINDU, 5th May 2012.
7. Poriyial Paramparia Padippukalum, Pudhiya Padippukalum, Vikadan Kalvi Malar,Vikadan Prasuram, May,2013.
8. For a hassle-free exam time, The Hindu 2nd March 2014.
9. For a Futuristic Development, THE HINDU Education Plus Career Counselling 25th April 2014.
10. TNEA Counselling at a glance on, The Hindu, 27th June 2014.
11. Employability Criteria – "ICT Connect", - Magazine of ICT academy of Tamil Nadu, September 2013.
12. "How to become an Employable Engineering Graduate?" Page 14-15, Career Path Magazine, THE Hindu, 8thMay 2015.
13. "Why Core Engineering?"- Education Excellence –THE HINDU, 31st May 2015.

List of Books published

Sl. No.	Title of the Book	Name of the Publisher
1.	Fluid and Solid Mechanics	Sri Krishna Publication, Chennai, 2005
2.	Mechanics of Solids	Sri Krishna Hitech Publication ISBN No 978-93-80659-20-6, Chennai, 2009
3.	**Strength of Materials**	**PEARSON ISBN 978-81-317-6854-9, New Delhi, 2012**
4.	Design of RC & Brick Masonry	Lakshmi Publications, Chennai, 2012

	Structures	ISBN 978-93-83-103-16-4
5.	**Fluid Mechanics And Machinery**	**Scitech Publications (India) Pvt Ltd ISBN 978-81-8371-424-2, Chennai, 2012.**
6.	Comprehensive Strength of Materials	Lakshmi Publications ISBN 978-93-83103-05-8, Chennai, 2013.
7.	**Strength of Materials for Anna University**	**PEARSON ISBN 978-81-317-9478-4, New Delhi 2013**
8.	Basic Civil And Mechanical Engineering	Vishnu Prints Media, Chennai.2013
9.	Structural Analysis-I	Lakshmi Publications ISBN 978-93-83103-35-5, Chennai 2013
10.	Prestressed Concrete Structure	ISBN 978–93–80659–20–6 Sri Krishna Hitech Publishing Company Pvt. Ltd, Chennai , 2014
11.	**Applied Hydraulic Engineering**	**Scitech Publications (India) Pvt Ltd ISBN 978-81-8371-698-7, Chennai, 2015**
12.	**Mechanics of Fluids**	**Scitech Publications (India) Pvt Ltd ISBN 978-81-8371-716-8, Chennai, 2015**
13.	**A Textbook on Fluid mechanics And Machinery**	**Scitech Publications (India) Pvt Ltd ISBN 978-81-8371-718-2, Chennai, 2015**
14.	Design Of Steel Structures	BKF Puplishers &Distributors Chennai,2016 ISBN 978-81-9566-105-5
15.	Structural Analysis I I	BKF Puplishers &Distributors Chennai,2016 ISBN 978-81-9566-105-1
16.	Engineering Mechanics	Vishnu Prints Media, Chennai.2016
17.	Engineering graphics	Vishnu Prints Media, Chennai.2016 ISBN 978-93-85374-45-6

18.	Engineering practice laboratory	Vishnu Prints Media, Chennai.2016 ISBN 978-93-85374-45-3
19.	**Civil Engineering Structure**	**New Age International Publishers** **New delhi** **ISBN 978-81-224-5732-2**

MEMBERSHIP IN PROFESSIONAL BODIES:

- Life Member of Indian Society of Tech. Education – LM 25013.
- Life Member of Indian Concrete Institute – M7147.

GRANTS RECEIVED:

Name of the project	Funding Agencies	Amount (Rs.)	Year	Status
Mechanical and Durability Properties of Rice Husk Ash Concrete	Tamil Nadu State council for Science and Technology (student Project)	5,000	2007-08	Completed
National Conference on Modern Concrete Materials & Construction Techniques	Council of Scientific and Industrial Research	40,000	2006-07	Completed
Fabrication and Erection of Loading Frame	AICTE – MODROBS	10,00,000	2008-09	Completed
Manufacturing of Rice Husk Ash Solid Blocks	IEDC - DST	1,00,000	2009-10	Completed
Design a Real time Wireless Sensor Networks Testbed for Intelligent Building Automation	RPS/AICTE	9 Lakhs	2009-10	Completed
Manufacture of Bricks using Rice Husk Ash	IEDC- DST	1,00,000	2010-11	Completed
International Workshop on Advances on Concrete Materials & Exhibition	Council of Scientific and Industrial Research	40,000	2011-12	Completed

