

Faculty Profile



Name : Easwaran.P
 Designation : Assistant Professor
 Date of Joining : 01.06.2012
 Nature of Association : Regular
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Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
Ph.D	Anna university - Chennai	Pursuing	-	-
M.Tech (Structural Engineering)	Bannari Amman Institute of Technology - Sathyamangalam	May 2012	8.48 (CGPA)	First
B.E. (Civil)	V.L.B.Janakiammal College of Engineering and Technology, Coimbatore.	April 2006	73	First
H.S.C.	Vidhya Vikas Hr. Sec. School, Tiruchengode	April 2002	88.92	First
S.S.L.C.	Vidhya Vikas Hr. Sec. School, Tiruchengode	March 2000	91.4	First

Experience in Industry: 4 Years

Sl. No.	Name Of the Industry	Designation	Responsibilities	Period		Experience	
				From	To	Years	Months
1	United Info Solutions - Salem.	Design Engineer cum Trainer	Detailing Engineer cum Trainer in Detailing and Teaching the following software's AUTOCAD, ARCHICAD and STAADPRO.	Feb 2009	Aug 2010	1	6
2	Maytas Infra Limited - Hydra bad	Junior Engineer	Design Verification as Per Drawing, Steel and RCC Quantity is calculated, Site Execution.	Aug 2008	Jan 2009	0	6
3	Prakash Construction, Chennai	Site Engineer	Design Verification as Per Drawing, Steel and RCC Quantity is calculated, Site Execution.	June 2006	June 2008	2	0

Teaching Experience

- **Assistant Professor**, K.S.Rangasamy College of Technology, from 01.06.2012 to Till Date.

Projects

Under Graduate

- Title:** 1. Analysis and Design of Residential buildings
2. Testing the quality of water in the well along the Noyil river basin

Post Graduate

- Title:** Shear Strength of Reinforced Concrete Hollow Beams.
Mini project: Design of prestressed post tensioning beam.

Ph. D (Pursing)

Thesis title: High Strength Concrete Hollow Beams

Publications

International Journals

1. Karthi.A and Easwaran.P (2015), “**Analytical And Experimental Investigation On Shear Strengthened Rc Beams By Using Frp - A Review**” International Journal on Applications in Civil and Environmental Engineering Vol. 1: Issue -3, pp 13-17.
2. Sellakkannu.N, Kalaivani.M and Easwaran.P (2016), “**Steel Fibre Reinforced Concrete Slab – A Review**” International Journal For Research & Development In Technology, Vol.5, Issue-2, pp 88 – 94.
3. Karthik.S, Kalaivani.M and Easwaran.P (2016), “**Fatigue Behavior Of Steel Fibre Reinforced Concrete – A Review**” International Research Journal of Engineering and Technology, Vol.3, Issue-4, pp 2019 – 2023.
4. Sureshkumar.M.P, Ramesh.S, Easwaran.P, Pruthivraj.P (2016), “**Basalt Fiber Application In Concrete – A Review**” International Journal of Advanced Science and Engineering Research Vol.1, Issue-1, pp 902 – 913.
5. Vigneshkannan.S, Easwaran.P, Mageshkumar.P, Ramesh.S (2017), “**Study on characteristics of Pervious Concrete for pavement**” International Journal of Advanced Science and Engineering Research Vol. 1, Issue: 1
6. Angu Senthil.K, Sasikumar.M, Jagadeesan.R, Easwaran.P (2017), “**Experimental Study on Mechanical Properties of Hooked End Steel Fibre Reinforced Concrete Specimens Using Bagasse Ash**” International Journal For Research In Applied Science & Engineering Technology, vol.5, Issue - XII, pp 1303 – 1306.

