

Faculty Profile

1. Name : Angu Senthil.K
2. Designation : Assistant Professor
3. Date of Joining : 18.12.2013
4. Nature of Association : Regular
5. E mail : civilangu@gmail.com
6. Mobile no. : +91 99423 63990
7. **Academic Qualifications:**



Course	Name of the Institution / University	Year of Passing	% of Marks	Class
M.E (Structural Engineering-Part time)	Karpagam University, Coimbatore	May 2016	8.81 (CGPA)	First class with distinction
B.E (Civil Engineering)	K.S.Rangasamy College of Technology, Tiruchengode.	April 2007	76	First class with distinction
H.S.C.	Carmel Matric Hr Sec School, Erode-2.	April 2003	88	First
S.S.L.C.	Carmel Matric Hr Sec School, Erode-2.	March 2001	86	First

8. Teaching and Industrial Experience

- **Assistant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.06.2016 to till-date.
- **Lecturer**, K.S.Rangasamy College of Technology, Tiruchengode, from 18.12.2013 to 31.05.2016
- **Lecturer**, Excel College of Architecture and Planning, Pallakapalayam, from 23.5.2011 to 06.06.2013.
- **Structural Engineer**, Brahmaas Architect & Engineers, Coimbatore, from 01.07.2010 to 30.04.2011.
- **Civil & Structural Engineer**, Intercontinental Development & Engineering AE&E Pvt Ltd (I.D.E.A-a company of A-TEC Industries AG, Austria), Chennai-06, (Presently Called Dodsai Group of Companies), from August 01.08.2007 to 14.06.2010.

Projects

Under Graduate

- **Title:** “Analysis and Design of Multistoried Building using STAAD PRO”
-

Post Graduate

- **Title:** “Experimental Investigation on Flexural Behaviour of SFRC beams using Bagasse ash”

9. Publications

International Journals

1. Subramanian B, **Angu Senthil K**, Mechanical properties of Polypropylene fibre reinforced Concrete specimens, (2019), *International Journal of Scientific research and review*, Vol. 07 Issue: 03 ,pp. 184-188.
2. **Angu Senthil K**, Jagadeesan R, Ramesh S, Kalaivani M and Easwaran P, Performance study of lightweight artificial aggregate concrete by utilizing industrial waste - A Review, (2019), *Journal of Emerging Technologies and Innovative Research*, Vol. 6, No.1, pp.569-571.
3. **Angu Senthil K**, Sasikumar M, Jagadeesan R, Easwaran P, Experimental Study on Mechanical Properties of Hooked End Steel Fibre Reinforced Concrete Specimens using Bagasse Ash, *International Journal for Research in Applied Science and Engineering Technology*, Vol. 5, Issue XII pp. 1303-1306.
4. Kalaivani M, Vennila G, Ramesh S, **Angu Senthil K**, Behavior of RC Short Columns with Partial Replacement of Fine Aggregate by Quarry Dust Using GFRP Reinforcement, (2018), *International Journal of Civil and Structural Engineering Research*, Vol. 06 Issue: 02 ,pp. 1-5.
5. Kalaivani M, Ramesh S, **Angu Senthil K**, Performance Evaluation of Corner RC Beam- Column Joints with Different Reinforcement Detailing Subjected To Cyclic Loading, (2018), *International Journal for Research in Applied Science and Engineering Technology*, Vol. 6, Issue X pp. 130-133.
6. Kalaivani M, Ramesh S and **Angu Senthil K**, Performance Study on Fly Ash Bricks by Using Municipal Solid Waste as a Filler Material, (2018), *International Journal of Innovations in Engineering and Technology*, Vol.12, No.1, pp.12-14.
7. Ramesh S, Amirthashanthi A, Kalaivani M, Easwaran P, **Angusenthil K**, Experimental Study on Textile Wastewater Treatment using Moringa Oleifera & Azadirachta Indica, (2018), *International Journal for Innovative Research in Science & Technology*, Vol.5, No.7, pp.12-17.
8. **Angu Senthil K**, Jagadeesan R, Easwaran P, Performance evaluation of Steel Fibre Reinforced Concrete Beams with Bagasse Ash, (2017), *International Research Journal of Engineering and Technology*, Vol. 05 Issue: 01 ,pp. 616-618.

