

Faculty Profile



Name : **Dr.S.SIVAPRAKASAM.**

Designation : Assistant Professor

Department : Civil Engineering

Date of joining : 14.04.2004

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Qualification : B.E, M.E, Ph.D.,

Specialization : Environmental Engineering

Professional Experience : 10 years (Industry) , 17 years (Teaching)

List of Publications - International

1. **S.Sivaprakasam**, K. Balaji (2021) “Biodegradation Performance of UASFF Reactor in Treating Dairy Wastewater under various Organic Loading Rate” International Journal of Materials Today (ELSEVIER), Proceedings 43(2021), Part2, October 2021, pp.1167-1172.
2. **S.Sivaprakasam**, K. Balaji (2021) “Effect of HRT on Biogas yield in treating Dairy industry wastewater using Upflow Anaerobic Sludge Fixed Film Reactor” International Journal of Materials Today (ELSEVIER), Proceedings 43(2021), Part2, October 2021, pp.1443-1448.
3. **S.Sivaprakasam**, K. Balaji (2021) “A Review of Upflow Anaerobic Sludge fixed film (UASFF) Reactor for Treatment of Dairy Wastewater” International Journal of Materials Today (ELSEVIER), Proceedings 43(2021), Part2, October 2021, pp.1879-1883.
4. **S.Sivaprakasam**, K. Balaji (2020) “ Effect of HRT on Performance of Upflow Anaerobic Sludge Fixed Film Reactor For Treating Dairy Industry Wastewater” International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 11, Issue 7, July 2020, pp.285-295, ArticleID:IJARET_11_07_029, <http://www.iaeme.com/IJARET/index.asp>, ISSN Print: 0976-6480 and ISSN Online: 0976-6499 © IAEME Publication Scopus Indexed.
5. **S.Sivaprakasam**, K. Balaji “Applications of Sequencing Batch Reactor in the Degradation of Dairy Industry Wastewater” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019, Page 2595-2599.
6. **S.Sivaprakasam** “Adsorptive Removal of Heavy Metals from Aqueous Solution by Low Cost Natural Waste” Journal of Water Resources and Pollution Studies (JWRPS) e-ISSN: 2581-5326, Volume 4 Issue 2, Page 14-19 © MAT Journals April 2019.
7. **S.Sivaprakasam**, K. Balaji, P. Ravichandran, T. Ramesh “Sequencing Batch Reactor (SBR) For the Biological Treatment of Dairy Wastewater” Journal of Emerging Technologies and Innovative Research (JETIR) © 2019 JETIR February 2019, Volume 6, Issue 2, Page No.689-695, www.jetir.org (ISSN-2349-5162)
8. P. Ravichandran, **S.Sivaprakasam** , "Influence of Inoculum - Substrate Ratio on the Anaerobic Digestion of Bagasse Based Paper Mill Effluent in Batch Process .", International Journal of ChemTech Research, Volume Vol. 10 , Number No. 11, 2017, pp. 1-7. 2017.
9. P. Ravichandran, **S. Sivaprakasam** and G. Srinivasan, "Water Reuse And Wastewater Minimization Of Dairy Industry Using Water Pinch Technology .", Indo – Asian Journal of Multidisciplinary Research (IAJMR) , Volume I, Number 5, Dec 2015, pp. 431-442. 2015.
10. **Sivaprakasam S**, Ravichandran P, and Srinivasan G , "Heavy Metals Removal from an Aqueous Solution by Low cost Natural waste.", International Journal of Pharmaceutical & Biological Archives, Volume 4, Number 3, May 2013, pp. 1231-1243. 2013.

List of Conferences Paper Presented & Attended – International

1. G. Srinivasan, J. Saravanan and **S.Sivaprakasam** “Study on Alccofine based high performance concrete full paper” in the 10th InterNational Conference on “Structural Engineering and Construction Management 2019 (ICSECM-2019)” Organized by the Department of Structural Engineering and Construction Management, University of Peradeniya, Kandy, Srilanka. [ISBN-978-955-589-274-2], Volume 2, Pp 179-186, 12-14th December 2019.

2.M.P.Venkatesh,G.Srinivasan and **S.Sivaprakasam**“Risk Assessment of Construction Project in INDIA” in the 10thInterNational Conference on “Structural Engineering and Construction Management 2019 (ICSECM-2019)” Organized by the Department of Structural Engineering and Construction Management,University of Peradeniya,Kandy,Srilanka.[ISBN-978-955-589-273-5],Volume1,Pp52-58,12-14th December 2019.

