

Dr. G. L. SATHYAMOORTHY

Professor, Department of Civil Engineering

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<https://www.scopus.com/authid/detail.uri?authorId=55116674800>

<https://scholar.google.com/citations?hl=en&user=NEluuMMAAAA/>



EDUCATIONAL DETAILS

- Ph.D. (Civil Engineering) (Part time)- Awarded on 8th March 2013, Anna University, Chennai- Kumaraguru College of Technology, Coimbatore
- M.E (Environmental Engineering) (Regular) - First Class 77.33% - May 2003 Government College of Technology - Bharathiar University, Coimbatore
- GATE - 2001 - Qualified - 73.54 percentile
- B.E (Civil Engineering) (part time) - First Class with Distinction 76.34 % April 2001- Government College of Engineering ,Salem - Madras University
- Diploma in Civil Engineering (Regular)-First Class 84.75% April 1990 Thiagarajar Polytechnic, Salem - State Board of Technical Education, Tamil Nadu
- SSLC- First Class 86.20% - April 1987- Sri Ramakrishna Saradha Higher Secondary School, Salem-636005, Tamil Nadu

EMPLOYMENT RECORD:- TOTAL TEACHING EXPERIENCE - (17 Years -04 Months)

- ✓ Professor- Kumaraguru College of Technology, Coimbatore From 01/09/2016 To Till date [04 years - 02 months]
- ✓ Associate Professor- Kumaraguru College of Technology, Coimbatore From 01/04/2014 To 31/8/2016 [02 years - 04 months]
- ✓ Assistant Professor - Kumaraguru College of Technology, Coimbatore From 15/10/2010 To 31/3/2014 - [03 years - 05 months]
- ✓ Senior Lecturer - Kumaraguru College of Technology, Coimbatore From 02/06/2008 To 14/10/2010 - [02 years - 04 months]
- ✓ Lecturer - Kumaraguru College of Technology, Coimbatore From 16/08/2003 To 01/06/2008 - [04 years - 09 months]
- ✓ Lecturer - Muthayammal Engineering College, Rasipuram, From 11/06/2003 To 14/08/2003 - [0 years - 02 months]

INDUSTRIAL EXPERIENCE (05 Years and 09 Months)

- ✚ Project Engineer (Civil) - M/s Subash Projects Marketing Ltd., Bangalore, From 09/07/92 To 05/03/98 - [5years & 9months]

MEMBERSHIP IN PROFESSIONAL SOCIETIES

1. Life member - Indian Society of Technical Education (MISTE)
2. Fellow member - International Congress of Chemistry and Environment (FICCE)

PRESENT POSITION IN PROFESSIONAL ACTIVITIES

1. Academic Board Member – Thiagarajar Polytechnic College, Salem
2. Board of Studies Member – Kumaraguru College of Technology, Coimbatore

SPONSERED RESEARCH PROJECTS (AS COORDINATOR)

- Conducted an AICTE-ATAL Academy Faculty Development Program on Geospatial Applications for Smart cities development as one of the coordinators from 19/10/2020 to 23/10/2020
- Received a sum of Rs 5,00,000/- from AICTE New Delhi towards the conduct of the International Conference on Wastewater Management (ICWW 2017) From 17-19 August 2017
- Received a Minor Research project from UGC on Arsenic (III) removal from drinking water using fly ash agglomerates (UGC MRP No: 1991-Project Cost: Rs 2,40,000) for the academic year 2015-16
- Received a student project from TNSCST on Bioelectricity production from dairy wastewater through Microbial Fuel Cell (MFC) Technology (TNSCST Project No: ECE 06-Project Cost: Rs 6,000) for the academic year 2013-14
- Received a grant under MODernization Removal of Obsolescence Scheme (MODROBS) for Rs 5,00,000/- from AICTE, New Delhi for “Augmenting the Environmental Engineering lab with Gas Chromatograph”
- Completed the INDO-FRENCH project on “Optimization of Anaerobic Fixed Bed Reactor” (CEFIPRA Project No: 7109- Project Cost: 28 Lakhs) as one of the coordinators from August 2007 to July 2010 (three years).

