



Dr.M.Sivaraja M.E., Ph.D., P.D (USA)
MISTE, MIE, MIStructE, MIIBE, MICI, MISHMI, MASC

(BOYSCAST Fellow – 2009)

1. Personal

Age & Date of Birth : 40 & 03.05.1974

Sex : Male

Place and District of Birth : Chennimalai – Erode District, Tamilnadu, INDIA

Religion Community & Caste : Hindu – BC & Kongu Vellalar

Permanent Address : 174, Uppilipalayam, K.G.Valasu (Po)
Chennimalai (Via), Erode (Dt) – 638 051
Tamilnadu, INDIA

Mobile : 98429 96707

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Mother's Name : M.Rathinambal

Father's Name : P.Muthusamy

Fathers' Occupation : Farmer

Spouse's Name : P.Gomathi

Qualification of Spouse : Ph.D

**Position of Spouse : Professor in EEE & Dean(Academics)
N.S.N. College of Engineering and Technology**

Wards' Names : M.S.Mehal Sakthi (VI Std)
M.S. Tamil Sakthi (UKG)

2. Educational Record

Sl. No	Diploma / Degree / etc	Name of the Institution	Name of the University	Month & Year of Passing	Class
1	B.E – Civil Engineering	R.V.S.College of Engineering, Dindigul	Madurai Kamaraj University	April 1995	First Class
2.	M.E – Structural Engineering	Government College of Engineering, Salem	Periyar University, Salem	May 2001	First Class with Distinction # Gold Medalist
3.	Ph.D – Civil Engineering	Anna University, Chennai		Dec 2008	Commended
4.	Post Doctoral Fellowship (PDF) – Composite Materials	University at Buffalo, The State University of New York, USA		Nov 2009	10 out of 10

Ph.D Supervisor : **Dr.S.Kandasamy M.E., Ph.D**
Professor in Civil Engineering
Government College of Technology, Coimbatore

Ph.D Thesis Title : **Studies on Fibrous Concrete with Rural Materials**

Research Centre : **Government College of Engineering, Salem**

PDF Supervisor : **Dr.Deborah.D.L.Chung**
Professor in Mechanical Engineering
Director, Composites Research Laboratory
University at Buffalo,
The State University of New York, USA

PDF Project Title : **Multifunctional Cement Based Materials**

3. Employment Positions Held

Sl. No	Name of the College	Position	Duration	No. of Years & Months
1	N.S.N. College of Engineering and Technology, Karur	Principal	From 06.06.2011 to till date	2 Years 9 Months
2	Kongu Engineering College, Perundurai	Associate Professor	From 23.07.2003 to 04.06.2011	07 Years 10 Months
3	Kongu Engineering College, Perundurai	Assistant Professor		
4	Kongu Engineering College, Perundurai	Lecturer		
5	Adhiparasakthi Engineering College, Melmaruvathur	Lecturer	From 01.06.2001 to 22.07.2003	2 Years 2 Months
6	M.P.N.M.J Polytechnic College, Chennimalai	Lecturer	From 02.01.1999 to 31.01.2000	1 Year 1 Month
7	Sakthi Builders, Chennimalai	Project Engineer	From 01.06.1998 to 01.01.1999	7 Months
8	B.R.Construction, Coimbatore`	Project Engineer	From 01.06.1995 to 31.05.1998	3 Years
Total Experience in Years and Months			17 Years 8 Months	

4. Honours

Prizes and awards

Sl. No	Name of the prize / Award	Prize / Award Given by	Awarded on	Purpose of sanctioning the prize / award
1	Excellence in Research	Education Expo TV, Noida	June 2013	Excellent Contribution in Research on Science and Technology at Young age
1	Shri P.K.DAS Memorial Best Faculty Award	Nehru Group of Institutions, Coimbatore	December 2010	Best Faculty in Civil & Mechanical Engineering Discipline in Tamilnadu & Kerala States
2	Best Faculty Award	Cognizant Technology Solutions – Kongu Engineering College	April 2010	Best Faculty Award in Kongu Engineering College for excellent performance (among 386 teaching faculty)
3	Young Engineer Award	The Institution of Engineers (India), Kolkata	November 2009	National Level Best Young Engineer Award (below 35 years) in Civil Engineering Discipline
4	BOYSCAST Fellowship (Young Scientist Award)	DST, New Delhi	January 2009	Young Scientist Award (below 35 years) to do Advanced Research at Foreign University
5	Career Award for Young Teachers	AICTE, New Delhi	January 2009	Life Time Achievement for Young Teacher (below 35 years) in Engineering Institution
6	Best Teacher Award	Kongu Engineering College	March 2007	Best Teacher in Civil Engineering Department of Kongu Engineering College

5. Membership in Professional Bodies

1. Indian Society for Technical Education, India
2. Institution of Engineers (India)
3. Indian Concrete Institute
4. Indian Association for Structural Engineers
5. Indian Society for Bridge Engineers
6. International Society for Structural Health Monitoring of Intelligent Infrastructure, Canada

