


SRI SAIRAM ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING

Name & Photo	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="flex: 1;"> Ms. N. NISHA </div>  </div>
Designation	ASSISTANT PROFESSOR
Qualification	B.TECH, M.TECH,(Ph.D)
Area Of Specialization	SUSTAINABLE CONCRETE
Experience	Teaching: UG: 14.8 Years PG: NIL Industry: NIL
Number Of Workshops/Conferences/ FDP Attended	Workshop: National-10 International-NIL Conference: National- 1 International- 1 FDP:8
Publication	Journals: National- 10 International- 3
Research Guidance	NIL
E-Mail	nisha.civil@sairam.edu.in
Membership	IAENG – 188457 ICI: OLM 11817 IEEE: 000098102317 ISTE:LM 131561
ATL MENTOR	14102027
Achievements	UNIVERSITY GOLD MEDALIST IN BOTH UG AND PG

Workshop / Conferences / FDP attended:

1. Participated in the Faculty Development Programme on New generation Construction materials and technologies a conducted by Sir M.Visvesvaraya Institute of Technology on 5.01.2023 to 06.01.2023
2. Participated in the AICTE Recognized Faculty Development Programme on Artificial Intelligence & IoT Applications in Civil Engineering conducted by NITTTR from 12.09.2022 to 16.09.2022
3. Attended online one day workshop on” Resilience of concrete construction ” organized by IIT Madras on 23rd May 2020
4. Attended expert lecture on” latest trends and technologies in water proofing” organized by ICI Bangalore on May 5th 2020
5. Attended Webinar on “handling of liquid waste “ by B.S.Abdur Rahman Crescent Institute on 8.5.2020
6. Attended Webinar on “energy auditing in industries “ by Dr.N.G.P Institute of Technology, along with IIC on 16.5.2020
7. Attended Webinar on “Planning for building construction as per Tamilnadu combined Development and building Act 2019“ by Francis Xavier engineering college on 15.5.2020
8. Attended Season 5 of Skycampus on the theme “The Future of Skills - Education, Employment & Entrepreneurship” Conducted on 13 May 2020(10.00 am to 11.30 am) by ICT academy
9. Participated in the Online Super Session on “Change is the Essence of Life “expert session by Bharathi Baskar conducted on 25 May 2020 (5:00 pm - 6:00 pm) by ICT Academy.
10. Attended FDP on “Application of Construction Techniques and Practices in Civil Engineering” from 25 May 2020 to 31 May 2020 organized by Department of Civil Engineering, School of Environmental and Construction Technology, Kalasalingam Academy of Research and Education
11. Attended FDP on “Advancements in concrete technology” from 12 May 2020 to 16 May 2020 organized by Kongu Engineering College
12. Attended FDP on “social responsibilities of educationist in COVID-19” on 22 April 2020 organized by SRM institute of science and technology, ramapuram , Chennai.
13. Attended Webinar on “Advances in Remote Sensing “ by Mahatma Gandhi institute of technology, hyderabad on 9.6.2020
14. Attended Webinar on “Geospatial Technology “ by Mahatma Gandhi institute of technology, hyderabad on 10.6.2020
15. Successfully attended Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6th Jun by MHRD's Innovation Cell
16. Successfully attended Leadership talk With Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. by MHRD's Innovation Cell on May 23rd

