



SRM Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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Department of Civil Engineering

Personal Details

Name :	Ms.S.MOHANA SUNDARI	
Designation :	Assistant Professor-Senior grade	
Educational Qualification :	M.E.,	
Experience:	14.5 Years	
Area of Specialization :	Environmental Engineering	
Date of Birth :	09/06/1981	
Date of Joining :	28.06.2017	
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E	Civil Engineering	Madurai Kamaraj University	2002
2	M.E	Environmental Engineering	Anna University	2004

Professional Society Memberships

1. Indian Society of Technical Education: Life Member LM61700
2. Institute of Engineers : Life Member M1593298

Publication Details

JOURNALS

1. Designing of Power Generation Plant From Landfill Gas (Biofuel), Vol 9, Issue 3, pp 30-35, IJSER, March 2018.
2. Evaluation of Cost Effective Sewage Treatment Plant For Augmentation Of Irrigation Water Supply In Sulur Small Tank, Sulur. Vol 1, pp 1-4, IJARI, March 2018,ISSN 2347-3258.
3. Designing Of Power Generation Plant From Landfill Gas (Biofuel), Vol 1,pp1-6, IJARI, March 2018,ISSN 2347-3258.
4. Extraction of Biogas from Sugarcane Molasses Spent Wash, Vol. 6, Issue 02, March 2018 IJSRD , ISSN (online): 2321-0613
5. Aerobic septic system for a residential Apartments, vol 6,Issue 3,pp 1942-1945, IRJET ,March 2019, ISSN:2395-0072.
6. Utilization of Sugarmill waste in manufacturing of bricks, vol 6,Issue 3,pp 1377-1380,IRJET, March 2019,ISSN: 2395-0072.
7. Experimental study on eco-blac bricks, vol 6,Issue 3, pp 2395-0072,IRJET, March 2019, ISSN: 2395-0072.

8. Enhancing the performance of concrete by using Nano Silica, vol 6, Issue 3, pp 2395-0072, IRJET, March 2019, ISSN: 2395-0072.
9. An Experimental Study on Partial Replacement of Cement with Granite Powder, Volume 9, Issue 4, e-ISSN: 2319-8753, IJIRSET, April 2020, p-ISSN: 2320-6710.
10. An Experimental Study On Effects Of Granite Powder In Paver Blocks, IRJET, Volume: 07 Issue: 04 Apr 2020, e-ISSN: 2395-0056, p-ISSN: 2395-0072.
11. Strength And Durability Of Polymer Modified Steel Fiber Reinforced Concrete, Solid State Technology Volume: 63 Issue: 6 Publication Year: 2020.

Publication Details

CONFERENCE

1. Extraction of biogas from sugarcane molasses spent wash, PAALAM 18, A National Conference on creative ideas on Civil Engineering, held on 17th & 18th of April 2018 at Dr.M.G.R University, Chennai.
2. Experimental study on Growth of Potential in Microalgae in Dairy waste water, ICSA 2021, International Conference on smart Automation in Computer, Electrical, Electronics and Communication Engineering on 10.04.2021 at SRM Valliammai Engineering College, Kattankulathur.

CONFERENCES/ SEMINAR/ WORKSHOPS ORGANIZED

1. Organized a Guest Lecture on " Recycling and Reuse of Wastewater" at SRM Valliammai Engineering College on 16.03.2018.
2. Organized a Guest Lecture on " Application of nanotechnology in Civil Engineering" at SRM Valliammai Engineering College on 21.08.2018.
3. Organized Department Alumni Meet on 09.12.2018 at SRM Valliammai Engineering College.
4. Organized Department Alumni Meet on 08.12.2019 at SRM Valliammai Engineering College.
5. Organized a Guest Lecture on " Sequential Batch reactor in aerobic Treatment" at SRM Valliammai Engineering College on 10.03.2020
6. Organized an International Guest Lecture on "Challenges Faced by Civil Engineers in Construction Field" at SRM Valliammai Engineering College on 25.09.2020 through Online Mode.
7. Organized a Guest Lecture on "Role of Civil Engineering in Military Services" at SRM Valliammai Engineering College on 08.10.2020 through Online Mode.
8. Organized a Guest Lecture on "Recent advances in solid waste management" at SRM Valliammai Engineering College on 27.03.2021 through Online Mode.
9. Organized a Guest Lecture on "Water Resources Management" at SRM Valliammai Engineering College on 09.04.2021 through Online Mode.
10. Organized a Guest Lecture on "Basis on Hydropower Engineering" at SRM Valliammai Engineering College on 24.04.2021 through Online Mode.
11. Organized Department Alumni Meet on 12.12.2021 at SRM Valliammai Engineering College through online mode.

