


CURRICULUM VITAE

PERSONAL

Name	: Dr.R. ILANGO VAN	
Address	: Professor in Civil Engineering, University College of Engineering , Panruti, 607106-Tamilnadu.,	
Email	ilango1968@gmail.com	
Age & Date of Birth	49, 23-07-1968	
Marital Status	:Married	

EDUCATION:

a) Engineering

- Doctor of Philosophy in Civil Engineering, Anna University (CEG), Chennai - 2008.
- Master of Engineering - Structural Engineering, Bharathidasan University (NIT), Tiruchirappalli 1998.
- Bachelor of Engineering - Civil Engineering, Madurai Kamaraj University (TCE), Madurai, 1995.

b) Management

- Master of Philosophy in Management – Project Management, Madurai Kamaraj University, Madurai, 2015.
- Master of Business Administration – Education Management, Alagappa University, Karaikudi, 2012.

POSITIONS HELD:

1) ACADEMIC (20 Years Teaching Experience)

- Professor in Civil Engineering, University College of Engineering, Anna University, November 2016 to till date .(Rs.37400-67000+AGP 10000 6th Pay).
- Associate Professor in Civil Engineering, University College of Engineering ,Dindigul Anna University, July 2014 to October 2016.(Rs.37400-67000+AGP 9000 6th Pay)
- Associate Professor in Civil Engineering, Anna University, Tiruchirappalli, September 2009 to June 2014. .(Rs.37400-67000+AGP 9000 6th Pay)
- Senior Lecturer in Civil Engineering, Anna University, Tiruchirappalli September 2008 to August 2009.(10000-325-15200 5th Pay)
- Assistant Professor in Civil Engineering, PSNA College of Engineering, Dindigul January 2008 to August 2008 (12000-420-18300 5th Pay)
- Assistant Professor in Civil Engineering, NITTTR, Chennai, June 2005 to January 2006. (12000-420-18300 5th Pay)
- Assistant Professor in Civil Engineering, RVS Engineering College, Dindigul, January 2004 to May 2005 and January 2006 to December 2007. (12000-420-18300 5th Pay)
- Lecturer in Civil Engineering, RVS Engineering College, Dindigul, September 1995 to June 1997 and December 1998 to December 2003.(8000-275-13500 5th Pay)

2) ADMINISTRATIVE :(10 Years)

- Dean, i/c, University college of Engineering (Panruti campus), Panruti from October 2018 to till date.
- Head, i/c, Department of Civil Engineering, University college of Engineering (Dindigul campus), Dindigul from July 2014 to September 2018.
- Head, i/c, Department of Civil Engineering, Anna University; BIT campus, Tiruchirappalli from May 2011 to June2014.
- Head i/c PG Programme in Structural Engineering, BIT campus from September 2008 to June 2014
- Professor i/c Estate Office, BIT campus, Tiruchirappalli from March 2013 to June2014.
- Deputy Director, Office of the Student Affairs, Anna University – Regional Office, Tiruchirappalli – 620 024 from September 2012 to June 2014.
- Director, Centre for Student Affairs, Anna University, Tiruchirappalli, from September 2010 to May 2012.
- Deputy Director, Centre for Research, Anna University Tiruchirappalli from April 2010 to August 2010.
- Deputy Controller of Examination, Anna University, Tiruchirappalli from November 2008 to December 2009.

RESEARCH EXPERIENCE /PROJECT GUIDED:

Research Experience in the field of Concrete Technology, Disaster Management, Rehabilitation of Structures and Experimental Techniques and Instrumentation.

No. of Ph.D., completed - 04 & No. of Ph.D., Guidance Ongoing – 06

P G Project Guided – 32 & U G Project Guided – 54

CONSULTANCY AND RESEARCH PROJECTS: 75 lakhs consultancy Projects completed to Government of Tamilnadu.

AWARDS AND HONORS:

- UGC – JRF award in Engineering in the year 2001 from Govt. of India.
- TNSCST – Young Scientist Fellowship award in the year 2003 from Govt. of Tamil nadu.

PUBLICATIONS:

- Published 36 Papers in leading national and International Journals.