7. Vigneshkannan.S, Abdul Bari.J, Easwaran.P (2017), “**A General Study of Light Gauge Steel Structures – A Review**” International Journal of Advanced Research Methodology in Engineering & Technology, Vol. 1, Issue: 5, pp 1-4
8. Angu Senthil.K, Jagadeesan.R, Easwaran.P (2018), “**Performance Evaluation of Steel Fibre Reinforced Concrete Beams with Bagasse Ash**” International Research Journal of Engineering & Technology, vol.5, Issue - 01, pp 616 – 618.
9. Easwaran.P (2018) “**High strength concrete hollow beams**” International Journal for Scientific Research and Development Vol. 6, Issue: 5
10. A.Dharani, P.Easwaran, K.Vijaya Sundravel (2018), “**An Experimental Investigation on the use of PET Aggregate as Partial Replacement of Fine Aggregate in concrete**” International Journal of Innovative Research In Applied Sciences & Engineering, vol.1, Issue - 1.
11. S.Ramesh, A.Amirthashanthi, M. Kalaivani, P.Easwaran, K.Angu Senthil, (DEC - 2018), “**Experimental Study on Textile Wastewater Treatment using Moringa Oleifera & Azadirachta Indica**” –International Journal for Innovative Research in Science & Technology Vol. 5, Issue: 7, pp 12 – 17.
12. Angu Senthil.K, Jagadeesan.R, Ramesh.S, Kalaivani.M, Easwaran.P (JAN - 2019), “**Performance study of lightweight artificial aggregate concrete by utilizing industrial waste - A Review**” Journal of Emerging Technologies and Innovative Research, vol.6, Issue - 01, pp 569 – 571.
13. Elakyah.D, Kalaivani.M and Easwaran.P (MARCH - 2019), “**Effect Of Curing And Molarity On Geopolymer Concrete With Foundry Sand**” International Journal of Scientific Research and Review, Vol.7, Issue - 3, pp 203 – 208.

International Conférences

1. Presented a Paper titled “**Study on characteristics of Pervious Concrete for pavement**” in the 6th International Conference on “Advances in Computing, Control, Communication, Automation and Structural Engineering” (ACCCAS) at Al – Ameen Engineering College, Erode, Tamilnadu on 08.04.2017.
2. Presented a Paper titled “**A General Study of Light Gauge Steel Structures – A Review**” in the International Conference (Code: SLM-A17-02) on “Trending Researches In Engineering, Science & Technology – 2017(IER-TEST’17)” by Institute Of Engineering Research, Salem at hotel AMRs Evergreen, Salem,Tamilnadu on 31.08.2017.
3. Published a Paper titled “**Application of Artificially Synthesized Aggregate using Flyash to promote Light Weight Concrete**” in the IEEE Second International Conference on “ Environmental Management and Green Technologies” sponsored by Indian Space Research Organization (ISRO) and

Tamilnadu State Council for Science and Technology (TNSCST) at St.Peters College of Engineering and Technology Chennai, Tamilnadu on 27 to 29.09.2017.

4. Presented a Paper titled “**An Experimental Investigation on Plastic Wastes by Partial Replacement of Fine Aggregate on concrete**” in the 7th International Conference on “Advanced Science and Engineering Research” (ASER - 2018) at Al – Ameen Engineering College, Erode, Tamilnadu on 05.04.2018.
5. Presented a Paper titled “**An Experimental Investigation on the use of PET Aggregate as Partial Replacement of Fine Aggregate in concrete**” in the 8th International Conference on “Engineering and Advancement in Technology” at Sri Krishna College of Technology, Coimbatore, Tamilnadu on 22,23.03.2018.
6. Presented a Paper titled “**Effect Of Curing And Molarity On Geopolymer Concrete With Foundry Sand**” in the 2nd International Conference on “Nexgen Technologies” at Sengunthar Engineering College, Thiruchengodu, Tamilnadu on 08,09.03.2019.

National Conferences

1. Published a Paper titled “**Experimental Study on Polypropylene Fiber Reinforced Concrete**” in the National Conference on “Recent Trends In Civil Engineering” at Erode Sengunthar Engineering College, Erode, Tamilnadu on 26.04.2013.
2. Published a Paper titled “**Experimental Study on Partial Replacement of Fine Aggregate by Vermiculite in Concrete**” in the National Conference on “Contemporary Issues in Construction Management, Environmental, Geotechnical and Structural Engineering” at Erode Sengunthar Engineering College, Erode, Tamilnadu on 12.04.2014.

