

SRI SAIRAM ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING



Name & Photo	<p style="text-align: center;">Ms. K.VAIDHEGI</p>
Designation	ASSISTANT PROFESSOR - III
Qualification	B.E., M.E, <u>PhD</u>
Area Of Specialization	ENVINRONMENTAL ENGINEERING
Experience	Teaching: UG: 10.3 Years PG: NIL Industry: NIL
Number Of Workshops/Conferences/ FDP Attended	FDP: 9 STTP-3 ATEL FDP- 5 National Seminar-1 Conference-4 Training program-3
Publication	Journals: National-2 International-4
Research Guidance	NIL
E-Mail	vaidhegi.civil@sairam.edu.in
Membership	INDIAN CONCRETE INSTITUTE INSTITUTE OF ENGINEERS INDIA IEEE OCEANIC ENGINEERING SOCIETY
Achievements	Produced 100% result in Anna University Theory Examination for Mechanics of Fluids in the academic year 2014-15. Produced 100% result in Anna University Theory Examination for CE 6703- Water Resources and Irrigation Engineering in the academic year 2018-19.

Workshops/Conferences/ FDP Attended:

1. Attended two days AICTE sponsored **National Seminar on “Environmental Issues and Sustainable Development”** held at Sri Sairam Engineering College. Chennai from 11-11-2013 to 12-11-2013.
2. Attended **Training program** on “ISO 9001:2008 Quality Management System and Audit Training” at Sri Sairam Engineering College on 1st October 2014.
3. Attended Six days **FDP** on “Mechanics of solids” held at Sri Sairam Engineering College, Chennai dated from 25-5-2015 to 30-5-2015.
4. Attended Six days **FDP** on “Remote Sensing & GIS” held at Sri Sairam Engineering College, Chennai dated from 30-5-2016 to 04-5-2016.
5. Attended **National level FDP** on “Teaching Excellence in Engineering & Management Curriculum” dated from 20-6-2016 to 21-6-2016.
6. Attended **International conference** on “Advanced Engineering and Technology for Sustainable Development” on March 30 & 31st, 2017.
7. Attended Six days **FDP** on “Design of steel structures” held at Sri Sairam Engineering College, Chennai dated from 29-5-2017 to 03-6-2017.
8. Attended two days **International Conference** on “Informatics, Robotics Construction and Communication” held at Peri Institute of Technology, Chennai dated from 7-4-2018 to 8-4-2018.
9. Attended Eight days **FDP** on “Structural Analysis-I” held at Sri Sairam Institute Of Technology, Chennai dated from 28-5-2018 to 4-6-2018.
10. Attended **Training program** on “ISO 9001:2015 Quality Management System and Audit Training” at Sri Sairam Engineering College on 8th June 2018.
11. Attended Five days **FDP** on “Engineering teaching pedagogy effective learning process” at Sri Sairam Engineering College dated from 3-12-2018 to 7-12-2018.
12. Participated in one day **Workshop** on “Intellectual Property Rights & Innovations” held at Sri Sairam Engineering College, Chennai on 20 July 2019.
13. Participated in two days **National Conference** on “Innovations in Civil Engineering through Sustainable Technologies” held at Mahatma Gandhi Institute of Technology, Hyderabad dated from 20-9-2019 to 21-9-2019.