SEMINARS, CONFERENCES AND WORKSHOPS:

- Presented papers more than 40 National and International Conferences and Seminars.
- Organized 5 National and One International Level Conferences and Seminar.

INNOVATIONS AND CONTRIBUTIONS:

Written one Tamil Text Books as title of “ தரினம் விசையிடு ” for UG Civil Engineering Tamil Medium Students, Anna University Syllabus.

MEMBER IN UNIVERSITY ADMINISTRATION:

- Member, Board of Studies, Anna University, Chennai
- Member, Affiliation Committee Board, Anna University, Chennai & Tiruchirappalli.
- Member, Board of Studies, Alagappa Chettiar College of Engineering, Karaikudi.
- Member, Sports Board, Anna University, Tiruchirappalli.
- Member, Purchase and Tender Committee, Anna University Chennai & Tiruchirappalli.

MEMBERSHIP IN PROFESSIONAL BODIES:

Fellow, Institution of Engineers (India), Calcutta.
Fellow, Institution of Valuers (India), New Delhi.
Member, Institution of Civil Engineers (India), New Delhi.
Member, Indian Society for Technical Education, New Delhi.

LIST OF PUBLICATION 2006 to 2017

International Journals (28)

- 1) Shanmuganathan D, and Ilangovan R, “ Experimental investigation on influence of aspect ratio of steel fibred in cement concrete”, International Journal of Advanced Engineering Research and Technology (IJAERT) Volume 4 Issue 5, May 2016, ISSN No.: 2348 – 8190
- 2) Kavipriya .S & .R.Ilangovan, “Response towards the influence of acid on modified geopolymer concrete” International Journal of Advanced Engineering Technology E-ISSN 0976-3945, Int J Adv Engg Tech/Vol. VII/Issue II/April-June,2016/193-195
- 3) Kavipriya .S & R.Ilangovan, “Comparative Evaluation on the Mechanical Properties of Cement Concrete and GPC Incorporated with Polymeric Fibre” Asian Journal of Research in Social Sciences and Humanities Vol. 6, No. 8, August 2016, pp. 829-837.ISSN 2249-7315
- 4) B. Venkatesan, R. Ilangovan, P. Jayabalan, N. Mahendran, N. Sakthieswaran, “Finite Element Analysis (FEA) for the Beam-Column Joint Subjected to Cyclic Loading Was performed Using ANSYS” Circuits and Systems, , June 2016 , 7, 1581-1597 .
- 5) R.Ilangovan, K.Binith Muthukrishnan, M.Valan Rajkumar, and A.Velanganni Joseph, “Factors affecting Cost Performance due to Construction Delays in Projects at Dindigul and Madurai Districts”, European Academic Research Journal, ISSN 2286-4822, ISSN-L 2286-4822, Volume IV, Issue-II, Pages 971-988, May 2016. Impact Factor: 3.4546 (UIF), DRJI Value: 5.9 (B+)
- 6) R.Ilangovan, K.Binith Muthukrishnan, M.Valan Rajkumar, and A.Velanganni Joseph, “A Study and Analysis of Delays in Construction Projects in Dindigul and Madurai District”, Tactful Management Research Journal, ISSN 2319-7935 (Print), ISSN 2319-7943 (Online), Volume IV, Issue-VIII, Pages 1-9, May 2016, Paper ID: 428. Impact Factor: 2.1632 (UIF)
- 7) M.Valan Rajkumar, T. Meharajan, and R.Ilangovan, “A Study on Occupational Stress among Teachers in Self Financing Engineering Colleges in Anna University-Region III”, European Academic Research Journal, ISSN 2286-4822, ISSN-L 2286-4822, Volume IV, Issue-I, Pages 868-889, April 2016.Impact Factor: 3.4546 (UIF), DRJI Value: 5.9 (B+)
- 8) M.Valan Rajkumar, T.Meharajan, and R.Ilangovan, “A Study on the Relationship between Job Satisfaction and Socio-Demographic Characteristics of Teaching Staff in Self Financing Engineering Colleges in Anna University-Region III”, International Journal of Multidisciplinary Research Review, ISSN 2395-1877 (Print), ISSN 2395-1885 (Online), Volume 1, Issue-4, Pages 31-38, April 2016. Impact Factor: 3.567

