


**SRI SAIRAM ENGINEERING COLLEGE**  
**DEPARTMENT OF CIVIL ENGINEERING**

Name & Photo	Prof. S.Kandasamy 
Designation	PROFESSOR
Qualification	B.E., M.E., (Ph.D)
Area of specialization	ENVIRONMENTAL ENGINEERING
Experience	Teaching : 37 Years
Number of Workshops / Conferences / FDP Attended	Workshop - 6 Conference - 5 FDP -10 STTP - 1 Summer School - 1
Books published	4 ( Four )
Funds Received	AICTE : 4 Lakhs
Patent Filed	1 ( One )
Certification coursera completed	Coursera - 4 NITTTR - 8 Modules NPTEL - 1 Placed in top 5% scorers secured Elite plus Silver Grade.
Professional Membership	ISTE ( Life Member) ICI IEEE Membership
Publication	Web of science -1 Scopus -4 UGC -1
E Mail – ID	kandasamy.civil@sairam.edu.in
Achievements	1. Best Professor Award from Lions Club, Tambaram. 2. Best Professor Award from Kalvisudar. 3. Secured Gold Medal in Anna University M.E. Program. 4. Secured First Rank in IISC (Bangalore), Certification Program. 5. Secured Best teacher award 5 times for scoring 100% result.

## **Books Published**

- Basic Civil Engineering
- Engineering Mechanics
- Fluid Mechanics and Machinery
- Strength of Materials

## **Funds Received**

- Rs.2 Lakhs from AICTE for ATAL TUNNEL Visit in October 2021.
- Rs.2 Lakhs from AICTE for seminar on Environmental Issues and Sustainable Development
- Rs.1 Lakh from Sapthagiri Educational Trust to study Socio-Economic feasibility and Eco Restoration of River COOVUM.
- Applied for Water Award under Jalsakthi Scheme ( 2 Lakhs).

## **Patent filed**

- Published on Piezo Electric Energy Harvesting in Pavements (Application no: 201941045061)

## **ISO Quality Management System Training ( ISO 9001:2015 )**

- I am Certified Internal Auditor and attended Training by Creative Management Consultants in October,2011.

## **WOSA – 2014**

- Attended 2<sup>nd</sup> World Summit on Accreditation organised by National Board of Accreditation in 2014, at New Delhi.

## **International Seminar on Valuation**

- Attended International Seminar on Valuation of Assets in the changing Global Scenario, December 2013.

## **National Seminars**

- Attended a Seminar on Technical Education in the context of New Economy at Velammal Engineering College, September,2001.
- Attended a Seminar on Teaching Technology and Counseling Skills by Abirami Academy, February 2001

## **Summer School**

- Attended Summer School on Environmental Engineering at C.Abdul Hakeem College of Engineering and Technology, May 2004

## **National Conference**

- Attended a National Conference on Role of Technical Education in Sustainable Development at Anna University, 2005.

## **Short Term Training Programs**

- Attended STTP on Informed Design of Environmental Engineering Systems at Indian Institute of Technology (Madras). Chennai, June 2007.

## **Workshop**

- Attended Strategic Planning and Institutional Development by ISTE Pondicherry Wing, 1996.
- Attended one day Workshop on Art of Journal and Thesis Writing, Jan 2012.
- Attended one day Workshop on Green Purchase for Manufacturing Industries at Anna University, 2004.
- Attended 3 Days Workshop on Environmental Modelling and Simulation at Bannari Amman Institute of Technology, August 2006.

## **Faculty Development Programs**

- Attended FDP on Environmental Science and Engineering at Anna University, December 2003.
- Attended FDP on Environmental Science and Engineering at Anna University, May 2004.
- Attended ATAL FDP on Green Technology and Sustainable Engineering at Sardar Vallabhbhai National Institute of Technology, October 2020.
- Attended ATAL FDP on Leadership and Excellence at BMS College of Engineering, December 2020.

## **Certification Courses ( Coursera)**

- Mastering Bitumen for better Roads and Innovative Applications in Paris tech.
- Our Earth Future in American Museum and Natural History
- Engineering Project Management in RICE University.
- Air Pollution in University of Copenhagen.

## **Certification Courses ( NITTTR)**

- Four(4) Modules have been completed and Four (4) Modules are in Progress

## **Certification Courses (NPTEL)**

- Completed the Course on Municipal Solid Waste Management.

## **Professional Membership**

- Indian Concrete Institute ( Life Member)
- Indian Society for Technical Education (LM 30476)
- Member in IEEE.

## **Papers Published**

### **Web of Science**

- Comparative Life Cycle Assessment of different Municipal Solid Waste Management Scenerios in Chennai City -Turkish Journal of Physiotherapy and Rehabilitation,32(3),ISSN 2651-4451.

### **Scopus Indexed Journals**

- Air Quality Monitoring in Chennai City – Journal of Advanced Research in Dynamical and Control Systems,Vol 10,2018.
- Air Pollution in Chennai City, TEST (Engineering and Management),ISSN:0193-4120,pg.no:8319-8322., March 2020.
- Study of Water Quality Classification by Water Quality Index in Thamara barani River Basin, Tirunelveli,South India, International Journal of Applied Engineering Research ,ISSN:0973-4562,vol16,4(2021),pp:293-301.
- Comparative life cycle assessment of different municipal solid waste management scenarios in Chennai city – Vidyabharati International Interdisciplinary Research Journal – ISSN – 2319 - 4979 Oct’ 21.

### **UGC CARE I journal**

- Municipal Solid Waste Management in Chennai City using LCA Approach- Journal of Maharaja Sayaji Rao, University of Baroda,vol 55,No.1(XIV)2021, impact factor :5.3