3.**S.Sivaprakasam**,K.Balaji,P.Ravichandran,T.Ramesh“Bioaugmentation process for removing heavy metals from aqueous solution using fallen tree leaves of *Acanthoporphoraspicifera*”in the Inter National Conferenceon“Current Immunological tools for Biodiversity and Status of Environment Health” organized by the Centre of Advanced study in Marine Biology, Faculty of Marine Sciences, AnnamalaiUniversity, Parangipettai, Tamilnadu.Govt.ofIndia,ICSSR&DBT New Delhi.ISBN NO: 2019-978-3-659-29407-5on 21-23, August 2019.

4.V.Sathishkumar,**S.Sivaprakasam**“Experimental study on concrete by partial Replacement of Coarse aggregate by using Ceramic waste Materials” in the Second International Conference on Civil, Structural and Environmental Engineering (ICSEE-2019)organized by the Department of Civil Engineering,K.S.R College of Engineering,Tiruchengode.Tamilnadu. [ISBN: 978-81-935103-0-8] on March15,2019,pp.93-97

5.**S.Sivaprakasam**,V.Sathishkumar “Stabilization of Expansive Soil using Lime” in the 2nd International Conference on Civil, Structural and Environmental Engineering (ICSEE-2019) organized by the Department of Civil Engineering, K.S.R College of Engineering, Tiruchengode.Taminadu.[ISBN: 978-81-935103-0-8].on March15,2019,pp.269-273.

6.**S.Sivaprakasam**“Low Cost Housing Technologies in Construction” in the International Conference on Engineering Applications (INCEA-2019)” organized by the Departments of Civil,CSE,EEE,ECE& MECH Engineering, Universal College of Engineering & Technology,Valliyoor.Taminadu,on March 2019,pp13-14.

7.Attended in International Conference on “Values & Spirituality for Overcoming Challenges” organized by the Annamalai University and Rajyoga Education & Research Foundation (Education wing), Brahma Kumaris,Mount Abu,Rajasthan, on June 8th&9th 2019.

8.P.Ravichandran, K.Balaji, T.Ramesh, **S.Sivaprakasam** , Application of MoringaOleifera Seed as a Natural Coagulant for Treating Synthetic water, *Emerging Trends in Arts, Social Science, Management and Technology* , Dec 5-7, 2018, AIMST University, Malaysia, pp. 27-40. Chennai, AnuragamKalaighnaanPathipagam.

8.**S.Sivaprakasam**, K.Balaji, T.Ramesh, P.Ravichandran, Sequencing Batch Reactor for The Biological Treatment Of Dairy Wastewater, *Emerging Trends in Arts, Social Science, Management and Technology* , Dec 5-7, 2018, AIMST University, Malaysia, pp. 52-61. Chennai, AnuragamKalaighnaanPathipagam.

9.T.Ramesh, P.Ravichandran, **S.Sivaprakasam**, K.Balaji, Production And Characterization Of Lignin Degrading Enzyme, Laccase From Marine Derived Trichoderma Sp., *Emerging Trends in Arts, Social Science, Management and Technology* , Dec 5-7, 2018, AIMST University, Malaysia, pp. 41-51. Chennai, AnuragamKalaighnaanPathipagam.

10.T.Ramesh,**S.Sivaprakasam**, “Decolourization of Synthetic Textile Dyes by Marine Fungai Trichoderma Species” in the 8th International conference on “ Innovation, Entrepreneurship and Economy for Sustainable Development (ICIEED 18) , Oct 10-11, 2018, Sri Sai Ram Engineering College, Chennai, pp. 130-138. Sri Sai Ram Engineering College, Chennai, Sri Sai Ram Group of institutions, Chennai.

11.**S.Sivaprakasam**,P.Ravichadran “Study of Inoculum-Substrate ratio on the anaerobic digestion of bagasse-based paper mill effluent in batch process” 2nd International Conference on “Sustainable Practices in Civil Engineering” (SPICE-2017) organized by Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore & University of Malaya, Faculty of science, Kuala Lumpur, Malaysia on 10th& 11th April 2017

List of Conferences Attended – National

1.**S. Sivaprakasam** and K.Balaji“Physico-Chemical Treatment of Dairy Industry waste waters: A Review” in the National Conference on Green Chemistry and Engineering: Towards Future Technology (GCETFT-2019) organized by the Department of Chemical Engineering, Annamalai University, Chidambaram,31st January&01st February 2020.

2.P.Ravichandran, K.Balaji,T.Ramesh, **S. Sivaprakasam**,“Microbial fuel cell technology for treatment of municipal waste water” in the National Conference on Environmental Pollution and Control Technologies (EPACT-2019) organized by the Department of Chemical Engineering, Annamalai University, Chidambaram.pp:362-362 [ISBN:978-93-5361-615-1],30th& 31st August 2019.