Summer Training Programmes

1. Short term course under quality improvement programme on “**Paradigm Shift In Green And Sustainable Concrete Structures**” conducted by Department of Civil Engineering, Coimbatore institute of technology, Coimbatore from 27.10.2014 to 31.10.2014.
2. Two week ISTE STTP on “ **Technical Communication** ” conducted by Indian Institute of Technology Bombay from 08.10.2015 to 05.12.2015
3. Faculty Development Programme on “**CE 2352 – Design of steel structures**” conducted by Department of Civil Engineering, college of engineering guindy anna university Chennai from 10.12.2014 to 17.12.2014

4. Faculty Development Programme on “**Estimation And Quantity Surveying**” conducted by Department of Civil Engineering, JCT College of Engineering and Technology, Coimbatore on 12.08.2016
5. Two week ISTE STTP on “**Introduction To Structural Engineering**” Conducted by Indian Institute of Technology Kharagpur from 30.11.2015 to 09.01.2016
6. Two Week Faculty Development Programme on “**CE 8491 – Soil Mechanics**” conducted by Centre For Faculty Development Anna University Chennai at Department of Civil Engineering, Muthayammal College of Engineering Rasipuram from 03.12.2018 to 14.12.2018
7. Faculty Development Programme on “**Reference Management & Knowledge Organization for Journal Writing**” conducted by Department of Civil Engineering & Research and Development Cell, Aalim Muhammed Salegh College of Engineering Muthapudupet, Avadi Chennai from 07.01.2019 to 11.01.2019.
8. Short term course under quality improvement programme on “**Structural Engineering for Fire Induced Loads**” conducted by Centre for Continuing Education Indian Institute of Science Bengaluru from 04.02.2019 to 08.02.2019.
9. Faculty Development Programme on “**Patent Drafting and Filing**” conducted by Academic Writing and Patent Drafting Department of Chase Research & Development, Avadi Chennai from 24.06.2019 to 28.06.2019.

CEP / QIP / Workshops / Symposium / Seminars / Conferences attended

1. National Workshop on “**Recent Trends in Construction Practice**” conducted by Department of Civil Engineering, VLB Janakiammal College of Engineering and Technology, Coimbatore on 28.09.2005.
2. National Seminar on “**Modelling And Design Software’s In Civil Engineering**” conducted by Department of Civil Engineering, Sona College Of Technology ,Salem on 30.08.2012.
3. National workshop on “**Energy Conservation Techniques for Global Sustainability (NWECS’12)**” conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 24.08.2012
4. National Seminar on “**Innovative Energy Conservation Techniques In Building Construction**” conducted by Department of Civil Engineering, Kongu Engineering College, Perundurai on 28.09.2012.
5. National Seminar on “**Innovative Site Remediation Techniques**” conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 19.01.2013.

6. National Seminar on **“Advanced Membrane Bioreactors for Wastewater Treatment”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 16.03.2013.
7. National Seminar on **“Renewable Energy Technologies for Rural Development”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 23.08.2013.
8. Two Week ISTE workshop on **“Engineering Mechanics”** conducted by Indian Institute of Technology, Bombay from 26.11.2013 to 06.12.2013.
9. One day training program on **“STAAD Pro V8i Fundamentals and Advanced Topics”** conducted by Bentley Institute at Department of Civil Engineering K.S.Rangasamy College of Technology, Tiruchengode on 05.02.14.
10. National NPTEL Workshop on **“National Programme On Technology Enhanced Learning”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 09.08.2014.
11. National Workshop on **“Renewable Energy Sources: Indian Scenario”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 22.08.2014.
12. National Workshop on **“Smart Renewable Energy Technologies : Opportunities and Challenges (NWSRT 15)”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 28.08.2015.
13. One day workshop on **“Cement And Concrete: New Trends And Industrial Applications”** conducted by Department of Civil Engineering, P.S.G College of Technology, Coimbatore on 11.10.2014.
14. Erode build expo **“Build Expo 2014 - Conference”** conducted by Erode District Civil Engineers Association & Erode Civil Engineers Trust at Parimalam Mahal & Gurusam Gounder Thirumana Mandapam, Erode from 25.12.2014 to 28.12.2014.
15. DBT & SERB (DST) New Delhi sponsored National conference on **“Role Of Biotechnology Tools And Techniques In Wastewater Management (NCBTWM - 15)”** jointly organized by Department of Civil Engineering & Bio Technology at K.S.Rangasamy College of Technology, Tiruchengode from 03.02.2015 to 04.02.2015.
16. DRDO Sponsored One day National Seminar on **“Characterization of Multifunctional Materials for Engineering Applications (MULTIMAT - 2015)”** conducted by Department of Civil Engineering, Mahendra Engineering College, Tiruchengode on 18.09.2015.
17. CSIR sponsored National Seminar on **“Sustainable Solid Waste Management Technologies For Clean India (NSSWMT-17)”** conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 23.06.2017.