6. Visits to Abroad

Country	University Visited	Purpose	Own expenses / Funded by
USA	University at Buffalo, New York	Post Doctoral Research at University at Buffalo under BOYSCAST Fellowship from DST New Delhi	DST New Delhi
USA	Lawrance Technological University, Detroit	MoU and Collaboration with Kongu Engineering College	Kongu Engineering College
USA	Wayne State University, Detroit	MoU and Collaboration with Kongu Engineering College	Kongu Engineering College
USA	University at Delaware, Delaware	Present a paper in International Conference	DST New Delhi
Canada	University of Sherbrooke, Montreal	To present a paper in a RILEM sponsored International Symposium held at University at Sherbrook, Montreal	AICTE, New Delhi

7. Research Projects

Sl. No	Title of the Project	Name(s) of the funding agency	Amount
1	Multifunctional Cement Based Materials	DST (BOYSCAST)	Rs. 9,70,000-
2	Piezo-resistivity based Self Sensing Concrete for Disaster Prone Structures	AICTE (CAYT)	Rs. 10.50,000-
3	Bio-Composite Concrete Panels for Low Cost Housing	TNSCST	Rs. 5,000-
4	Web Enabled Health Monitoring and Control of Disaster Prone Structures	AICTE (RPS)	Rs. 6,00,000-
5	Application of Coir fibre as concrete composites in Disaster Prone Structures	Coir Board (Ministry of Agro & Rural Industries, Govt. of India)	Rs. 8,44,000-
6	Behavior of Hollow Block Masonry Wall under Seismic Loading	The Institution of Engineers (India)	Rs. 8,500-
7	Self Compacting Concrete under Elevated Temperature	The Institution of Engineers (India)	Rs. 12,000-
8	Corrosion Prediction using Smart System	The Institution of Engineers (India)	Rs. 9,500-
9	IT Enabled Rural Infra-structural Interaction	The Institution of Engineers (India)	Rs. 7.500-
10	ANN based strength prediction of concrete	The Institution of Engineers (India)	Rs. 35,000-
11	Improving The Vibration Energy Dissipation ability of Steel Reinforced Concrete by using Admixtures	UGC, New Delhi	Rs. 7,50,000-

8. Research Scholars

S.No	Name of the Student / Students	Title	Center	Month of Registration
1	A.Thirumurugan	Textile Fire Reinforced Cementitious Composites for Precast Building Construction	Anna University, Coimbatore	Jan 2009
2	R.Saravanan	Development and Characterization of Bio-composite Concrete Panels for Low Cost Housing	Anna University, Coimbatore	Awarded Ph.D (Nov, 2013)
3	S.Thirumoorthi	Behaviour of FRP wrapped Hollow RCC Compression members	Anna University, Coimbatore	Jan 2009
4	K.Subramaniyan	Utilisation of Sugarcane Bagasse Ash As Pozzolano Material in Concrete	Anna University, Coimbatore	Jan 2009
5	J.Poornima	Strengthening and Rehabilitation of RCC and Masonry structures using Natural Fibre Reinforced Polymers	Anna University, Coimbatore	July 2010
6	K.Poongodi	Studies in Self Consolidating concrete with Coconut shell products as aggregates	Anna University, Coimbatore	July 2010
7	D.Ambika	Development of Reactive Powder Concrete	Anna University, Coimbatore	Jan 2011
8	M.M.Saravanan	Studies on behaviour of concrete with Nano - Silica	Anna University, Coimbatore	July 2011
9	S.D.Jagadeesan	Concrete filled Steel Tubular Section wrapped with FRP	Anna University, Coimbatore	July 2011
10	S.Ram Pradheep	Integrating and Implementing Self Compacting – Self Curing Concrete for Water and Environment Conservation	Anna University, Coimbatore	July 2011
11	S.Venkatachalam	Role of Stainless Steel fibres on Flexural and Electrical Properties of Concrete	Anna University, Coimbatore	Jan 2012
12	M.Harihananth	Development and Characterization of nano-flyash based concrete composites	Anna University, Coimbatore	Jan 2012

9. Seminars / Conferences / Workshops Organised

Sl. No	Date		Seminars / Conferences / Symposia / STTP /	Topic / Title
	From	To		
1	23.01.04	25.01.04	Workshop	Building Construction
2	22.04.04	23.04.04	Refresher Course	Proposed Revision of IS 800
3	16.12.04	17.12.04	National Conference	Recent Trends in Composites using Structural Steel
4	14.03.07	15.03.07	National Conference	2 nd National Conference on Recent Trends in Concrete Composites for Structural Systems
5	04.10.07	05.10.07	National Seminar	Fibre Reinforced Composites
6	14.02.08	15.02.08	National Seminar	Health Monitoring of Structures
7	10.04.08	11.04.08	National Conference	Innovative Materials and Methodologies for Disaster Resistant Structures
8	16.02.09	17.02.09	National Seminar	Smart Materials and Smart Structures for Infrastructural Development
9	15.05.09	16.05.09	National Conference	3 rd National Conference on Recent Trends in Concrete Composites for Structural Systems
10	29.04.11	30.04.11	National Conference	Innovations in Mechanical, Mechatronics and Building Sciences

11	08.01.13	-	National Conference	Damage control strategies for Earthquake prone structures
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10. Invited Talks

