

Faculty Profile

1. Name : Yuvaraj. K
2. Designation : Assistant Professor
3. Date of Joining : 02.06.2014
4. Nature of Association : Regular
5. E mail : yuva02raj@gmail.com
6. Mobile no. : +91 9842406571



7. Academic Qualifications:

Degree	Name of the Institution / University	Year	% of Marks	Class
Ph.D	K.S.Rangasamy College of Technology, Tiruchengode/Anna University, Chennai	2018-Batch (Pursuing)	-	-
M.E (Construction Engineering and Management)	K.S.R College of Engineering, Tiruchengode/Anna University, Chennai	2014	8.32/10 (CGPA)	First
B.E (Civil Engineering)	Adhiyamaan College of Engineering, Hosur/ Anna University, Chennai	2012	8.07/10 (CGPA)	First
H.S.C	R R HSS,Thokkavadi	2008	80.25	First
S.S.L.C	S P B HS,Erode.	2006	79.80	First

8. Teaching Experience

- **Assistant Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 02.06.2014 to till date.

9. Projects

Under Graduate

- **Title:** “Road Accident Analysis on Engineering Measurement in Erode City by using GIS.”

Post Graduate

- **Title:** “Performance Study on Concrete With Artificial Aggregate.”

Ph. D

- **Second DC Meeting Title:** “An Experimental Study on Fiber Reinforced High Performance Concrete by using M Sand as Fine Aggregate”

10. Publications

International Journals

1. **Yuvaraj, K** and Velumani, M (2018) A Review of Geopolymer Cement as Precursor in The Development of ‘Green Concrete’. *Journal of Emerging Technologies and Innovative Research*, August 2018, Volume 5, Issue 8, (ISSN-2349-5162).

International Conferences

1. **Yuvaraj K**, Velumani M 2018, ‘A Review of Geopolymer Cement as precursor in The Development of Green Concrete’, *International Conference on Recent Research and Innovations in Social Science, Humanities & Education (ICRRISHE-2018)*, Osmania University Campus, Hyderabad, Telangana State, India on 5th August 2018.
2. **Yuvaraj. K** 2018, Experimental investigation of Geopolymer Concrete using Milled Pond Ash, *International level conference on Advancements in Science, Engineering & Technology (ICASET'19)*, M.P.Nachimuthu M.Jaganathan Engineering College ,Erode
3. **Yuvaraj.K** 2018, Experimental Study on partial replacement of cement by using marble powder, *International level conference on Second International conference on Civil, Structural and Environmental Engineering*, K.S.Rangasamy College of Technology, Tiruchengode

National Conferences

1. **Yuvaraj. K** 2013, ‘Performance Study on Concrete with Artificial Aggregate’, *National conference on Civil, Computing and Communication (NC - 2014)*, Excel College of Technology, Komarapalayam.
2. **Yuvaraj.K** 2018, Mechanical Properties of milled pond ash - GGBS based Geopolymer Concrete, *National level conference on neocret 2K18*, JKK Munirajah college of Technology, Gobichettipalayam, Erode

11. Summer Training Programmes

- One day workshop on “Comprising of Programmes on Soft Skills and Personality Development” Organized by the Department Of Civil Engineering, Adhiyamaan College of Engineering, Hosur. on 24th Sept 2008.
- One day National Seminar on “Advancement in Concrete Technology” Organized by the Department Of Civil Engineering, K.S.R College of Engineering, Tiruchengode. on 5th Nov 2012.
- Two day National Conference on “Trendy and Sustainable Development in Civil Engineering ” Organized by the Department of Civil Engineering, K.S.R College of Engineering, Tiruchengode. on 18- 19th April 2013

- One day National level workshop on “Application of Concrete Filled Steel Tubes using Neural Network” Organized by the Department Of Civil Engineering, Adhiyamaan College of Engineering, Hosur. on 14th April 2012.
- One day National Workshop on “Renewable Energy sources; Indian Scenario (NWRES-14)” Organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 22th August 2014.
- Two days National Conference on “Role of Biotechnology Tools and Techniques in Wastewater Management (NCBTWM-15)” Organized by the Department of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode on 3rd- 4th February 2015.
- Two Week Short Term Training Programme on “Environmental Studies” Organized by IIT Bombay and KSRCT Remote centre, on 2nd to 12th June 2015.
- One day National Workshop on “Smart Renewable Energy Technologies : Opportunities and Challenges (NWSRT-15)” Organized by the Department Of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode. on 28th Aug 2015.
- Short Term Training Programme on “Project Management in Construction” Organized by the Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore on 15th-21th December 2015.
- Two days Faculty Development Training Programme on “Engineering Mechanics” Organized by the Department of Civil Engineering, K.S.R.Institute for Engineering and Technology, Tiruchengode on 17th-18th December 2015.
- Short Term Training Programme on “Infrastructure Planning Development and Managment” Organized by the Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore on 18th-24th January 2017.
- 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.R College of Engineering, Tiruchengode. on 23rd June 2017.
- Two day National Seminar on “Geopolymer Technology: The Current State of the art” Organized by the Department Of Civil Engineering, VSA group of institutions, Salem. on 19th & 20th July 2018.
- One day National Seminar on “Concrete Microstructure Analysis & Its Interpretation” Organized by the Department of Civil Engineering, Kongu Engineering College, Perundurai on 26th October 2018.
- One day National Seminar on “Integrated River Basin Management in India” Organized by the Department of Civil Engineering, Kongu Engineering College, Perundurai on 06rd October 2018.
- Five days Faculty Development Training Programme on “Practical Training on Geosynthetics and Building Materials” Organized by the Department of

Civil Engineering, SRM Institute of Science and Technology, Kattankulathur on 19th-23th November 2018.