- 9) M.Valan Rajkumar, T.Meharajan, and R.Ilangovan, "A Study on the Relationship between Job Involvement and Demographic Characteristics of Teaching Staff in Self Financing Engineering Colleges in Anna University-Region III", *Indian Journal of Commerce & Management Studies*, ISSN 2249-0310, EISSN 2229-5674, Volume VII, Issue-2, Pages 49-55, May 2016. Impact Factor (GIF): 0.875
- 10) Viji, R., Rajesh Prasanna, P., and Ilangovan, R., "GIS Based SCS - CN Method For Estimating Runoff In Kundahpalam Watershed, Nilgiris District, Tamilnadu", *Earth Sci. Res. J.* Vol. 19, No. 1, pp.59- 64, 2015.
- 11) Viji, R., Ilangovan, R., and Rajesh Prasanna, P., "Green-Ampt runoff model for the ungauged Kundahpallam watershed, Nilgiris, Western ghats of India", *Int. J. of Applied Engg. Research*, ISSN. 0973-4562, Vol. 10, No.51, pp.35-45, 2015
- 12) Viji, R., Rajesh Prasanna, P., and Ilangovan, R., "Modified SCS-CN and Green-Ampt Methods in Surface Runoff Modelling for the Kundahpallam Watershed, Nilgiris, Western Ghats, India", *Aquatic Procedia*, Vol.4, pp. 677 – 684, 2015.
- 13) Venkatachalapathy.V. and Ilangovan R (2015) An Experimental Investigation of the stresses Distribution In Reinforced concrete Deep Beams, *International Journal of applied Engineering Research* vol 10 no 5: pp 12825-12841, 2015.(Annexure 2)
- 14) Venkatachalapathy.V. and Ilangovan R (2015)Behaviour and Ultimate strength of reinforced concrete Deep beam with opening under Induced shear load. *International Journal of Earth sciences* vol 08 No 04 P.P.1927-1934, August 2015 .(Annexure 2)
- 15) Arumugam K and Ilangovan R (2014) Studies and strength and behavior of concrete using pond ash as fine aggregate, *Research Journal of applied sciences, Engineering and Technology* vol no (11): 2266-2270, March 2014. .(Annexure 2)
- 16) Arumugam K and Ilangovan R (2014) Effective Utilization of pond ash as fine aggregate in cement concrete under flexure , *International Journal of Earth sciences* vol 07 No 02 P.P.738-743, April 2014 .(Annexure 2)
- 17) Arumugam K and Ilangovan R (2014) Use of Bottom ash as fine aggregate on strength properties *International Journal of pollution Research* vol No 33(1) P.P.61-64, April 2014 .(Annexure 2)
- 18) Meenakshi Sudarvizhi and Ilangovan R. S (2013) An Experimental investigation on Mechanical Properties of concrete using Industry waste, *International Journal of Earth sciences* vol 06 No 02(01) P.P. 118-122, April 2013 .(Annexure 2)
- 19) Venkatesan.B and Ilangovan R (2013) Structural performance of Beam column joints retrofitted with cementations laminates , *International Journal of Earth sciences* vol 06 No 02(01) April 2013.(Annexure 2)
- 20) Meenakshi Sudarvizhi and Ilangovan R. (2012) Utilization of Copper Slag and ferrous slag as partial replacement of fine aggreage in Cement Concrete. *Journal of Structural Engineering*, Vol.39, No.1. April –May 2012 pp 152-157. (Annexure 1)
- 21) Venkatachalapathy.V. and Ilangovan R. (2012), 'Experimental Evaluation for Strength of Steel Fibre Reinforced Concrete Deep Beams, *IOSR Journal of Engineering (10SRJEN)* 2250:3021 Vol.2 Issue 2, February 2012, pp 348-355.