3.**S. Sivaprakasam**,K.Balaji,P.Ravichandran,T.Ramesh“Biological treatment of dairy wastewater by a sequencing batch flexible fibre biofilm reactor”in the National Conference on Environmental Pollution and Control Technologies (EPACT-2019) organized by the Department of Chemical Engineering, Annamalai University, Chidambaram.pp.365-365 [ISBN:978-93-5361-615-1],30th& 31st August 2019.

4.**S.Sivaprakasam**“Adsorptive removal of heavy metals from aqueous solution by low cost natural waste” in the National Conference on Civil, Structural and Environmental Engineering, organized by the Department of Civil Engineering, M.A.M College of Engineering, Tiruchirapalli, on March 21, 2019, pp.8-8

5.**S.Sivaprakasam**,P.Ravichadran,K.Balaji,andT.Ramesh“Comparative study on different packing media in hybrid anaerobic reactor treating dairy wastewater” in the 2ndNational Conference on “Industrial Pollution and Control Technology (IPACT-2019)”March 13-14, 2019, pp.111-111 organized by the Department of Chemical Engineering, Annamalai University, Chidambaram. [ISBN 978-93-5351-024-4]

6.**S.Sivaprakasam**“Adsorption of Chromium (VI) and Lead (II) from aqueous solution using Aegle Marmelos leaves” in the 4th National Conference on “Challenges in chemical engineering and Biosciences for Sustainable Environment (CBSE)” ,15&16th February 2019 organized by the Department of Chemical Engineering, FEAT, Annamalai University, Chidambaram.

7.**S.Sivaprakasam**,K.Balaji,“Performance study on Treatment of Dairy wastewater by Anaerobic process” in the National Conference on “Recent advances in Chemical Engineering (RACE-2018)” 28-29, September 2018, pp.26-26 organized by the Department of Chemical Engineering, FEAT, Annamalai University, Chidambaram.

8. Attended in Conference on “Frontier Areas in Applied Physics (NCFAAP-2016)” organized by the Engineering Physics, FEAT, Annamalai University, Chidambaram, Tamilnadu on 27th April 2016.

Short-Term Training Program

Sl. no.	Title of the Programme	Period of the Program	Organized by
1	AICTE-ISTE “Environmental Impact Assessment for Thermal Power Projects”.	22 nd Nov 3 rd Dec 2004. (12 Days)	Department of Civil Engineering, FEAT, Annamalai University. Annamalainagar. Tamilnadu
2	AICTE – SDP on “Disaster Mitigation and Rehabilitation of Structures “(DiMaRoS – 2009).	27 th April 8 th May 2009. (12 Days)	Department of Structural Engineering, FEAT, Annamalai University. Annamalainagar.
3	AICTE –MHRD “Plannining, Design and Evaluation of Urban Transportation Systems” (UTS 2010).	31 st May 11 th June 2010 (12 Days)	Department of Civil Engineering, NIT, Calicut.
4	AICTE –SDP on “Waste to Energy”	20 st May 02 th June 2012. (14 Days)	Department of Civil Engineering, KSR college of Engineering, Tiruchengode.
5	AICTE-MHRD FDP on “Green Building Technology- Changing Paradigms”.	June 09-14, 2014 (6 Days)	Department of Architectural Engineering, NIT, Calicut.
6	AICTE- “Advances in Wastewater Treatment and Air Pollution Control Techniques” (AWTAPCT).	13-25 November 2017 (13Days)	Department of Chemical Engineering, FEAT, Annamalai University. Annamalainagar.
7	AICTE -STTP on “An Integrated Approach of Engineers towards: Water, Food, Energy & Climate Nexus in a changing world”	27 th May to 01 th June 2019 (FDP-One Week)	Department of Civil Engineering, Nandha Engineering College, Erode.
8	AICTE- STTP on “Computer aided design and analysis of structures using finite element method in structural Engineering”	17 to 22 th June 2019 (FDP-One Week)	Department of Civil Engineering, Easwari Engineering College, Chennai.
9	Short Term Training Programme through ICT mode on Effective Teaching.	15 to 19 th July 2019 No: ICT/2019-20/7946	GCE, Dharmapuri. National Institute of Technical Teachers Training and Research (NITTTR), Kolkata.
10	Anna University, Chennai –six-day FDTP on “CE8601 Design of Steel Structural Elements”	25 th to 30 th November 2019.	Department of Civil Engineering, Anna University Regional Campus- Tirunelveli, Tamilnadu