- Two day National Workshop on “Contemporary Issues in Concrete and Construction Industry” Organized by the Department Of Civil Engineering, KPR Institute of Engineering and Technology, Arasur, Coimbatore on 10th & 11th Jan 2019
- 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, Manalmedu, Karur on 20th & 21st Dec 2018.
- One day National Seminar on “Water Borne Diseases – Causes and its Prevention” Organized by the Department of Civil Engineering, Nandha Engineering College, Erode on 25th Jan 2019.
- One day National Workshop on “Duracrete Durability and Risk Assessment of Concrete Structures” Organized by the Department Of Civil Engineering, Bannari Amman Institute of Technology, Sathyamangalam, Erode on 08th March 2019
- One day National Workshop on “Smart Water Management” Organized by the Department Of Civil Engineering, Organized by the Department Of Civil Engineering, K.S.Rangasamy College of Technology, Tiruchengode. on 13th March 2019.
- Faculty Development Programme (FDP101X) on “Foundation Program in ICT for Education” Conducted by Indian Institute of Technology, Bombay from 13th Sept to 18th October 2018.
- Faculty Development Programme (FDP201X) on “Pedagogy for Online and Blended Teaching – Learning Process” Conducted by Indian Institute of Technology, Bombay from 30th October to 13th Dec 2018.
- One day Participated on 48th National Safety Day Celebration (SAFEX'19) organized by M.E Industrial Safety Engineering, Department of Mechatronics Engineering, K.S.Rangasamy College of Technology. on 19th March 2019.
- One day National conference on “Impact of Quality Management in Construction Industry”, Organized by the Department of Civil Engineering, M.Kumarasamy College of Engineering, Karur 15th March 2019.
- One Week Faculty Development Training Programme on “An Integrated Approach of Engineers towards: Water, Food, Energy & Climate Nexus in a Changing World” Organized by the Department Of Civil Engineering, Nandha Engineering College, Perundurai from 27th May to 01 June 2019.
- Two Week Faculty Development Training Programme on “Success Mantra To Promote Higher Education in Digital ERA: Teach to Learn and Learn To Teach” Organized by the Department of Master of Business Management, K.S.R School of Management, from 8th & 20th July 2019.
- Two day National Workshop on “Publishing Articles in SCI Indexed Journals & Filing IPR” Organized by the Research and Development Cell & Department of Library, K.S.R Institute for Engineering and Technology, Tiruchengode. on 25th-26th July 2019.

12. Funds Received to Organize the Seminar

- Received Grants-in-aid Rs. 10,000/- by K.S.Rangasamy college of Technology to conduct the one days seminar on “Integrated Building Solution” on 01st March, 2019 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215.

13. Membership in Professional Bodies

- **Life Member**, Indian Society of Systems for Science & Engineering (**ISSE**)” LM – 05393 (2017).

14. Research Activities

- **Area of Expertise/Research Interests**
 - Concrete Technology
 - Advance Construction Materials
 - Evaluation of Mechanical Properties of Geopolymer Concrete and Ordinary Portland Cement Concrete.
- **Coordinator**, Act as New letter Co-ordinator incharge for the Civil Department during Academic Year (2018-till date), K.S.Rangasamy College of Technology, Tiruchengode – 637 215.
- **Coordinator**, Act as Association Co-ordinator incharge for the Civil Department during Academic Year (2015-2016), K.S.Rangasamy College of Technology, Tiruchengode – 637 215.
- **Coordinator**, Act as Training Co-ordinator incharge for the Civil Department during Academic Year (2017-2018), K.S.Rangasamy College of Technology, Tiruchengode – 637 215.
- **Coordinator**, Act as Social Media Co-ordinator incharge for the Civil Department during Academic Year (2019-2020), K.S.Rangasamy College of Technology, Tiruchengode – 637 215.
- **Coordinator**, Act as CTCMS (CT-College Management System) Co-ordinator incharge for the Civil Department during Academic Year (2019-2020), K.S.Rangasamy College of Technology, Tiruchengode – 637 215.

15. Personal Details

Fathers Name : K.Kandasamy

Date of Birth & Age : 15.07.1991& 29Years

Gender : Male

Marital Status : Un-Married

Permanent Address : **2/96,T.Goundampalayam,**
Kadachanallur (Po),
Tiruchengode (Tk),
Namakkal (Dt), Pin code – 638 008
Tamilnadu, India.