- 22) Arumugam K , James Manokar D and .Ilangovan.R (2011) A study on characterization and use of Pond Ash as fine aggregate in Concrete International Journal of Civil and Structural Engineering,1(3)pp466-474Code:EIJCSE3038
- 23) Meenakshi Sudarvizhi and Ilangovan R. (2011) Performance of Copper slag and ferrous slag as partial replacement of sand in Concrete. International Journal of Civil and Structural Engineering,pp918-927Code:EIJCSE2058,
- 24) Venkatachalapathy.V. and Ilangovan R. (2010) A Study on Steel Fiber Reinforced Concrete Deep Beams With and without Openings. International Journal of Civil and Structural Engineering, (3):509 – 517.
- 25) Raghunathan T and.Ilangovan. R (2010) Study on Strength of Concrete with ETP Sludge from Dyeing Industry. International Journal of Civil and Structural Engineering, 1(3): 379-389.
- 26) Kala. P , Vimala. S and .Ilangovan.R (2010) Critical appraisal on steel water tank design using recent and past I.S. Codes. International Journal of Civil and Structural Engineering, 1(3): 390-403.
- 27) Jayasankar. R , Mahendran.N and Ilangovan. R, (2010) Studies on concrete using fly ash, rice husk and egg shell powder. International Journal of Civil and Structural Engineering, 1(3):362-372.integrated publishing services.
- 28) Ilangovan. R, Mahendran. N and Nagamani. K (2008), ‘Strength and Durability properties of concrete containing quarry rock dust as fine aggregate’, ARPN International Journal, Vol. 3, No.5, pp. 20-26

National Journal (5)

- 1) Ilangovan. R and Mahendran.N. (2009), ‘Effect of Non prismatic members in Frames – An Analytical study’ Journal of the Indian national group of the International association for Bridge and Structural Engineering, The Bridge and Structural Engineer, Vol. 38, No. 4, pp. 9-23.
- 2) Ilangovan. R, Nagamani K and Gopal Samy P. (2007), ‘Recycling of quarry waste as alternative Material in concrete manufacturing’, Indian construction, Vol. 40, No. 2, pp. 7-12.
- 3) Ilangovan. R, Nagamani.K. and Ramamurthy K. (2007), ‘Strength and durability studies on concrete by using quarry rock dust as fine aggregate’, Journal of the Indian national group of the International association for Bridge and Structural Engineering, The Bridge and Structural Engineer, Vol. 37, No. 2, pp. 43-54
- 4) Ilangovan. R, Nagamani.K.and Kumarasamy.K. (2006),‘Studies on strength and behavior of concrete by using crusher rock dust as fine aggregate’, Civil Engineering and Construction Review Journal, Vol.19, No. 10, pp. 40-42.
- 5) Ilangovan. R and Nagamani K. (2006), ‘Application of quarry rock dust as fine aggregate in concrete construction’, NICMAR - Journal of Construction Management Vol. XXI, No. IV, pp. 5-13.

International and national conference for the period 2006 to 2016 (20)