PROFESSIONAL ASSIGNMENT

- Construction, operation and maintenance of 0.5 MLD waste water treatment plant in Kumaraguru college of Technology, Coimbatore
- In charge of consultancy services in the emerging areas of Environmental Engineering offered by department of Civil Engineering, Kumaraguru college of Technology, Coimbatore
- Estate officer in charge for Kumaraguru college of Technology, Coimbatore to look after the routine maintenance of the institution.

PARTICIPATION IN CO CURRICULAR ACTIVITIES

- Conducted a Two days Workshop on Advances in water and wastewater management in the Civil Engineering Department from 19/3/2015 to 20/3/2015
- As one of the coordinators conducted the “one day workshop - Total Station Surveying” in Kumaraguru college of Technology, Coimbatore on 21/03/2012
- Received a sum of Rs 30,000/- and conducted a National Level Technical Workshop on Sustainable development on environmental for Future generation from TNSCST and AICTE
- Received a sum of Rs 5,000/- and conducted “National Environmental Awareness Campaign -2004 on Solid Waste Management” from M/s C.P.Ramasamy Iyer foundation Chennai which is a Regional Resource Agency for MoEF.

- Received a sum of Rs 90,000/- from AICTE /ISTE New Delhi and conducted the STTP on “Environmental Impact Assessment and Modern Methods of Analysis & Treating of Industrial Waste”
- As one of the members conducted the “8th specialized International Conference on small water and wastewater systems and 2nd specialized conference on decentralized water and wastewater international network” in Kumaraguru college of Technology, Coimbatore from 6/2/2008 to 9/2/2008.
- As one of the members conducted the “International Conference on Recent Trends in Concrete Technology and Structures” in Kumaraguru college of Technology, Coimbatore from 10th -12th September 2003.

PARTICIPATION IN EXTRA CURRICULAR ACTIVITIES AT INSTITUTION LEVEL

- ✚ National Service Scheme (NSS) program officer from 1/7/2011 to till date in Kumaraguru college of Technology, Coimbatore
- ✚ National Cadet Corps (NCC) Army wing (Boys) officer in charge /coordinator in Kumaraguru college of Technology, Coimbatore from June 2004 to June 2011

AWARDS RECEIVED

- ❖ Best Faculty appreciation letter and cash award of Rs 40,000/-for five consecutive years from the academic year 2013-2017
- ❖ KCT's Achiever Award and Young Faculty Award from Kumaraguru College of Technology, Coimbatore for the academic year 2012-2013
- ❖ Best Alumni Award from the Thiagarajar Polytechnic College, Salem for the academic year 2012-2013

PUBLICATIONS

- (a) Number of papers in Referred Journals
 - International Journals - 6 Nos
 - National Journals - 5 Nos
- (b) Number of papers published in conference proceedings
 - International conferences - 5 Nos
 - National conferences - 4 Nos

LIST OF PUBLICATIONS

- Published a paper on Removal of arsenic from water by using fly ash agglomerates in the Web of Science AIP Conference Proceedings 2270, 060002 (2020); <https://doi.org/10.1063/5.0025863> Published Online: 02 November 2020
- Published a paper on Nutrient (phosphorus) removal from domestic wastewater in the Web of Science AIP Conference Proceedings 2270, 060001 (2020); <https://doi.org/10.1063/5.0019686> Published Online: 02 November 2020
- Presented a paper on Assessment of groundwater vulnerability in tirunelveli district, tamil nadu, India using DRASTIC Approach in the International conference on Advances in Computing, Communication and Green Technology (ICACCG2020) **organised by Ansal University, Gurgaon, India 30-31, July, 2020**
- Published a paper on A Review on Green Energy Production Using Microbial Fuel Cell (MFC) Technology in the International Journal of Innovative Research in Science, Engineering and Technology Vol. 9, Issue 3, ISSN(Online): 2319-8753 ISSN (Print): 2347-6710 March 2020