Sl. No	Topic	Institution / Place	Period
1	Multifunctional Self Sensing Smart Concrete for Structural Health Monitoring in Hazard Mitigation	AICTE Staff Development Programme on “Disaster Mitigation and Rehabilitation of Structures” held at Annamalai University	27.04.09 to 08.05.09
2	Testing and Analysis of Composite Materials	ISRO Sponsored National Seminar on “Engineering Design, Analysis and Testing of Composite Materials” held at Hindustan College of Engineering and Technology, Coimbatore	11.02.10 to 12.02.10
3	Vibration damping amixtures	National Conference on Emerging Trends in Civil Engineering” held at K.S.R.College of Engineering, Tiruchengode	23.02.2010
4	Self Sensing Smart Concrete	National level CSIR sponsored workshop on “Utilization of Smart Materials in Construction Industry” held at Kongu Engineering College.	12.03.2010
5	Multifunctional Cement based Materials	National level CSIR sponsored workshop on “Utilization of Smart Materials in Construction Industry” held at Kongu Engineering College.	12.03.2010
6	Cement – Graphite Composites for Electromagnetic Shielding	National Conference on “Contemporary Challenges & Pioneering Technologies in Civil Engineering” held at K.S.R College of Engineering, Tiruchengode	17.05.10 to 18.05.10
7	Fibrous Concrete using Rural Materials	National Workshop on Application of Recycled Fibres in Concrete held at Adhiyaman College of Engineering, Hosur	25.01.2011
8	Eco-friendly Building Materials for Low Carbon Footprint	MNRE Sponsored Seminar on Impact of Green Technology on Global Environment held at Kongu Engineering College	28.01.2011
9	Challenges in Civil Engineering	National Level Technical Symposium – K.S.R College of Technology, Tiruchengode	20.09.2011
10	Design Guidelines for Tsunamic Evacuation Shelters – Review	National Level Seminar on Tsunami Resistant Structures and its Design in Steel and Concrete held AT KRISHNA	29.12.2011

11	Cost Effective Materials and Techniques for Low Cost Housing	National Seminar on Cost Effective Techniques in Building Construction held at Kongu Engineering College	16.06.2012
12	Role of Civil Engineers in CO ₂ Emission Reduction	Inauguration of Civil Engineering Association (NIRMAAN) at Jay Shriram Group of Institution, Tirupur	31.07.2012

11. Industry Relations (Testing and Consultancy)

Sl. No	Title and Nature of the Consultancy	Amount generated
1	Through Soil Mechanics Laboratory	Rs. 8,50,000-
2	Through Strength of Materials & Concrete Laboratory	Rs. 2,15,800-
3	Design of RCC residential buildings, Sewage Treatment Plants, own institution buildings	Rs. 1,50,000-
4	NDT Testing on Concrete Structures and Suggestions for repair and rehabilitation works	Rs.1,20,000-

12. Patent Information

Application No.	Date of Filing	Patent No. if awarded	Patentee	Invention Title
US 12/624,979	24.11.2009	Filed	Deborah Duen Ling Chung & Sivaraja Muthusamy	Cement-Based Material Exhibiting Outstanding Vibration Damping Ability

13. Editor

- Editorial Team Member of “International Journal of Applied Engineering and Technology”
- Editorial Team Member of “International Journal of Basic and Applied Chemical Sciences”

14. Advisory Board Member

- Advisory Board Member of “International Seminar on Concrete Technology” organized by Adhiparasakthi Engineering College, Melmaruvathur held during Jan 2012
- Advisory Board Member of “National Conference on Innovations in Civil Engineering” organizing by M.P.N.M.J Engineering College, Erode to be held during March 2012

15. Publications

Sl. No	Title	Journal / Conference Name	International / National	Month and Year	Co-Authors
<i>Journal Papers</i>					
1	Characterization of Concrete Composites for Energy Absorption	Journal of Reinforced Plastics and Composites	International Journal	2008, Vol.27, No.2, pp.135-144	Dr.S.Kandasamy
2	Reinforced Concrete Beams with Rural Composites under Cyclic Loading’	Journal of Engineering and Applied Sciences	International Journal	2007, Vol. 2 No. 11 pp.1620-1626.	Dr.S.Kandasamy
3	Seismic Behaviour of Exterior Beam-Column Joint with Fibre Composites	New Building Materials and Construction World	National Journal	2008 Vol.14, Issue 5, pp.295-300	Dr.S.Kandasamy A.Thirumurugan
4	Characterization of Natural Fibre Composites for Infra-Structural Application	International Journal of Materials and Processing Technologies	International Journal	2009 Vol.36 – Issue ½/3/4	Dr.S.Kandasamy
5	Seismic Behaviour of Brick and Hollow Block Masonry Walls With Fibre Composites	Emerging Journal Of Engineering, Science and Technology	National Journal	2009 Vol. 2, No.3, pp.48-57	-