International Workshop on Advances on Concrete Materials & Exhibition	AICTE	2,00,000	2011-12	Completed
Modernization of Environmental Engineering Lab	AICTE -MODROBS	14.39 Lakhs	2011-12	Completed
International conference on Innovative Materials and Constructions	AICTE	Rs 1,50,000/-	2012-13	Completed
International conference on Innovative Materials and Constructions	Council of Science and Industrial research	Rs 40,000/-	2012-13	Completed
Treatment of Effluent from textile industry by dried Beans	Tamil Nadu State council for Science and Technology (student Project)	Rs 10,000/	2012-13	Completed

CONFERENCES / SEMINAR / WORKSHOPS ORGANIZED:

- Coordinator for one day workshop on "Repair, Rehabilitation & Retrofitting of RC structures" on 20th Aug 2005
- Convener for Two day programme on Job opportunities and Entrepreneurship awareness during 23rd & 24th Aug 2006
- STP on Integrity Monitoring of Structures at IIT, Chennai during13th to 17 th Dec1999
- Workshop on Steel Concrete Composite Structures at Anna University during 22-25th Mar 2000
- Workshop on Quality Control & Finance Management in Civil Constructions (WS) at Vellore Engg. College, Vellore on 10th Jun 2000
- Workshop on Concrete Technology for 21st Century at Annamalai University, Chidambaram during 9th & 10th February 2001.
- Workshop on FEM and NISA applications at College of Engineering, Anna University, Chennai on 26th July 2002.
- Workshop on Rain water harvesting at Adhiparasakthi Engineering College,

Melmaruvathur on 12th December 2002

- Workshop on Health Monitoring of Structure a Proactive strategy at SRM Engineering College on 23 Jan 2003
- Workshop on Earth Quake design as per new Code at Anna University during March 20&21, 2003
- Workshop on Industrial Safety. At Adhiparasakthi Engineering College, Melmaruvathur during March 20&21, 2003
- Workshop on Repair & Rehabilitation of Structures at Vellore Institute of Technology (Deemed University), Vellore on 8 Sep 2003
- Seminar on Fly Ash Utilization and Disposal (WS) Institution of Engineers, Chennai during 11 & 12 Oct. 2003
- Workshop on Cost Effective Techniques in Foundations for Problematic Soils (WS) at S.R.M. Engineering College, Kattankulathur on 24, Jan 2004
- Workshop Mix Design for Durable Concrete (WS) at Vellore Institute of Technology (Deemed University), Vellore on 4 Sep 2004
- Workshop on Water Proofing and Maintenance of RCC Structures (WS) at Vellore Institute of Technology (Deemed University), Vellore on 27thOct 2004
- Workshop on NDT Methods Diagnostics of Repairing of Structures (WS) at Vellore Institute of Technology, Vellore on 24th October, 2005
- Short Term Course on Manufacturing Excellence at Adhiparasakthi Engineering College, Melmaruvathur11th – 15th December 2006
- Workshop on Recycling of Waste Materials in Concrete at Kongu Engineering College, Erode during 16th & 17th August 2007.
- Workshop on Software Testing at Adhiparasakthi Engineering College during 07th &08th September 2007
- Workshop on Smart Materials & Structures for Infrastructural Development at Kongu Engineering college, Perundurai during 3rd and 4th April 2009
- International Conference on Accreditation –ICA 2011 at RMK Engineering College, Chennai during 18th & 19th May 2011.

DETAILS OF SUPERVISION/REASEARCH GUIDANCE

Ph.D. (Guidance)

Name of the Research Scholar	Topic	University	Progress
D. Kamal Nataraj	Design for Construction Safety	Anna University	**Completed**
R.S.Murali Tharan	Development of High Performance Light Weight Concrete	Anna University	**Completed**
S. Venkatraman	Natural Hydrocolloids as Additives in Cement Concrete : A Performance Study	Anna University	**Completed**
Venkatesan Marshall Raman	Experimental investigation in controlled permeable form work by using tricalcium sulpho aluminate cement	Anna University	**completed**
V.Pandian	Structural behaviour of fibre reinforced Bagasse Ash concrete Beam under Static And cyclic load	Sathyabama University	**completed**
P.Somiyadevi	Structural Performance of High Strength Concrete with hybrid FRP laminates.	Anna University	**Thesis preparation**
R.K.Manikandan	FRP Laminates in Concrete	Anna University	**Synopsis preparation**
S.E.Karthik	FRP Laminates in Concrete	Anna University	**Synopsis preparation**
Archana.M	Cold formed steel sections	Anna University	**Thesis preparation**
M.Thanmanaselvi	Seismic Performance of Bridge Piers	Anna University	**Thesis preparation**
N. R. Monish Raaj	Green building in Modernized Civilization	Anna University	**Synopsis preparation**

Ph.D. (DC Member)