17. Successfully attended the India First Leadership Talk webinar broadcasted On 2nd May, 2020 by MHRD's Innovation Cell
18. Attended National level Webinar on "earthquake resistant structures " by S.A Engineering College on 13.5.2020
19. Attended Webinar on "Environmental Impact Assessment and its legal aspects " by S B.S.Abdur Rahman Crescent Institute on 6.5.2020
20. Attended Webinar on "Handling Solid Organic Waste – waste to energy (ANDICOS) " by S B.S.Abdur Rahman Crescent Institute on 11.5.2020
21. Attended Webinar on "How to get published in scientific journal " by Sri Sairam institute of technology, hyderabad on 27.4.2020
22. Attended Five days FDP on "Innovation in teaching pedagogy"at Sri Sairam Engineering College from 10th to 14th December 2019
23. Attended one day workshop on " Intellectual property rights and innovation"at Sri Sairam Engineering College On 20th July 2019
24. Attended one day ICI workshop on "Structural design of building systems" at IIT, Madras on 28th December 2019
25. Attended "Quality Management System and Audit Training" at Sri Sairam Engineering College on June 2018
26. Participated and presented paper on "use of rice husk ash and flyash in concrete" in national conference on recent trends in engineering "NCRTE 2016" at P B college of engineering
27. Participated in one day national level workshop on "Modernistic Management Practices in Construction industry (MMPCI-2015)'held at SRMU
28. Participated in the IIC Online Sessions conducted by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi from 28th April to 22nd May 2020
29. Participated in the national webinar on "research and innovations in defence sector conducted by intellectual property rights cell in association with Sri Sairam Engineering College on 24.6.2020
30. Participated in the national webinar on "R&D proposal writing for faculties conducted by intellectual property rights cell in association with MHRD & Sri Sairam Engineering College on 12.6.2020
31. Participated in the "Technical Webinar – International series - I " through web on "Emerging Trends in Civil Engineering" organized by Department of Civil Engineering, Easwari Engineering College from 15th June to 17th June 2020.

Papers Published/Presented in various National & International Journals:

JOURNALS

1. Published a paper titled "A Novel Optimization Algorithm for Modifying the Parameter Unit of Solar PV Cell" in Hindawi International Journal of Photoenergy Volume 2022, Article ID 5240115
2. Published a paper titled "Experimental Investigations on the Mechanical Characteristics of Natural Fiber Particle-Reinforced Polymer Composites under Cryogenic Environment" in Hindawi Journal of Nano

materials Volume 2022, Article ID 1864169

3. Published a paper titled “A Case Study on Redevelopment Plan and Design of Chennai Anna Salai” in International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 6 Issue 1, November-December 2021
4. Published a paper titled “Investigation on Waste Plastic Sustainable Cellular Lightweight Concrete” in International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 6 Issue 1, November-December 2021
5. Published a paper titled “Retrofitting Of M-30 Concrete Using Geotextile Composite” in GIS Science Journal ISSN NO : 1869-9391
6. Published a paper titled “Partial Replacement of Cement By Using Cashew Nut Shell, Prosopis Juliflora, Carrot Peel Waste And Potato Peel Waste” in GIS Science Journal ISSN NO : 1869-9391
7. Published a paper titled “Experimental Analysis On Self Sensing Characteristics Of M30 Concrete” in Ilkogretim Online - Elementary Education Online, 2020; Vol 19 (Issue 2): pp. 1702-1712
8. Published a paper titled “A Study On Environmental Impact Assessment (Eia) For A Sugar Industry” in Ilkogretim Online - Elementary Education Online, 2020; Vol 19 (Issue 2): pp. 1713-1721
9. Published a paper titled “Eliminating green house gas by carbondioxide cutting of concrete” in March - April 2020 ISSN: 0193-4120 Page No. 7476 - 7479
10. Published a paper titled “Rice Husk Ash in ferrocement concrete” in Journal of the Gujarat Research Society vol.21 No.17(2019)
11. Published a paper titled “performance evaluation of plastic granules and quarry dust as fine aggregate in M40 grade concrete” in IJRDO ISSN: 2456-1479
12. Published a paper titled “Retrofitting of RCC beams using glass fiber sheet and jute fiber sheet” in IJARIE ISSN(0): 2395-4396 vol 3 issue 3 2017
13. Participated and presented paper on “use of rice husk ash and flyash in concrete” in national conference on recent trends in engineering “NCRTE 2016” at P B college of engineering

Online courses

Coursera: 9

Udemy: 3

Future skills:3

NITTTR:7 modules

NPTEL : 2 courses