6	Unprecedented Vibration Damping with High Values of Loss Modulus and Loss Tangent, Exhibited by Cement – Matrix Graphite Network Composites	Carbon	International Journal (Elsevier) <i>Impact Factor: 4.5</i>	2010 Vol.48, pp1457 – 1464	Shoukai Wang and D.D.L Chung
7	Self Compacting Concrete under Elevated Temperature	International Journal of Engineering Research and Industrial Applications	International Journal	2010 Vol.3, No. II pp 295-311	-
8	Development of Bio-Composite Sandwich Concrete Panels for Low Cost Housing	Journal of Wood and Fibre Science	International Journal		R.Saravanan
9	Finite Element Analysis and Damage Indices for Flexural Behaviour of Rural Concrete Composites	Journal of Reinforced Plastics and Composites	International Journal	August 2010 29: 2534-2546	<u>S.Kandasamy</u>
10	Studies on Workability And Air content of Normal Strength Concrete With Rural Fibrous Materials	International Journal of Applied Engineering Research	International Journal	Vol. 5, No. 19 2010 pp. 3273–3284	<u>S.Kandasamy</u> & A.Thirumurugan
11	New Trend of scheduling in Linear Construction Project	International Journal of Engineering studies	International Journal	Accepted	J.Senthil
12	Study on Durability of Natural Fibre Composites using Mechanical Strength and Micro-structural Properties	Bulletin of Material Science	International Journal	Vol 33 No. 6 Dec 2010 pp 719-729	S.Kandasamy
13	Effect of Silica Fume Surface Treatment of Natural Fibres on Concrete in Resisting Chloride Attack	Material Science Research India	International Journal	Vol 7, No. 1 June 2010, pp 209-214	S.Kandasamy & M.Sudhakaran Pillai
14	Mechanical Strength Properties of Fibrous Concrete with Waste Rural Materials	Journal of Scientific and Industrial Research	National Journal	Vol 69, April 2010 Pp 308-312	S.Kandasamy A.Thirumurugan

15	Potential reuse of waste rice husk as fibre Composites in concrete	Asian journal of Civil Engineering (Building and Housing)	International Journal	Vol 12, NO. 2 2011 Pp 205-217	S.Kandasamy
16	Carbon Fiber Cement-Based Materials for Electromagnetic Interference Shielding	ACI Materials Journal	International Journal	V. 107, No. 6, November-December 2010	Dr.D.D.L.Chung
17	Performance Enhancement of Concrete Structures using Natural Fibre Composites	European Journal of Scientific Research	International Journal	Vol. 80, No.3, 2012, pp-397-405	J.Poornima
18	Ductile Behaviour of RC Beam with Steel Fibres under Cyclic Loading	International Journal of Civil Engineering Research	International Journal	Vol3, No.2, 2012, pp.129-136	--
19	Durability Studies on Coir Reinforced Bio-Composite Concrete Panel	European Journal of Scientific Research	International Journal	Vol.81, No.2, 2012, pp.220-230	R.Saravanan
20	Characterization of Coir Fibres used as Reinforcement under Compressive Loading	CiiT International Journals	International Journal	Accepted	R.Saravanan
21	Rural Fibre Composites in Enhancing Energy Absorption Capacity of Beam-Column Joints under Static and cyclic Loading	Iranian Journal of Science and Technology	International Journal	Submitted	M.Vadivel, M.Sukumar, S.Kandasamy
22	Effect of Addition of Admixtures on Strength and Durability Properties of Reactive Powder Concrete	International Journal of Engineering	International Journal	Accepted	D.Ambika

23	Compressive Strength Prediction of Concrete based on ANN using NDT Technique	International Journal of Applied Engineering and Technology	International Journal	Accepted	--
24	Behaviour of Hybrid Fibre Reinforced Concrete From Industrial Waste under Static and Cyclic Loading	KSCE Journal of Civil Engineering	International Journal	Accepted	A.Thirumurugan
25	Strength and Fracture Properties of Hybrid Fibre Reinforced Concrete	Iranian Journal of Science and Technology	International Journal	Accepted	A.Thirumurugan
26	Workability and Strength Properties of Hybrid Fibre Reinforced Concrete from Industrial Waste	Asian Journal of Civil Engineering	International Journal	Accepted	A.Thirumurugan
27	Bacterial Mineral Precipitation to to enhance serviceability of concrete	Biosciences, Biotechnology Research Asia	International Journal	Vol 9 No.2 & Page 789 – 794 Dec.2012	G.S.Rampradheep
28	Flexural behavior of RCC beams reinforced with pet bottle waste fibres	Transactions on Engineering and sciences	National Journal	Vol. 1 No.4 & Page 84-89 Nov.2013	A.R.Krishnaraja
Conference Papers					

29	Microbial Concrete to Enhance Serviceability of Concrete Structures with Self Curing Agent	IIT Delhi	International Conference	Accepted	G.S.Ram Pradheep
30	Properties of Microbial Concrete with Self Curing Agent	IIT Guwahathi	International Conference	Accepted	G.S.Ram Pradheep
31	Study and Development of the Properties of Nano-Concrete	International Conference on Advances in Construction, Manufacturing and Automation Research held at Kongu Engineering College	International Conference	30-31, March 2012	M.M.Saravanan
32	Fibre Reinforced Self Compacting Self Curing Light Weight Concrete	SACT 2012	International Workshop	07 th and 08 th May 2012	G.S.Ram Pradheep
33	An Experimental Investigation on Durability Properties of Concrete with Internal Curing Agents	SCACT 2012	International Conference	02 nd to 04 th May 2012	G.S.Ram Pradheep
34	Electricity Generation from Cement matrix incorporated with Self Curing Agent	ICAESM 2012	International Conference	30 th and 31 st March 2012	G.S.Ram Pradheep