18. National workshop on “**Recent Advances In Structural And Environmental Engineering**” conducted by Department of Civil Engineering in association with ICI students chapter at K.S.R College of Engineering, Tiruchengode on 08.09.2017.
19. AICTE sponsored two day National Seminar on “**Current Trends, Prospects And Challenges Of Swachh Bharat**” conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 14.09.2017 to 15.09.2017.
20. Participated One Day Seminar on “**Advances in Construction Industry & Technical Contest**” conducted by Institution of Engineers (India), Salem local centre in association with Department of Civil Engineering, Excel Engineering College, Namakkal on 11.09.2018.
21. Participated One Day National Seminar on “**Emerging Trends in Soil Structure Interaction**” conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode in association with Indian geotechnical society (IGS) – Trichy Chapter on 06.10.2018.
22. National Seminar on “ **INTEGRATED BUILDING SOLUTION** ” conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 01.03.2019.
23. National workshop on “**DURACRETE Durability And Risk Assessment Of Concrete Structures**” conducted by Department of Civil Engineering in association with CONCORD INSTRUMENT PVT.LTD at Bannari Amman Institute of Technology, Sathyamangalam on 08.03.2019.
24. One Day Workshop on “ **Smart Water Management** ” Conducted by Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 13.03.2019.
25. One Day Workshop on “ **Scilab Workshop** ” Conducted by Teaching Learning Centre (ICT) At IIT BOMBAY, K.S.Rangasamy College of Technology, Tiruchengode on 04.05.2019

Membership in Professional Bodies

- **Life Member**, Indian Society of Technical Education (ISTE) – (LM 85084) – 2012
- **Life Member**, in “Indian Society of Systems for Science and Engineering (ISSE)” (LM 05403) - 2017

Awards and Recognitions

- Received “**Outstanding Teacher Award**” for producing 100% results in end semester examination (PG - Steel Structures - April / May – 2016) at K.S.Rangasamy College of Technology, Tiruchengode.

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- Received “**Outstanding Teacher Award**” for producing 100% results in end semester examination (UG – Fundamentals of Civil Engineering And Mechanics-April / May – 2017) at K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in “**Quality Enhancement In Engineering Education**” as a faculty in charge for the topic **Beams - Design of Steel Structures** of the initiative in the phase between August - November 2017.
- Received “**Outstanding Teacher Award**” for producing 100% results in end semester examination (PG - Steel Structures - April / May – 2018) at K.S.Rangasamy College of Technology, Tiruchengode.
- Participated in “ **Annual Refresher Programme In Teaching ARPIT EXAMINATION – MARCH – 2019** ” got 69 mark.

Software Exposure Technical : AUTO CAD 2017, STAAD PRO V8I & ARCHICAD 13

Courses Conducted at KSRCT:

- Conducted a Non-formal Course on” **STAAD-Pro V8i**” during the academic year 2014-15.

Personal Details

Fathers Name : S.Paramasivam
Date of Birth & Age : 30.10.1984 & 34 Years
Gender : Male
Marital Status : Married
Permanent Address : 2/232-1, 87. Goundampalayam, Palikadu,
 Kumaramangalam (P.O), Thiruchengodu (T.K)
 Namakkal (D.T) - 637205.