- 1) Ilangovan, M.Valan Rajkumar, A.Velanganni joseph, “A Study on Causes and Effects of Delays in Construction Projects at Dindigul and Madurai Districts”, International Conference on Promoting Entrepreneurship in Innovative Construction Techniques (PEICT’16) – Anna University Regional Campus Madurai-Entrepreneurship Development Cell & Dept. of Civil Engineering in association with Good Earth Nepal on October 2016, Paper ID: MG 02, ISBN No. 978-8-1930-2343-3 (Print), (Page):17-27.
- 2) Valan Rajkumar, R.Ilangovan, A.Velanganni joseph, “A Study on Job Involvement, Occupational Stress and Job Satisfaction among Teachers in Self-financing Engineering Colleges in Anna University-Madurai Region”, International Conference on Promoting Entrepreneurship in Innovative Construction Techniques (PEICT’16) – Anna University Regional Campus Madurai-Entrepreneurship Development Cell & Dept. of Civil Engineering in association with Good Earth Nepal on October 2016, Paper ID: MG 25, ISBN No. 978-8-1930-2343-3 (Print), (Page):190-206.
- 3) Viji, R., Ilangovan, R., and Rajesh Prasanna, P., Green-ampt runoff model for the ungauged kundahpallam watershed, nilgiris, western ghats of india, International Conference on Advances in Materials and Mechanical Engineering, EGS Pillay Engineering college, Nagapatinum, ISBN No 9789384893231, 2015.
- 4) Viji, R., Rajesh Prasanna, P., and Ilangovan, R., “Modified SCS-CN and Green-Ampt Methods in Surface Runoff Modelling for the Kundahpallam Watershed, Nilgiris, Western Ghats, India”, Int. Conference on Water Resources, Coastal And Ocean Engineering, NIT, Suratkal, Karnataka, doi: 10.1016/j.aqpro.2015.02.087, 2015.
- 5) Vengatachalapathy and Ilangovan R and (2012) Experimental Evaluation of Shear Strength of Steel Fiber Reinforced Concrete Moderate Deep Beam with and without openings. International conference on Sustainability Challenges & Advances in Concrete Technology (SCACT 2012 – May 03&04), held at PSG College of Technology, Coimbatore 641 004.
- 6) Bharathi and Ilangovan R (2011) A case study on fly ash Based Geo Polymer Concrete - Two day national Conference on Recent Trends in Civil & Mechanical Engineering, Anna University of Technology, Tiruchirappalli – 620 024, PP 1 – 6 (April 2011)

- 7) Vengatachalapathy and Kayalvizhi and Ilangovan R, (20 11) Experimental study on Behavior of steel fiber Reinforced Deep Beams with fly ash ; Two day. national Conference on Recent Trends in Civil & Mechanical Engineering, Anna University of Technology, Tiruchirappalli – 620 024, PP 87 – 90 (April 2011)
- 8) Rajasekaran S and Ilangovan R and (2011) Feasibility study on Addition of Copper slag with cement in Ready Mixed Concrete, Two day national Conference on Recent Trends in Civil & Mechanical Engineering, Anna University of Technology, Tiruchirappalli – 620 024, PP 95 – 97 (April 2011)
- 9) Vasanthi and Ilangovan R (2011) Characteristics study of Copper slag and quarry dust as Cement Replacement in Concrete , National Conference on Engineering Approach for Sustainable Development (STEPMAcc 11) , Anna University of Technology , Tiruchirappalli – 620 024. (September 2011).
- 10) M. Balaji and Ilangovan R and Durability Properties of Concrete incorporating Copper Slag and Quarry Dust Waste as Partial replacement of Cement and fine aggregate , National Conference on Engineering Approach for Sustainable Development (STEPMAcc 11) , Anna University of Technology , Tiruchirappalli – 620 024. (September 2011).
- 11) Raja Arumuga Nainar and Ilangovan R and Experimental Analysis of Performance and Strength of Cement Concrete By using Manufactured Sand as fine Aggregate , National Conference on Engineering Approach for Sustainable Development (STEPMAcc 11) , Anna University of Technology , Tiruchirappalli – 620 024. (September 2011).
- 12) Sarumathi and .Ilangovan R and, Flexural Strength of RCC Beams incorporating Copper Slag and Quarry Waste as Partial Replacement of Cement and fine Aggregate , National Conference on Engineering Approach for Sustainable Development (STEPMAcc 11) , Anna University of Technology , Tiruchirappalli – 620 024. (September 2011).
- 13) Arumugam and Ilangovan R and, Study on Characterization and use of Pond ash as fine Aggregate in Concrete , National Conference on Engineering Approach for Sustainable Development (STEPMAcc 11) , Anna University of Technology , Tiruchirappalli – 620 024. (September 2011).
- 14) Meenakshi Sudarvizhi and Ilangovan R and (2010) Utilization of Copper Slag and Ferrous Slag as Partial Replacement of Sand in Cement Concrete. The Seventh