35	Electricity Generation from Cement matrix incorporated with Self Curing Agent	Paper Published in IEEE XPLORE on 14 th June 2012			G.S.Ram Pradheep
36	An Experimental Investigation on Coir Fibre Reinforced Concrete Panels	International Conference on Advances in Construction, Manufacturing and Automation Research held at Kongu Engineering College	International Conference	30-31, March 2012	R.Saravanan
37	Characterization of Coir fibres used as Reinforcement Under Compressive Loading	International Conference on Advances In Engineering And Technology, ICAET-2012, E.G.S. Pillay Engineering College, Nagapattinam, India	International Conference	2012	R.Saravanan
38	Development and Structural properties of Bio-composite sandwich concrete panels under flexural and compressive loading	2nd International Conference on Advances in Mechanical, Manufacturing and Building Sciences, ICAMB-2012. In Association with State University of New York, USA and Queensland University of Technology, Australia	International Conference	2012	Saravanan. R
39	Strength and Fracture Properties of Hybrid Fibre Reinforced Concrete	International Conference on Advances in Construction, Manufacturing and Automation Research held at Kongu Engineering College	International Conference	30-31, March 2012	A.thirumurugan

40	Structural Properties of Bio-Composite Concrete Panels under Flexural and Compressive Loading	Civil, Structural and Environmental Engineering, K.S.R.College of Engineering, Tiruchengode	International Conference	Feb 18 & 19, 2011	Saravanan, R.
41	Experimental Investigation on RCC Short Hollow Rectangular Columns with Mineral Admixtures	Civil, Structural and Environmental Engineering, K.S.R.College of Engineering, Tiruchengode	International Conference	Feb 18 & 19, 2011	Thirumoorthy, S.
42	Strength and Fracture Properties of Hybrid Fibre Reinforced Concrete from Industrial Waste	Innovative World of Structural Engineering	International Conference	2010	S.Deepak
43	Graphite-cement interpenetrating network composite exhibiting high electrical conductivity	First Asian Carbon Conference	International Conference	2009	Dr.Showkai Wang & Dr.D.D.L.Chung
44	Coir Fibre Reinforced Bio-Composite Concrete Panels for Low Cost Housing	Natural Fibres'09	International Conference	2009	R.Saravanan
45	Mechanical and Micro Structural Characterization of Rice Husk Based Fibre Reinforced Composite Concrete	First Joint Canadian & American Technical Conference	International Conference	2009	Dr.S.Kandasamy
46	Materials for Electromagnetic Interference Shielding	Protecting America against permanent continental shut down from electromagnetic pulse	International Conference	2009	Dr.D.D.L.Chung
47	Shear strength and flexural characteristics of nylon fiber reinforced concrete	6 th Structural convention SEC 2008	International Convention	2008	Dr.S.Kandasamy

48	Performance enhancement of RC frames under cyclic loading using rural fibre composites	Recent Trends in Civil Engineering	National Conference	2008	Dr.S.Kandasamy
49	Shear Strength and Finite Element Analysis of Fibre Reinforced Concrete with Rural Materials	Structural Engineering Convention	International Symposium	2008	A.Thirumurugan
50	Analytical Modeling for Concrete Composites in Earthquake Resistant Structures	International Conference on Multiscale Modeling and Simulation, IISc Bangalore, India	International Conference	2008	Dr.S.Kandasamy
51	Application of Rural Materials as Fibre Composites in Multistorey framed Structures	7 th RILEM International Symposium on Fibre Reinforced Concrete: Design and Applications, IITM Chennai	International Symposium	2008	Dr.S.Kandasamy
52	Characterization of Concrete Composites with Local Materials under Cyclic Loading	International Conference on Composite Materials, Durban, South Africa	International Conference	2007	Dr.S.Kandasamy
53	Modeling Aspects in Fibre Reinforced Composite Concrete	International Conference on Modelling and Optimization of Structures, Processes and Systems, Durban, South Africa	International Conference	2007	Dr.S.Kandasamy
54	Ductility Enhancement of Concrete Beams with Rural Composites	International Conference on Recent Developments in Structural Engineering, MIT Manipal	International Conference	2007	Dr.S.Kandasamy
55	'Characterization of Natural Fibre Composites for Infra-Structural Application	International Conference on Innovative Natural Fibre Composites for Infra-Structural Applications, Rome, Italy	International Conference	2007	Dr.S.Kandasamy
56	Influence of Coarse aggregate size on Compressive Strength	National Conference on Advances in Building Materials, Equipment & Construction Technologies	National Conference	2003	Mr.A.Arivoli