Name of the Research Scholar	Topic	University
P. Purnachandar	Investigation on the use of coconut shell in pre-fabricated construction blocks using lime mortar as an alternate to vernacular architecture	S.R.M. University
V.T. Ashok Kumar	Use of textile ETP sludge as construction material	S.R.M. University

L. Krishnaraj	New pozzalanic materials for cement industry: synthesis and characterization of Nano fly ash	S.R.M. University
S. Thirumurugan	Experimental study on strength aspect of different types of composite column	VIT University
J. Vikram	Alternative reinforcements for concrete applications	VIT University
G. S. Rampradeep	Integrating and implementing Fibre reinforced self-compacting self-curing Green concrete for water and environmental conservation	Anna University
S. Venkatachalam	Stainless steel Fibre for structural application	Anna University
P. Dinesh Kumar	Experimental Investigation on FRC	Bharath University
P. Manokar	External Expert Member Comprehensive Viva Voce	S.R.M. University
R.Balaraman	Behavior of CUPOLA slag in concrete structures	Anna university
K.R.Vinoth	Concrete materials	Anna university
S.Nithya	Sustainable management by utilizing waste as functioning materials in construction industry	Anna university
Rashmi R	Concrete materials	Sathyabama University
Murugan.D	Seismic Retrofitting and Rehabilitation of Concrete and Masonry Structures using FRP Composites	S.R.M. University
Manivel.S	Experimental investigation on the mechanical properties and thermal stability of natural fibre reinforced composites	S.R.M. University
G. Gajalakshmi	Expert panel member for Viva-voce representing the foreign examiner	Sathyabama University
M. Harihanandh	Expert panel member for Viva-voce representing the foreign examiner	Anna University

P.G GUIDANCE (Construction Engineering and Management)

- Effect of New Generation Super Plasticizers on Workability of Concrete mix – 2008
- Materials Management in The Construction of Building Project.- 2008
- Strength Properties of Concrete with Granite Powder as Fine Aggregates - 2009.
- Planning, Scheduling and Tracking of a Multistoried Residential building using MS-project 2007-2010
- Critical Factors for improving Labour Productivity in construction - 2010
- Planning and Scheduling by using Software Primavera 6.0 - 2010
- Effect of Compaction Techniques on Mechanical and Durability Properties of Concrete - 2011
- Study on Safety and Labour Conditions in Construction sites - 2011
- Experimental Investigations on Durability Characteristics of Quarry Dust Concrete - 2011
- Non Destructive Testing of Different types of Concrete - 2011
- Effect of Curing regime on Mechanical and Durability Properties of Concrete – 2011
- Mechanical Strength of Concrete using Bottom ash Mechanical Strength of Concrete using bottom ash as fine aggregate-2012
- Study on Strength and Durability Properties of Concrete by Partial Replacement of Cement with Egg Shell Powder 2013.
- Study on Strength and Durability Properties of Concrete by Partial Replacement of sand with crushed pet bottles 2013.
- Use of “Six Sigma” Techniques in construction Industry to reduce loss of working Hours. 2014.
- Study of Resource Management and its Implementation in construction projects. 2015
- Study of strength and durability characteristics of hybrid fiber reinforced self-compacting concrete – 2020
- Experimental investigation of properties of natural fiber reinforced concrete with partial replacement of seashell - 2020
- Experimental investigation on partial replacement of cement with dolomite and optimum usage of copper slag as fine aggregate in high strength concrete - 2020
- Studies On Properties of Sisal Fiber Reinforced Self Compacting concrete – 2023
- Structural Strengthening of Beam using firbre reainforced Polymer Laminate - 2023
- Studies The Performance of self Compacting Concrete using Plastic Aggregate - 2023

U.G (Civil Engineering)

- Flexural Behaviours of Ferro Cement Slab with Fly Ash – 1996.
- A Case Study on Concrete with Super Plasticizer – 1998.
- Mechanical and Durability Properties of Polymers Modified Mortar- 2000.
- Influence of Coarse Aggregate Size on Compressive Strength of Concrete Mix. – 2001.
- Size Effect on Compressive Strength of M20 & M30 Concrete Mixture – 2002.
- Establishment of Relationship between Mechanical Properties of Concrete Mix M20 & M30 – 2003.
- Establishment of Relationship between Mechanical Properties of Concrete Mix (M40 & M60) – 2003.
- Design of a Reinforced Cement Concrete Chimney-2004.
- Partial Replacement of Cement by Rice Husk Ash – 2004.
- Fabrication of Reinforcement Models – 2004.
- Mechanical Properties of Rice Husk Ash Concrete of M20 Grade – 2005.
- Structural Response of Ferro Cement Slab Using Rice Husk Ash Mortar-2005.
- Effect of Acid and Alkaline Attack on Rice Husk Ash Concrete of M30 Grade – 2006.
- Mechanical Properties of Rice Husk Ash Concrete of M30 Grade Concrete – 2006.
- Fly Ash Concrete with Rice Husk Ash as an Admixture – 2007.
- Effect of Fly Ash on Concrete with Silica – 2007.
- Mechanical and Durability Properties of Rice Husk Ash Concrete – 2008.
- Study on Durability Properties of Rice Hush Ash Concrete with Silica Flume -2009.
- Strength of Mortar made with cement containing Rice Husk Ash and Silica Fume – 2009.
- Manufacturing of Precast Lintels using RHA Hollow Blocks – 2011.
- Manufacture and Analysis of Rice Husk Ash Bricks -2011.
- Precast Ferrocement Roof – 2012.
- Concrete Block by Partial Replacement of Textile Waste for Sand – 2012