- Structural Engineering Convention (SEC 2010) Annamalai University, Annamalai Nagar, Tamilnadu , India.
- 15) Arumugam, and R. Vengatasalabathy Ilangovan R, (2010) Feasibility Study on Characterization and use of Pond Ash as Fine Aggregate in Concrete Beams under Flexure. The Seventh Structural Engineering Convention (SEC 2010) Annamalai University, Annamalai Nagar, Tamilnadu , India.
 - 16) Vengatachalapathy, K. Arumugam Ilangovan R (2010) Behavior of Steel Fiber Reinforced Concrete Deep Beams with and without Openings The Seventh Structural Engineering Convention (SEC 2010) Annamalai University, Annamalai Nagar, Tamilnadu , India.
 - 17) Ilangovan R. Mahendren N and Nagamani K. (2008), ‘Usage of quarry fines (crusher Dust) in the place of River Sand for concrete works, Proceedings of the National Conference on Recent Advances in Structural Engineering” organized by Department of Civil Engineering, Anna University Trichy, pp. 66-71.
 - 18) Ilangovan R. and Nagamani K. (2007), ‘Strength and durability properties of concrete containing quarry rock dust as fine aggregate’, Proceedings of the National seminar on Modern Trends in structural Design organized by Department of Civil Engineering, College of Engineering, Guindy, Anna University Chennai, pp. 26-34.
 - 19) Ilangovan R., Nagamani K. and Ramamurthy K. (2006), ‘Studies on cement Mortar by using quarry rock dust as fine aggregate’, Proceedings of the National conference on High - Rise Buildings, Materials and practices organized by Indian society for construction materials and structures, Department of Civil Engineering, Indian Institute of Technology, Roorkee, India. October 30-31, pp. 157-162.
 - 20) Ilangovan R., Nagamani K. and Gopalsamy P. (2006), ‘Recycling of quarry waste as an alternative material in concrete manufacturing’, Proceedings of National conference on High-Rise Buildings materials and practices, Organized by Indian Society for Construction Materials and structures, Department of Civil Engineering, Indian Institute of Technology Roorkee, India. October 30-31, 2006, pp. 145-155.

LIST OF PUBLICATIONS IN CONFERENCES 2000 -2005(8)

1. Vulnerability analysis of structures in Cyclone prone areas-An analytical model. Pro. Of International Seminar on Industrial structures, ACC (India) Coimbatore, January -2003.
2. Rehabilitation Measures of Buildings and Structures in Cyclone Prone Areas. An Analytical Model. Pro. Of National Conference-RACE 2004. Cochin University- March 2004.
3. Ground Water Degradation due to Tannery Waste Pro. Of National Conference Vellore Institute of Technology.January-2002
4. Cost Reduction Techniques in Mass housing by using Marginal material. Pro. Of national Seminar CES MIGG- 2002, Chennai-October 2002
5. Application of GIS & Remote sensing techniques to assessment of environmental degradation in Dindigul Pro. Of International Groundwater Conference-IGC 2002-February 2002.
6. Mix Design for Marginal materials Pro. Of International conference in Concrete Technology KCT, Coimbatore, Sep.2003.
7. Assessment of Environmental Degradation" Due to Tannery Waste in Dindigul District, Tamil Nadu. Pro.Of National Conference-RACE 2004. Cochin University -March 2004.
8. Modeling of Ground water Quality at Dindigul District, Tamilnadu Pro. Of National Conference on Environment Awareness & pollution Impacts, NIT (REC), Tiruchirapalli- Nov 2004

FDP / workshop / conference Organized (5)

1. TEQIP II –FDP Advanced Building Technology 19.08.2013 to 25.08.2013 BIT Trichy
2. TEQIP II –FDP Advanced software application in Civil Engineering 12.12.2013 to 18.12.2013 BIT Trichy
3. TEQIP II – Conference Recent trends in civil and Environmental Engineering April 2013 BIT Trichy
4. Workshop -Architecture application in civil Engineering Feb 2008 PSNA dindigul
5. Conference- Recent trends in civil Engineering –May 2007 RVSEC dindigul