14. Attended Six days **STTP** on “An integrated approach of engineers towards water, Food, Energy and climate Nexus in a Changing World” held at Nandha Engineering College, Erode dated from 27-5-2019 to 1.5.2019.
15. Attended Five days **FDP** on “Innovation In Teaching Pedagogy” held at Sri Sairam Engineering College, Chennai 10.12 2019-14-12-2019.
16. Attended Five days “AICTE Training And Learning (ATAL) Academy Online FDP on "Green Technology & Sustainability Engineering" from 2021-1-18 to 2021-1-22 at Coimbatore Institute of Technology.
17. Attended Five days “AICTE Training And Learning (ATAL) Academy Online FDP on "Concrete Technology and Sustainable construction Practices" from 2020-9-21 to 2020-9-25 at Government Engineering College, Dahod.
18. Attended Five days “AICTE Training And Learning (ATAL) Academy Online FDP on "Waste Technology" from 2020-11-2 to 2020-11-6 at Manipal University Jaipur.
19. Attended Five days “AICTE Training And Learning (ATAL) Academy Online FDP on "Energy Engineering" from 2021-2-8 to 2021-2-12 at School of Energy & Environment Management.
20. Attended Five days AICTE-ISTE sponsored Phase - 2 a one week online Faculty Development Programme on “Curriculum For Sustainability” 2nd to 8th December 2020.
21. Attended “ Application of Remote Sensing in Soil and Groundwater Contamination Assessment” 5 day online STTP on 7th September to 12th September 2020 at Sri Krishna College of Engineering and Technology, Coimbatore.
22. Presented a paper titled "BIOWASTE CONVERSION AS LIVE BIOMASS OF BLACK SOLIDER FLY (BSF) TO CHICKEN FEED" on International Conference on Advances in Mechanical Engineering(virtual mode) held during 27 and 28 th Jan 2020 at Sri Sairam Engineering College.
23. Presented a paper titled presented a technical paper on “Using Bendable Concrete For Earthquake Resistant Structure And Pavements” in 2-Day National e-Conference on “Innovations in Civil Engineering through Sustainable Technologies (NICEST-2021)” held during 26-27 March, 2021, Organized by Department of Civil Engineering, Mahatma

Gandhi Institute of Technology (MGIT), Gandipet, Hyderabad.

24. Attended “CII Certified Professional in Sustainable Waste Management” organised by CII During Nov and Dec 2020.
25. Attended Online Elementary FDP on "Recent Advances in Water Treatment and Desalination" from 23/08/2021 to 27/08/2021 at Anna University - University College Of Engineering Dindigul Campus.
26. Participated in the Online Training Programme on "NITTT Orientation Training Programming" Conducted by this Institute from 05.07.2021 to 09.07.2021 (One Week)

PUBLISHED JOURNALS

1. Presented a paper in National Conference on Industrial Pollution And Control Technology on 14th & 15th March 2013 and published in International Journal of ChemTech Research CODEN(USA): IJCRGG ISSN : 0974-4290 Vol.5, No.3, pp 1313-1319, April-June 2013. **(SCOPUS INDEXED)**
2. “Moving Bed Bio-film Reactor -A New Perspective in Pulp Paper & Waste Water Treatment”. International. Journal of Engineering Research and Application ISSN : 2248-9622, Vol. 6, Issue 6, (Part -4) June 2016, pp.09-13 **(UGC APPROVED & INDEX COPERNICUS)**
3. “Treatment of Dye waste water using Moving Bed Biofilm Reactor and activated Carbon [MBBR-GAC]” in International Journal of Advanced Research In Dynamical & Control System ISSN 1943-023X, Spl.Issue- 8, May 2018, pp979-985. **(SCOPUS INDEXED)**
4. Study On Green Concrete Using Sugarcane Bagasse Ash (Scba) Vol. 21 No. 17 (2019): Vol 21 No. 17 (2019).
5. Evaluation on Strength and Behaviour of Concrete Containing Pulverized Polyethylene Terephthalate (PET) in Vol 83, March - April 2020 ISSN: 0193-4120 Page No. 12202 – 12207. **(SCOPUS INDEXED)**
6. Study On Various Rating System For Green Building In Chennai European Journal of Molecular & Clinical Medicine ISSN 2515-8260 Volume 7, Issue 06, 2020. **(UGC APPROVED)**

RESOURCE PERSON:

- Delivered an Expert Lecture in **Faculty Development Programme** “CE 8403- Applied Hydraulic Engineering” held at SRM Valliammai Engineering College, Chennai dated from 2-12-2019 to 6-12-2019.