INTERACTION WITH OUTSIDE

- As the Chief Guest for the valedictory function of CONSTECH – 08 at V. R. S. College of Engineering & Technology on 12th Sep, 2008 and delivered the Valedictory Address.
- Invited by Thiruvalluvar College of Engineering & Technology, to act as a one of the Judges in GEOFEST 2K8 – Student Symposium on 25th Sep 2008.

- Invited by Elumalai Polytechnic College, Villupuram, to act as one of the Panel Members in State Level Project Work Exhibition organized by Directorate of Technical Education, Chennai on 24th January 2009.
- Invited by Eashwari Engineering College, to act as a one of the Judges in ACE – Student Symposium on 25th Sep 2008.
- Guest Lecture on "Strength and Durability of Concrete with Waste materials" at K.S.R. College of Engineering, Thiruchengodu on 24th Sep. 2010.
- Acted as a Judge for Technical Symposium at Easwari Engineering College, Chennai on 29th Aug. 2011.
- Acted as Chairman for Two Days National Level Conference at Easwari Engineering College, Chennai on 3rd & 4th Oct. 2012.
- Member of the Technical Committee for the 28th Indian Engineering Congress, December 20-22, 2013.
- Advisory Committee Member in national conference on "Advancements and Challenges in Civil Engineering" April 11th 2014.
- Jury Panel Member, for evaluating ICTACT Student project innovator award, May 2014.
- Organizing Committee Member in national conference on "Entrepreneurship in Civil Engineering", Anna University, Chennai. September 27th 2014.
- Jury Panel Member, for evaluating ICTACT Student project innovator award, May 2015.
- Session Chair for 2nd National Conference on Advancements and challenges in Civil Engineering, April 23rd 2015
- Advisory committee member, 18th ISTE Annual Students Convention, Kings College Of Engineering, Pudukottai, 30-31 October 2015.
- Advisory committee member,18th ISTE TN&P Section Annual Convention for Faculty Members of Engineering Colleges, KPR Institute Of Engineering and Technology Coimbatore I, 10-11 December 2015.
- Advisory committee member,15th ISTE TN&P Annual Students Convention, Anand Institute of Technology, Chennai, 29th January 2016

AWARDS

- ISTE Periyar Award received for Best Engineering College Teacher 2013 at 16th Faculty convention held at Excel College of Engineering.
- Received Best Administrator award for the year 2013, 3rd ASDF Global Awards held at Puducherry on 30th December 2013.

- Received KSCE springer award for his outstanding contribution to the KSCE Journal

RECOGNITIONS

- **Member of the syllabus subcommittee for framing curriculum and Syllabi (R 2012) for undergraduate courses offered by the Engineering Colleges under affiliated to Anna University under faculty of Civil Engineering**.
- **Member of the syllabus subcommittee for framing curriculum and Syllabi (R 2013) for undergraduate courses offered by the Engineering Colleges under affiliated to Anna University under faculty of Civil Engineering.**
- **Member of the syllabus subcommittee for framing curriculum and Syllabi (R 2017) for undergraduate courses offered by the Engineering Colleges under affiliated to Anna University under faculty of Civil Engineering**
- **Honored with an invitation by Kalaingnar TV for a discussion on "Opportunities for Higher Studies and Employment in Engineering". This program was held on 6th March-2010. It was a live telecast**
- **Opportunities for Higher Studies and Employment, Captain TV on June 15th 2012.**
- **Board of studies member in faculty of civil Engineering, Anna University Chennai for three years (2019-2022).**

PERSONAL DETAILS

Name	:	Dr. V. Ramasamy
Father's Name	:	Mr. V. Vasudevan
DOB & Age	:	20-05-1968, 55 yrs.
Marital Status	:	Married
Permanent address	:	40/1, First Main Road, Ramakrishna Nagar, Melamayur, Vallam (Po), Chengalpattu, 603 0

Place: Signature

Date: (Dr. V. Ramasamy