- Published a paper on An experimental and comparative study on canal lining exploitation geo synthetic material, cement mortar and material lining in the International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-7, pp. 264-266 January 2019
- Published a paper on substrate removal kinetics for Anaerobic Hybrid Reactor (AHR) treating dairy industrial wastewater in the International Journal of Recent Technology and Engineering ISSN: 2277-3878, Volume-7 Issue-4S, November 2018
- Published a paper on Utilization of plastic waste and foundry waste in flexible pavements in the International Journal of Recent Technology and Engineering ISSN: 2277-3878, Volume-7 Issue-4S, November 2018
- Published a paper on A Novel Approach to Sago Industrial Wastewater using Anaerobic Hybrid Reactor (AHR) International Journal of Civil Engineering and Technology, 8(7), pp1229-1238, ISSN No: 0976-6316 July 2017,
- Published a paper on “Municipal Solid Waste Management in Salem City, India”, in Asian Journal of Research in Social Sciences and Humanities Vol. 6, No. 6, , pp. 2189-2208. ISSN No: 2249-7315- June 2016
- Published a paper on “fruit canning industrial wastewater treatment-study on influence of organic loading rate and biomass quantification for the effective performance of anaerobic hybrid reactor(AHR)”, Journal of Engineering Today, Vol.16, pp.68-71, 2014.
- Published a paper on “Determination of kinetic constants of an Anaerobic Hybrid Reactor (AHR) treating the dairy wastewater”, Indian Journal of Environmental Protection, Vol.32, No.7, pp.585-592, 2012.
- Published a paper on “Dairy wastewater treatment by anaerobic hybrid reactor (AHR)- A study on the reactor performance and optimum percentage of inert media fill inside the reactor” in the Research Journal of Chemistry and Environment Vol 16(1) Page No:51-56 March-2012
- Presented a paper on “Influence of inert support materials on the performance of up flow anaerobic filters treating low - strength dairy wash-water” in the International conference of Chemistry and Environment ,Thailand from 21st Jan to 23rd Jan 2010
- Presented a Paper on “Treatment of dairy and distillery industrial waste water using inert media in down flow anaerobic fixed bed reactors” in the National conference on Advances and innovations in Civil Engineering(AICE '09) held at Mepco Schlenk Engineering College,Sivagasi on 25th March 2009
- Presented a paper on “Anaerobic treatment of dairy wash wastes – A study on the performance and effect of mixing conditions” in the National conference on Anaerobic Digestion and Renewable Energy through Microbes (ADREM 2009) held at BITS – Pilani GOA campus from January 13 to January 15 2009 and it is subsequently published in the International Journal of Anaerobic Digestion of Renewable Energy, Vol:I, No:1, January-June 2010, Page No:127-130
- Published a paper on “Vermi composting of market waste in Salem, Tamilnadu-India” in the Proceedings of the International conference on Sustainable solid waste management held at Sathyabama University, Chennai from 5/9/2007 to 7/9/2007
- Presented a paper on “Biodegradability Study of Textile Waste Water and Treatment of Municipal Waste Water using Activated Sludge of Textile Waste” in the National Conference on Water and Waste Water Management (NACOWWAM-2006) held at JJ College of Technology, Trichy from 24/08/2006 to 25/08/2006
- Actively participated and presented a paper on “Membrane bioreactors waste water treatment application to active high quality effluent” during 20-21 December 2003 at

Karpagam Educational Institutions, Coimbatore -21 in a National Level Conference March Towards Green Earth conducted by Indian Environmental Congress-2003

- Actively participated and presented a paper on “Activated Sludge process control by behavior of SST for treating the dairy waste” during 8-9 December 2003 at IIT,Bombay in A National Conference on Advances in Environmental Science and Engineering
- Participated and presented a paper on “Appropriate Technology in Watershed Management” in the International Conference Lake -2003 held at IISc, Bangalore-12 Symposium on Conservation registration and management of aquatic ecosystem from 9-12-2002 to 13-12-2002

PERSONAL DETAILS

- Father’s Name : G.S.Lakshmi Narasimhan
- Mother’s Name : P.G.Shyamala Devi
- Gender : Male
- Date of Birth/Age : 25th May 1972 (48 years)
- Nationality : Indian
- Religion : Hindu/Brahmin
- Marital Status : Married
- Permanent Address : Door No:3/161,Sadhguru Kirupa Illam
Sree Senthur Garden, Varathiyangr Palayam Village
Kondayampalayam Post, Annur Taluk
Coimbatore District -641110
Tamil Nadu State, India
Phone: 96293 19936
- Languages known to Read & Write: Hindi, English, Tamil
- Languages known to Speak: Telugu, Kannada
- Additional Email: glsathyamoorthy@yahoo.com