57	Rain Water Harvesting – A state of Art	National Seminar on Recent Advances in Water Resources Planning and Management	National Conference	2003	Dr.S.S.Salimath
58	Solid Waste Management in Metropolis	National Symposium on Recent Trends in Industrial Waste Management for Sustainable Development	National Conference	2004	Dr.S.S.Salimath
59	New Trend Scheduling in Linear Construction Project	National Conference for Research Scholars on Applications of Emerging Technologies	National Conference	2005	Mr.J.Senthil
60	Seismic Behaviour of Steel Fibre Reinforced Concrete Beam under Cyclic Loading'	National Conference on Advances in Materials and Mechanics of Concrete Structures at Indian Institute of Technology Madras	National Conference	2005	Dr.G.S.Thirugnam E.K.Mohanraj
61	Post Ultimate Behaviour of SFRC Beams under Cyclic Loading	National Conference on Earthquake Disaster: Technology and Management, at Motilal Nehru Institute of Technology, Allahabad	National Conference	2006	Dr.S.Kandasamy
62	Effect of Polluted Orathupalayam Dam Water on Properties of Concrete	National Conference on Innovative Technologies in Civil Engineering at Coimbatore Institute of Technology, Coimbatore	National Conference	2006	Dr.S.S.Salimath
63	Mechanical Properties of Synthetic Fibre Concrete	National Conference on Innovative Technologies in Civil Engineering at Coimbatore Institute of Technology, Coimbatore	National Conference	2006	Dr.S.Kandasamy
64	Ductile Behaviour of RC Beam with Steel Fibres under Cyclic Loading	National Conference on Disaster Management and Mitigation, at Mahendra Engineering College	National Conference	2006	Dr.S.Kandasamy

65	Green Building Concept in Construction Industry'	National Conference on Front Lines Areas in Civil Engineering, at V.L.B Janakiammal College of Engineering, Coimbatore	National Conference	2006	Dr.S.S.Salimath
66	Designing Consultative Arrangements to Enhance Work Place Safety'	National Conference for Research Scholars on Applications of Emerging Technologies, at Adhiyaman College of Engineering, Hosur,	National Conference	2006	K.Thirumalairaja
67	Hazard Management Tool for Construction Safety	National Conference on 'Recent Trends in Concrete Composites for Structural Systems' at Kongu Engineering College, Perundurai	National Conference	2006	K.Thirumalairaja
68	How to prevent Collapse of Buildings due to Fire'	National Conference on 'Recent Trends in Concrete Composites for Structural Systems' at Kongu Engineering College, Perundurai	National Conference	2006	S.Anandakumar E.K.Mohanraj
69	Effect of partial replacement of flyash brickbats – crusher powder in concrete'	National Conference on Applications of Recycled & Marginal Materials in Construction, M.S.Ramaiah Institute of Technology, Bangalore	National Conference	2006	A.Arivoli
70	Sesimic Behaviour of Synthetic Fibre Reinforced Concrete'	National Conference on Civil Engineering: Meeting the Challenges of Tomorrow, Guru Nanak Dev Engineering College, Ludhiana, Punjab	National Conference	2006	Dr.S.Kandasamy

71	Studies on Properties of Composite Concrete with Rural Fibres'	National Conference on Extreme Engineering and Technological Advancements, Jayam College of Engineering andf Technology, Dharmapuri,	National Conference	2007	A.Thirumurugan Dr.S.Kandasamy
72	Studies on Mechanical Properties of Composite Concrete with Rural Fibres”	National Conference on Recent Advances in Structural Engineering, Government College of Engineering, Salem	National Conference	2007	A.Thirumurugan S.Kandasamy
73	Strength Prediction of Concrete Composites with Rural Materials	2 nd National Conference on 'Recent Trends in Concrete Composites for Structural Systems' at Kongu Engineering College, Perundurai	National Conference	2007	A.Thirumurugan S.Kandasamy
74	Mechanical Strength Properties of Concrete with Refractory Brick Concrete as Coarse Aggregate'	2 nd National Conference on 'Recent Trends in Concrete Composites for Structural Systems'	National Conference	2007	Arun M.Suganya
75	Mechanical Properties of Natural Fibre Reinforced Concrete Composites	Natioanl Conference on Modern Trends in Concrete and Construction Technology, at Adhiparasakthi Engineering College	National Conference	2008	A.Thirumurugan S.Kandasamy
76	Flexural Characterization of Concrete Composites using Finite Element Modeling'	National Conference on Innovative Materials & Methodologies for Disaster Resistant Structures	National Conference	2008	S.Kandasamy

77	Seismic Behaviour of Brick and Hollow Block Masonry Walls with Fibre Composites	3 rd National Conference on Recent Trends in Concrete Composites for Structural Systems	National Conference	2009	S.Kandasamy M.R.Loganathan
78	Critical Path Scheduling under Resource Calendar Constraints and Time Trade Off	3 rd National Conference on Recent Trends in Concrete Composites for Structural Systems	National Conference	2009	E.J.Mohamed Ebrahim
79	Study on Safety Practices in Construction Industry	Emerging Trends in Civil Engineering (NCETCE – 10)	National Conference	23 rd Feb' 2010	P.Anbuselvi
80	Multi-Project Scheduling	Emerging Trends in Civil Engineering (NCETCE – 10)	National Conference	23 rd Feb' 2010	G.Silambarasan
81	Resource Constrained Multi Project Scheduling for Construction Project	Modern Trends in Civil Engineering	National Conference	25 th March 2010	G.Silambarasan
82	An Investigation of Management Commitment to Construction Safety	Innovative Construction Materials & Modern Techniques in Civil Engineering". (ICMMTCE'10), K.S.Rangasamy College of Technology, Thiruchengode	National Conference	26 th March 2010	P.Anbuselvi
83	Bio-Composite Sandwich Concrete Slab Panels under Flexural Loading	Recent Trends in Civil Engineering (NCRTC 2KX), Erode Segunthar Engineering College, Erode	National Conference	08 th April 2010	R.Saravanan
84	Durability Studies on High Strength Concrete with Sugarcane Baggase Ash as Pozzolana Material	Recent Trends in Civil Engineering (NCRTC 2KX), Erode Segunthar Engineering College, Erode	National Conference	08 th April 2010	K.S.Subramania n