International Conferences

1. Gobinath.M, Manipriya.P, Manokaran.M, Jegadeesh.P, **Angu Senthil.K**, "Mechanical properties of Polypropylene fibre reinforced Concrete specimens using Foundry sand" *Second International Conference on Civil, Structural and Environmental Engineering (ICSEE-2019)* , KSR college of Engineering and Technology , 15 March 2019
2. Subramanian.B, **Angu Senthil.K**, "Mechanical properties of Polypropylene fibre reinforced Concrete specimens " *Second International Conference on Nexgen Technologies, Sengunthar Engineering College* , 8-9 March 2019

National Conferences

1. **Angu Senthil.K**, Sasikumar M, "Optimisation of SFRC specimens with bagasse ash" *"National conference on Recent trends in Engineering & Technology (NCRTE-2016)* , Rathinam Technical campus , 19 February 2016
2. **Angu Senthil.K**, Sasikumar M, " Experimental Investigation on Flexure Behaviour of SFRC beams using Bagasse Ash " *"5th National conference on Innovations in Civil Engineering*, Karpagam University, 12 March 2016
3. **Angu Senthil.K**, " Performance Evaluation of Concrete Specimes using Aggregates made of Industrial Slag " *"2nd National Conference on Recent Innovations in Civil Engineering And Technology*, JCT college of Engineering and Technology, 7 March 2018

10. Training Programmes

- Attended two week National Level Workshop on “Fluid mechanics” (conducted by IIT Kharagpur), from 20.05.2014 to 30.05.2014 at K.S.Rangasamy College of Technology, Tiruchengode
- Attended one day National Level Workshop on " Renewable Energy resources - Indian Scenario" on 22.08.2014 at K.S.Rangasamy College of Technology, Tiruchengode
- Attended one week FDTP one on "Strength of Materials" from 11th-19th June 2015 at K.S.Rangasamy College of Technology, Tiruchengode
- Attended one day National Level Workshop on "Writing Papers, Plagiarism And Citation Analysis" on 26.06.2015 at K.S.Rangasamy College of Technology, Tiruchengode
- Attended two week National Level Workshop on “ISTE STTP on Environmental Studies” (sponsored by IIT Bombay), from 02.06.2015 to 12.06.2015 at K.S.Rangasamy College of Technology, Tiruchengode
- Attended one day National Level Workshop on "Smart Renewable Energy Technology : Opportunities And Challenges (NWSRT-15)" on 28.08.2015 at K.S.Rangasamy College of Technology, Tiruchengode
- Attended one day National Level Workshop on "Novelistic Wrinkles In Concrete & Construction Practice " on 23.09.2015 at K.S.R College of Engineering, Tiruchengode
- Attended one day National Level Workshop on “Estimation and quantity surveying ” on 12.08.2019 at JCT College of Technology, Coimbatore

- Attended One week National Level Workshop on “CE-6505- Design of reinforced concrete elements” (sponsored by Anna university), from 02.06.2016 to 08.06.2016 at K.S.Rangasamy College of Technology, Tiruchengode
- Two day National Seminar on “Current Trends, Prospects and Challenges of Swacch Bharat” Organized by the Department Of Civil Engineering , K.S.Rangasamy College of Technology ,Tiruchengode on 14th&15th September 2017
- One day National Seminar on “Sustainable Solid Waste Management Technologies for Clean India (NSSWMT – 17) ” Organized by the Department Of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode. on 23rd June 2017.
- Attended Two day National Seminar on “Remediation of Industrial Wastes and Effluents by using Advanced Oxidation process and Nanotechnology” Organized by the Department of Civil Engineering, N.S.N College of Engineering and Technology, Karur on 20th & 21st Dec 2018.
- Attended five days FDP on “ Reference Management & Knowledge Organization For Journal Writing” Organized by the Department of Civil Engineering at Aalim Muhammed Salegh College Of Engineering, Chennai during 07.01.2019 to 11.01.2019
- Attended One day National Workshop on “Smart Water Management” Organized by the Department Of Civil Engineering, by the Department Of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 13th March 2019.
- Attended one day National Level Workshop on “Construction Demolition waste, M sand and Inactive Industrial waste management and its Engineering applications, from 12.02.2019 at K.S.Rangasamy College of Technology, Namakkal
- Attended one day National Level Workshop on “SCILAB (conducted by IIT Bombay)on 04.05.2019 at K.S.Rangasamy College of Technology, Namakkal

11. Invited Lecture Delivered

- Delivered Guest lecture on “Design of Reinforced Concrete Structures ” on 09.07.2016 at N.R School of Architecture, Coimbatore

12. Membership in Professional Bodies

- **Life Member**, Indian Society of Technical Education (ISTE) – LM 91673

13. Awards and Recognitions

- **Project Execution Excellence** award in I.D.E.A AE & E
- **First Rank holder** in PG - Structural Engineering
- **Department Second mark** for two consecutive semesters during UG.
- Stood **District Third** in Physical Science(X Std)
- Won **Second** prize in 5th National conference on Innovations in Civil Engineering held at Karpagam University during March, 2016
- Won many **prizes** in Word Power, Essay Writing, Oratorical during school days

- **Appreciation awards** received for good results in Analysis and Design of Structures II & III (RCC Design) and Experimental Techniques & Instrumentation
- Received **Appreciation mail** from Saipem India Projects Ltd, Chennai for completing the work before deadline

14. Personal Details

Fathers Name : Mr.A.Kadhirvelu

Date of Birth & Age : 27.06.1986 & 33 Years

Gender : Male

Marital Status : Single

Permanent Address : 16 A, Nehru Street
Moolapalayam
Erode-638002.