TRAINING COURSES AND CONFERENCE / SEMINAR / WORKSHOP ATTENDED

1.) Not less than two weeks duration

1. Induction training programme in Engineering Education Academic Staff College, University of Madras - June 1999. date 07-06-1999 to 26-06-1999 (3 weeks)
2. Modern surveying & computer applications at NITTR Chennai date 06/09/2004 to 17/09/2004 (2 weeks)
3. Environmental studies in Civil Engineering at Academic staff College Madurai Kamaraj University date 27.01.2015 to 16.02.2015 (3 weeks)

2) One week duration

1. Energy Management in Buildings Department of Civil Engineering IIT, Madras December 1999.(20.12.1999 to 25.12.1999)
2. Advance in Concrete Technology and Practice Department of Civil engineering IIT Madras, December 2000 (18.12.2000 to 23.12.2000)
3. GIS and their Application in Environmental engineering Department of Civil Engineering, IIT Madras, June 2001. (04.06.2001 to 09.06.2001)
4. Soil Reinforcement and Geosynathetics Department of Civil Engineering, IISc, Bangalore, Sep 2001.(03.09.2011 to 07.09.2001)
5. Experimental Techniques in Structural Engineering Department of Civil Engineering IIT Madras - July 2003.(15.07.2002 to 21.07.2002)
6. Research Methodology Department of Civil Engineering, IIT Madras - December 2003 (18.12.2003 to 24.12.2003)
7. Structural Dynamics and Seismic Design Department of Civil Engineering, IIT Madras - June 2004.(14.06.2004 to 19.06.2004)
8. Geotechnical Earthquake Engineering Department of Civil Engineering IIT, Madras - July 2004.(05.07.2004 to 09.07.2004)
9. Geotechnical Earthquake Engineering Department of Civil Engineering IIT, Delhi - Dec 2004.(29.11.2004 to 04.12.2004)
10. Instructional Design and delivery systems at NITTR Chennai 04.07.2005 to 08.07.2005
11. Finite Element Seismic Analysis at Department of Civil Engineering, IIT Madras, March 2006 (20.03.2006 to 24.06.2006)
12. Contaminant Transport modeling :Theory and Application Department of Civil Engineering, IIT Madras, June 2007 (11.06.2007 to 16.06.2007)
13. Management capacity Enhancement programme at CIT (27 -31 August 2013)

3) Less than a week

1. workshop on Repairs and Rehabilitation of structures, Department of civil engineering ,Anna University Chennai.(29, 30-10-1999)
2. Analysis and design of Structures for wind and seismic loads ,SERC Chennai (15-17, Feb 2000)
3. Earthquake design as per New Code , Department of civil engineering ,Anna University Chennai.(20,21- March 2003)
4. Better method of teaching, RVS college of engineering Dindigul (08.09.2003)
5. Recent Advances in civil engineering ,Cochin University of science and technology (25-27, March 2004)
6. Engineering Mechanics, Bannari Amman Institute of Technology (3-5 Feb 2005)
7. Environmental science and Engineering , RVS college of engineering Dindigul (05.03.2006)
8. Recent Advances in civil engineering, RVS college of engineering Dindigul (05.04.2007)
9. Modern trends in structural Design, Anna University Chennai. (23-24 march 2007)
10. Sustainable concrete pavements ,practices ,challenges and direction, IIT madras (13.10.2010)
11. 'Forensic Engineering' National Institute of Technology, Tiruchirappalli from 15-17, December 2010.
12. New Trends in industrial applications PSG college of tech (11.10.2014)
13. Management Capacity Building ,IIT madras (29-31 Jan 2014)
14. Corrosion Analysis at PSNA CET (29.09.2014)
15. NAAC Awareness on Quality Systems in Higher Education Anna University Chennai.(26-27 march 2015)

Presentation of research papers (oral/poster) in in Conferences /Seminars / Workshops etc

a) International conference

1. Ilangovan. R ,Assessment of environmental degradation due to tannery waste water in dindigul district,International Ground water conference (IGC -2002),Dindigul
2. Ilangovan R, Recycling of Crushed Rock dust as fine Aggregate for concrete”, Internal workshop and conference on Construction Management materials , IIT Kharagpur (2003).
3. IlangovanR, Vulnerability Analysis and Retrofitting Measures of building and structures in cyclone prone areas, An Analytical Model ,International seminar on Industrial Structures, ACCEI (2003)
4. Ilangovan .R “Reproportioning of aggregate mix for optimal workability with crushed rock dust as fine aggregate, International conference on recent trends in concrete Technology,Kumaraguru college of Technology,Coimbatore(2003)