85	FRP Strengthened corrosion Damaged RC Beams under Flexure	Recent Trends in Civil Engineering (NCRTC 2KX), Erode Segunthar Engineering College, Erode	National Conference	08 th April 2010	S.Thirumoorthy
86	Mechanical Properties of Textile Fabric Reinforced Concrete	Recent Trends in Civil Engineering (NCRTC 2KX), Erode Segunthar Engineering College, Erode	National Conference	08 th April 2010	A.Thirumurugan
87	Study on Concrete using Textile Fibres	NCRAET-2010 at SSM College of Engineering, Komarapalayam	National Conference	April 2010	A.Thirumurugan
88	Experimental Investigation on RCC Short Hollow Circular Columns with Mineral Admixtures	Advancements in Concrete Technology	National Conference	23 rd & 24 th September 2010	S.Thirumoorthy
89	Fibre Reinforced Self Compacting Self Curing Concrete	Innovations in Civil Engineering	National Conference	26 th March, 2011	K.Chandrasekar G.S.Rampradheep
90	Effect of Mineral Admixtures on Strength , Structural and Durability of Reactive Powder Concrete	Innovations in Civil Engineering	National Conference	26 th March, 2011	S.Satheesh kumar
91	Utilization of Textile Fibres in Concrete	NCRAET-2011 at SSM College of Engineering, Komarapalayam	National Conference	March 2011	A.Thirumurugan
92	Strength and Fracture Properties of Hybrid Fibre Reinforced Concrete	Recent Trends in Civil Engineering held at King College of Engineering, Pudukottai	National Conference	16 th March 2012	A.Thirumurugan

93	Studies on Fibre Reinforced Self Compacting Self Curing Concrete	NIMMBS'11	National Conference	29 th and 30 th March 2012	K.Chandrasekar G.S.Rampradheep
94	An Experimental investigation on the properties of concrete with Internal curing agent	PSG Tech., Kovai	International Conference	2 nd to 4 th May 2012	G.S.Rampradheep
95	Fibre Reinforced Self-Compacting Self-Curing Light weight Concrete	NIT, Calicut	International Workshop	7 th and 8 th May 2012	G.S.Rampradheep
96	Electricity Generation from cement matrix incorporated with self-curing Agent	EGS Pillay Engg. College, Nagapattinam	International Conference	14 th June 2012	G.S.Rampradheep
97	Crack Healing Ability of Bacterial Concrete using Bacillus Subtilis	IIT, Delhi	International Conference	5 th to 8 th Dec. 2012	G.S.Rampradheep
98	An Experimental Investigation on the properties of Eco-friendly self-curing green concrete	International conference on Green technology in Engineering and Applied sciences, Adhiparasakthi Engineering college, Melmaruvathur	International Conference	29 th & 30 th March 2013	G.S.Rampradheep
99	Development of Hybrid fibre reinforced green concrete using industrial waste materials	International conference on Green technology in Engineering and Applied sciences, Adhiparasakthi Engineering college, Melmaruvathur	International Conference	29 th & 30 th March 2013	A.Thirumurugan
100	Effect of addition of admixtures on strength durability properties of GGBS based reactive powder green concrete	International conference on Green technology in Engineering and Applied sciences, Adhiparasakthi Engineering college, Melmaruvathur	International Conference	29 th & 30 th March 2013	D.Ambika

101	Rehabilitation of concrete structures using Eco-friendly natural fibre reinforced green composites	International conference on Green technology in Engineering and Applied sciences, Adhiparasakthi Engineering college, Melmaruvathur	International Conference	29 th & 30 th March 2013	J.Poornima
102	Experimental study of mechanical properties of reinforced concrete elements externally wrapped with jute fibre reinforced epoxy composites	National conference on Innovations in Mechanical, Mechatronics and Building Sciences(NCMMBS-2014)	National Conference	7 th March 2014	J.Poornima
103	Artificial Neural Network for evaluating the compressive Strength of Self-compacting Self-curing concrete	National conference on Innovations in Mechanical, Mechatronics and Building Sciences(NCMMBS-2014)	National Conference	7 th March 2014	G.S.Rampradheep

16. Professional Training Attended

Sl. No	Period		Name of the training Programme	Organized by
	From	To		
1	05.05.03	09.05.03	One week Industrial Training on Design of Modern Concrete & Steel Structures using CAD Software” at Bharat Heavy Electricals (BHEL), Ranipet, Vellore	BHEL, Ranipet
2	01.06.07	08.06.07	One week Faculty Inplant Training Programme on Design and Construction Aspects of Over Bridge at Omalur Site	S.R.C Constructions, Salem
3	22.07.07	31.07.07	Enhancement of Engineering Education through E-Learning	Kongu Engineering College
4	23.03.10	24.03.10	Low cost construction procedures and techniques	M/s.Ultra Tech Cements Ltd