12. Organized Virtual Industrial Visit on “Hydraulic Structures and Model Studies” at SRM Valliammai Engineering College on 29.01.2022 through Online Mode.

STTP/FDP PARTICIPATED

- Completed ARPIT Online Certification course on course title “Sustainable Construction materials and Techniques” on 21/08/2021.
- Participated in the Online Training Programme on "Question Paper Authoring and Student Evaluation" Conducted by NITTTR, Chennai from 13.09.2021 to 17.09.2021 (One Week).
- Completed NAAC Sponsored 2-day online workshop on Incubating Seven Attributes of Teaching-Learning Process in Higher Education Institution: Post COVID-19 on 03.06.21 to 04.06.21
- Completed NITTT Module 2-Professional Ethics sustainability, Module V- Technology Enabled Learning and lifelong self-learning.
- Faculty Development Programme on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 22.03.21 to 26.03.21.
- Faculty Development Programme on “Real Estate Management” organized by Chh.Shahu Institute of Business Education & Research. from 08.02.2021 to 12.02.2021.
- Faculty Development Programme on “Blended Learning and Flipped Classroom” organized by Vellore Institute of Technology from 18.01.2021 to 22.01.2021.
- Faculty Development Programme on “Waste Technology” organized by University College of Engineering, Anna University, Tiruchirappalli from 12.10.2020 to 16.10.2020.
- Faculty Development Programme on “Green Technology & and Sustainability Engineering” organized by National Institute of Technology Jamshedpur from 14.09.20 to 18.09.20.
- Faculty Development Programme on “Recent Advances in Pavement Material Testing and Design” organized by Misrimal Navajee Munoth Jain Engineering College from 14.12.20 to 19.12.20.
- Faculty Development Programme on “Recent Advances in Land Surveying and Mapping - II” organized by S.A Engineering College from 7.12.20 to 12.12.20.
- Faculty Development Programme on “Recent Advances in Land Surveying and Mapping - I” organized by S.A Engineering College from 23.11.20 to 30.11.20.
- Faculty Development Programme on “Industrial and Municipal Solid Waste Management” organized by P. S. R. Engineering College from 24.08.2020 to 29.08.2020.
- Faculty Development Programme on “Recent Advances in Pavement Material Testing and Design” organized by MNM Jain Engineering College from 17.08.2020 to 22.08.2020.
- Faculty Development Programme on “Low Carbon Energy Building” organized by Mahendra Engineering College from 27.07.2020 to 02.08.2020.
- Faculty Development Programme on “Smart Solutions in Civil Engineering” organized by SRM Institute of Science & Technology, Ramapuram from 21.07.2020 to 23.07.2020.
- Faculty Development Programme on “Emerging Trends in Transportation Engineering” organized by Kumaraguru college of Technology from 21.07.2020 to 26.07.2020.
- Faculty Development Programme on “Recent Trends in Concrete Technology and Environmental

Engineering” organized by Hindusthan College of Engineering and Technology from 02.07.2020 to 04.07.2020.

- Faculty Development Programme on “Advanced E-Learning in Structural Engineering Design Concepts” organized by Hindusthan College of Engineering and Technology from 29.06.2020 to 01.07.2020.
- Faculty Development Programme on “Emerging trends in Civil Engineering” organized by Easwari Engineering College from 30.06.2020 to 02.07.2020.
- Faculty Development Programme on “Pavement Design,Construction and Rehabilitation” organized by Vignana Bharathi Institute of Technology from 25.06.2020 to 27.06.2020 .
- Faculty Development Programme on “Recent Advances in Civil Engineering” organized by S.A Engineering College from 22.06.2020 to 24.06.2020.
- Faculty Development Programme on “Foundation Engineering” organized by Saveetha Engineering College from 23.06.2020 to 25.06. 2020.
- Faculty Development Programme on “Emerging Trends in Civil Engineering” organized by Easwari Engineering College from 15.06.2020.to 17.06.2020
- Faculty Development Programme on “Innovative Technologies in Civil Engineering and Applications (ITCA)” organized by St. Peter’s Engineering College, Hyderabad from 01.06.2020 to 05.06.2020
- Faculty Development Programme on “Foundation Engineering, Fluid Mechanics and Structural Design for Civil Engineering” organized by SRM Valliammai Engineering College from 11.05.2020 to 15.05.2020.