5. Ilangovan R, Value Added Utilization of Crushed Rock dust in concrete., Structural Engineering Convension,SEC, IISC Bangalore (2005)
6. Ilangovan, Durability Studies on Crushed Rock Dust Concrete, Structural Engineering Convension,SEC, IISC Bangalore (2005)
7. Ilangovan ,” Vulnerability analysis of building and structures in cyclone prone area-An analytical model.,National conference on Recent advances in civil Engineering(RACE2007) RVS Engineering college ,dindigul (2007)
8. Ilangovan ,”Usage of quarry fines in place of Rivier sand for concrete works,National conference on recent advances in structural Engineering, Anna University, Trichy (2008)
9. Vengatachalapthy and R.Ilangovan, “Experimental Evaluation of shear strength of steel fiber reinforced concrete moderate deep beam with and without opening “International conference on sustainability challenges and advances in concrete technology ,PSG college of Tech,Coimbatore.(2012)
10. Akhila P, Dr.R.Ilangovan, “studying the spatial and temporal variation of atmospheric co2 found in tiruchirappalli,tamilnadu, india”TEQIP II Sponsored International Conference on Innovations and Advances in Civil Engineering Towards Green and Sustainable Systems(INACES-2014) during 28- 30 April 2014 ,CIT, Coimbatore ,India
11. Meenakshi Sudarvizhi , R.Ilangovan and C.Mariammal” Investigation of optimum usage of industry waste in concrete” TEQIP II Sponsored International Conference on Innovations and Advances in Civil Engineering Towards Green and Sustainable Systems(INACES-2014) during 28- 30 April 2014 ,CIT, Coimbatore ,India
12. Arumugam, Dr.R.Ilangovan characterisation and use of pond ash as fine aggregate in concrete under flexure” TEQIP II sponsored International Conference on Innovations and Advances in Civil Engineering Towards Green and Sustainable Systems(INACES-2014) during 28- 30 April 2014 ,CIT, Coimbatore ,India
13. Kavipriya ,Dr.R.Ilangovan” A study on mix design and optimum strength charactersitics of geopolymer concrete (gpc) TEQIP II Sponsored International Conference on Innovations and Advances in Civil Engineering Towards Green and Sustainable Systems(INACES-2014) during 28- 30 April 2014 ,CIT, Coimbatore ,India
14. Venkatesan& R.Ilangovan” structural behaviour of exterior beamcolumn joint" TEQIP II Sponsored International Conference on Innovations and Advances in Civil Engineering Towards Green and Sustainable Systems(INACES-2014) during 28- 30 April 2014 ,CIT, Coimbatore ,India
15. Viji, P. Rajesh Prasanna, R. Ilangovan And G. Suthan” modified scs-cn method in surface runoff modelling for the kundapallam watershed,nilgiris, western ghats, india., TEQIP II Sponsored International Conference on Environmental Geotechnics(ICEGEO’14),BIT campus,Anna University,Trichy
16. Ilavarasan and Dr.R.Ilangovan water quality assessment on ooty lake nilgiris, TEQIP II Sponsored International Conference on Environmental Geotechnics(ICEGEO’14),BIT campus,Anna University,Trichy

17. Meenakshi Sudarvizhi and Dr. R.Ilangovan” strength and durability properties of concrete made with industry waste, Sp TEQIP II onsored International Conference on Environmental Geotechnics(ICEGEO’14),BIT campus,Anna University,Trichy

b) National

1. Ilangovan R, Recycling of Quarry Waste as an alternate materials in concrete, IIT Roorkee.(2006)
2. .Ilangovan R Studies on Cement Mortar by using Quarry Rock dust as fine Aggregate, IIT Roorkee.(2006)
3. .Ilangovan R Vulnerability Analysis of buildings and structures, RVS college of engineering Dindigul (2007)
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