17. Reviewer

Sl. No	Name of the Journals / Conferences and Agency	Period
1	American Concrete Institute (ACI) – Materials Journal	Reviewed one paper during 2008
2	International Journal of Structural Stability and Dynamics (IJSSD)	Reviewed one paper during 2008
3	Scientific Committee Member for the 2 nd International Conference on “Innovative Natural Fibre Composites for Infra-structural Applications”, to be held at Rome, Italy during 2009.	April 2009
4	Carbon	March 2010
5	Journal of materials in Civil Engineering	August 2010
6	Scientific Research and ESSAYA	Jan 2011
7	Industrial and Engineering Chemistry	March 2011
8	Bio-System Engineering	April 2011
9	Journal of Petroleum and Gas	July 2011
10	African Journal of Food Sciences	September 2011
11	Journal of Scientific and Industrial Research	July 2012

18. Summer Schools / Seminars/Workshops Attended

Sl. No	Period		Summer schools / Workshops / Seminars / Symposium etc.,	Topic / Title	Organized by
	From	To			
1	01.10.04	02.10.04	Workshop	Earthquake Engineering and Design	Kongu Engineering College
2	28.11.04	11.12.04	STTP	Hazardous Waste Management and Pollution Control	Kongu Engineering College

3	16.02.05	-	Seminar	Smart Materials	Rajesh Equipments, Chennai
4	20.08.05	-	Workshop	Repair and Rehabilitation of Structures	Adhiparasakthi Engineering College
5	25.09.05	27.05.05	Workshop	Design of RCC Framed Buildings for Earthquake Resistant and Retrofitting of Structures	IRTT, Erode
6	09.12.05	-	Workshop	Disaster Management	CIT, Coimbatore
7	13.12.05	-	Mini Symposium	Developments of High Performance Cement and Fibre Reinforced Composites	IISc., Bangalore
8	14.12.05	16.12.05	International Symposium	Structural Engineering Convention	IISc., Bangalore`
9	21.04.06	22.04.06	National Conference	Concrete Technology for the Future	Kongu Engineering College
10	04.01.06	06.01.06	International Conference	INCRUIS 2K6	Kongu Engineering College
11	18.08.06	19.08.06	National Seminar	Mathematical Modeling and Computer Simulation	Kongu Engineering College
12	02.08.07	-	Workshop	Disaster Management	Adhiparasakthi Engineering College
13	16.08.07	17.08.07	National Seminar	Recycling and Reuse of Waste Materials in Concrete	Kongu Engineering College
14	06.09.07	07.09.07	National Seminar	Self Compacting Concrete	Kongu Engineering College
15	14.08.08	-	National Workshop	"Design of R.C.C on steel structures using STRAP software"	Kongu Engineering College
16	29.08.08	30.08.08	National seminar	Eco-friendly Engineered Concrete	Kongu Engineering College
17	17.09.08	19.09.08	International Symposium	7 th RILEM International Symposium on "Fibre Reinforced concrete: Design and Applications"	IITM, Chennai
18	04.10.08	-	National Seminar	Durability aspects of Modern Structural Concrete	Kongu Engineering College

19	06.10.08	-	National seminar	Project planning & Management using Primavera	Kongu Engineering College
20	18.12.08	20.12.08	International Conference	6 th Structural convention SEC 2008	Structural Engineering Research Centre,
21	07.01.09	-	National Workshop	Concrete Mix Design	Kongu Engineering College
22	27.01.09	-	National Seminar	Nano Technology for site remediation and waste water treatment	Kongu Engineering College
23	29.01.09	30.01.09	National Conference	Technology Applications for sustainable Development	Kongu Engineering College
24	22.07.09	-	Seminar	Determination of Interface Strength of Bi-material Joints	University at Buffalo, The State University of New York, USA
25	07.07.09	-	International Workshop	Electromagnetic Pulse	Elma, New York, USA
26	08.08.09	10.08.09	International Conference	Protecting America against permanent continental shut down from electromagnetic pulse	Niagara Falls, New York, USA
27	11.08.09	-	Seminar	25 Years Research on Self-Propagating-Synthesis in ISCPM	University at Buffalo, The State University of New York, USA
28	15.09.09	17.09.09	International Conference	Composite Materials	University of Delaware, Newark, DE, USA
29	16.10.09	-	Seminar	High Temperature Wetting in Metal Systems: Insights from Atomic Simulations	University at Buffalo, The State University of New York, USA
30	22.01.2010	-	National Seminar	Project Planning & Management	Kongu Engineering College
31	11.03.2010	12.03.2010	Workshop	Utilisation of Smart Materials in Construction Industry	Kongu Engineering College

19. Refresher Course / Orientation Course Attended

Sl. No	Period		Topic / Title	Organized by
	From	To		
1	August 2003		Pedagogical Training and Orientation Programme	Kongu Engineering College
2	24.11.03	29.11.2003	Finite Element Modeling	Kongu Engineering College
3	December 2003		Pedagogical Training and Orientation Programme	Kongu Engineering College
4	31.05.04	05.06.04	Principles of Environmental Science & Engineering	Kongu Engineering College
5	15.06.06	16.06.06	Remote Sensing, GIS & GPS Applications in Civil Engineering	Kongu Engineering College
6	25.06.07	27.06.07	Refresher Course on Dynamics and Aseismic Design	Kongu Engineering College
7	22.05.09		Laboratory Safety Training Program	University at Buffalo, The State University of New York, USA