11	International Week of Yoga2020, Yoga at Home and Yoga with Family	15 rd to 21 th June 2020.	Department of Physical Education,Dr.M.G.R.Educational and Research Institute,Chennai.
12	BSNL-Three weeks Industrial Training on- Telecom Tower Construction	26 rd May to 13 th June 2020.	Rajiv Gandhi Memorial Telcom Training Centre, Bharat Sanchar Nigam Limited,Meenambakkam,Chennai.
13	ISTE, New Delhi &IGS,Trichy –One week STTP on “Practical Aspects of Civil Engineering ”	3 rd Aug to 8 th August 2020.	Department of Civil Engineering, Sethu Institute of Technology, Virudhunagar, Tamilnadu
14	UGC-SAP-DRS -II &Guru Angad Dev Teaching Learning Centre of MHRD, SGTB Khalsa College, Delhi University- Two-weekFDP on “Designing Mooc’s, Digital Skills and E-Content Development”	17 th to 30 th August 2020 (2weeks)	Department of Education, Annamalai University. Annamalainagar.
15	AICTE – AQIS, STTP on “Low Carbon Energy Buildings (Phase-III)”	14 th to19 th September 2020. (1Week)	Department of Civil Engineering, Mahendra Engineering College,Namakkal,Tamilnadu
16	AICTE one week STTP on “Optimization, Modelling and Simulation for Process Industries (MOSCHEM III-2021)”	04 th to09 th October 2021. (1Week)	Department of Chemical Engineering, Annamalai University Annamalainagar,Chidambaram, Tamilnadu
17	AICTE one week FDP on “Alternate Building Construction Materials towards Green Environment”	25 th to 29 th October 2021. (1Week)	Department of Civil Engineering, Government college of engineering and technology,Coimbatre, Tamilnadu

Seminars/Symposia/ Workshops Attended

Sl. no.	Title of the Program	Period of the Program	Organized by
1	One day National Seminar on "Solid & Hazardous Waste Management Strategies" (SHWM-2005)	22 nd October 2005.	Department of Civil Engineering, FEAT, Annamalai University, Chidambaram.
2	One day 5 th National Workshop on "Solid Waste Management".	21st March 2006.	Department of Chemical Engineering, FEAT, Annamalai University, Chidambaram.
3	Five day 94 th Indian Science Congress, The Indian Science Congress Association.	03 – 07, January 2007.	Annamalai University, Chidambaram.
4	Two-day National Workshop on "Nanotechnology: Environmental Implications and Solutions" (NEIS 2007)	9 th & 10 th , March 2007.	Department of Civil Engineering, FEAT, Annamalai University, Chidambaram.
5	UGC-National Seminar on "Spatial Modelling and Soft Computing in Water Resources Management" (SSWRM 2008)	14 th & 15 th March 2008.	Department of Civil Engineering, FEAT, Annamalai University, Chidambaram.
6	Two-day Software Training Programme on "ArcGIS and Visual MODFLOW".	17 th & 18 th , October 2014.	Department of Civil Engineering, FEAT, Annamalai University, Chidambaram.
7	MHRD-NTP on "Analytical Instruments (CHNS and FTIR) for Analysis of Compounds from Bioresources".	25 th February 2016.	Centre of Advanced study in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai.
7	UGC SAP- One day STP on "Code of Professional Conduct: Student and Staff Relationship".	March 16, 2016	Department of Civil Engineering, FEAT, Annamalai University, Chidambaram.
8	DST-FIST. National seminar on "Lakes, Rivers & Wetlands Climate Change Perspective".	28 th & 29 th , March 2016.	Department of Earth Sciences, Annamalai University, Chidambaram.
9	Training programme on "Motivation to Freshers".	30 th March 2016.	Engineering Physics, FEAT, Annamalai University, Chidambaram.

10	UGC- One day workshop on “PT Systems in Civil Engineering Projects “(POTSCEP-16)	22 nd December 2016.	Department of Civil Engineering, FEAT, Annamalai University. Chidambaram.
11	UGC-National workshop on “Recent Developments in Science and Engineering Materials “ (NWRDSEM-2017)	01st March 2017.	Engineering Physics, FEAT, Annamalai University, Chidambaram.
12	Six days online workshop on “Contour Crafting-3D Building Printing Technology”	18 st May to 23 rd May 2020	Department of Civil Engineering, Easwari Engineering College, Chennai.
13	International virtual Seminar on “Application of Drones in Surveying & Construction”	24 th July 2020.	Department of Civil Engineering, Sethu Institute of Technology, Virudhunagar, Tamilnadu.
14	UGC-SAP-DRS -II & Guru Angad Dev Teaching Learning Centre of MHRD, SGTB Khalsa College, Delhi University-One dayNational Seminar on “Designing Mooc’s, Digital Skills and E-Content Development”	14 th August 2020	Department of Education, Annamalai University. Annamalainagar