



P.S.R. ENGINEERING COLLEGE
(An Autonomous Institution & Affiliated to Anna University, Chennai)
(An ISO 9001:2015 Certified Institution)



SIVAKASI – 626140.

FACULTY PROFILE

Name of the faculty : Mrs.A.Dhanalakshmi
Name of the Department : Civil Engineering
Present Designation : Associate Professor
Date of Joining : 11.06.2014
Mail Id : dhanalakshmi.a@psr.edu.in



Particulars of Educational Qualification:

Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University
B.Tech	--	2012	Kalasalingam University	Kalasalingam University
M.E	Structural Engineering	2014	P.S.R.Engineering College	Anna University
Ph.D	Self Compacting Concrete	(Pursuing)	P.S.R.Engineering College	Anna University

EXPERIENCE

PERIOD	NO OF YEARS	DESIGNATION	INSTITUTION
11.06.2011 to Till Now	7 Years 6 Months	Associate Professor	P.S.R. Engineering College

JOURNALS PUBLICATIONS

- Dhanalakshmi A**, poonkuzhali A “BEHAVIOURAL STUDY ON LIGHTWEIGHT CONCRETE” International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 Index Copernicus Value (2013): 6.14 | Impact Factor (2015): 6.391
- Dhanalakshmi.A**, Venkatesgwari.N,Bharathi.S “Study Of Strength Properties Of Concrete By Partial Replacement Of Fine Aggregate By Steel Slag” *SSRG International Journal of Civil Engineering- (ICRTCETM-2017) -Special Issue – April 2017.*
- Dhanalakshmi.A**, Vignesh.B , Vinayak.s “Experimental Study of Composite Flexible Pavement Using Waste Plastics And Tyres” *SSRG International Journal of Civil Engineering- (ICRTCETM-2017) -Special Issue – April 2017.*

4. **Dhanalakshmi.A**, Vignesh kumar.K , Tamil Selvan.B “*Experimental Study of Composite Flexible Pavement Using Waste Plastics*” *SSRG International Journal of Civil Engineering- (ICRTCETM-2017) -Special Issue – April 2017*
5. **Dhanalakshmi, A.**, Shahul Hameed, M., “Review Study on High Strength Self Compacting Concrete” *International Journal of Science Technology and Engineering(IJSTE)*, Volume 4, Issue 12, June 2018.
6. **Dhanalakshmi, A.**, Shahul Hameed, M., “Physical Properties of High Strength Self Compacting Concrete using Silica fume and Quarry dust” *International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST)*, ISSN (ONLINE):2456-5717, Vol.4, Issue.11, November 2018.
7. **Dhanalakshmi, A.**, Shahul Hameed, M., “Experimental Investigation of Self Compacting Concrete by Partially Replacing Fine Aggregate with Quartz Sand with Use of Recron Fibre” *International Research Journal of Engineering and Technology (IRJET)*, ISSN: 2395-0056 Volume: 05 Issue: 11 | Nov 2018.
8. “An experimental study on corrosion initiative of infused reinforcing bar in concrete” Virtual International Conference on Emerging Trends on Structural Engineering organized by velour institute of Technology, Chennai.
9. “Influence on the Mechanical and Rheological Properties of High Strength Self Compacting Concrete by incorporating Marble Sludge powder” ICCODS2020 organized by P.S.R.Engineering College, Sivakasi.
10. Mr.S.Nagamani, Ms.M.Prema **Mrs.A.Dhanalakshmi**, “Analysis of Factors Causing Disputes between Owners And Contractors In Apartment Construction Projects” HBRP Publication, May 2021.
11. S.Pavithra, P.Priyadharshini, D.Sriharini, **Mrs.A.Dhanalakshmi**, “Experimental Study On Pullout Behaviour Of High Strength Self Compacting Concrete” *International Research Journal of Engineering and Technology*, March,2021
12. Velci Shridevi, PA., Ashok, M., Daniel Ronald Joseph, J., **Dhanalakshmi, A.**, “An experimental study on corrosion initiative of infused reinforcing bar in concrete”, in IOP Conf. Series: Materials Science and Engineering 989 (2020) 012024, doi:10.1088/1757-899X/989/1/012024, September 2020.
13. **A.Dhanalakshmi**, M.Shahul Hameed, “Influence on the Mechanical Properties of Quartz Sand and Marble Sludge Powder as a replacement for fine aggregate in High Strength Self Compact Concrete” *Materiali in Tehnologije* , July 2021.

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S.No	Title	Application No	Year
1.	Eco-Friendly Roof Weathering Tiles	201941012315	2019
2.	Eco-Efficient Geo Polymer Bricks	202141004597 A	2021
3.	Low cost Eco-Friendly fibre false ceiling	201941004595 A	2021
4.	Carbon Neutral Concrete Wall Panel	202141046449	2021
5.	Foamed Geopolymer Paver	202141046448	2021

SEMINAR, CONFERENCE, WORKSHOP ATTENDED

- 1.**International conference on “Recent Trends in Science, Engineering, Technology & Management organized by P.S.R Engineering College, Sivakasi, 12th -13th April 2017.
- 2.** Workshop on Primavera organized by P.S.R Engineering College, Sivakasi, July 2017.
- 3.** Faculty Development programme on “Total Station” organized by P.S.R Engineering College, Sivakasi, 6th – 8th December 2017.
- 4.** Workshop on “Fundamentals of Project Management Software” organized by P.S.R Engineering College and SYNERGY, Chennai, 2nd March 2017.
- 5.** Workshop on “Extended three dimensional analysis of building system(ETABS) and Microsoft Project(MSP) organized by P.S.R Engineering College & CADD Centre Training Service Pvt.Ltd, Chennai, 23rd August 2017.
- 6.** Workshop on “Fire Safety Awareness Programme” organized by P.S.R Engineering College, Sivakasi, 13th July 2017.
- 7.** International Conference on “Innovations in Science and Technology and Management Towards Sustainability” organized by P.S.R Engineering College & NITTTR, Chennai, 10th Nov 2017.
- 8.** Workshop on “ Emerging Trends in Building Information Modelling Software” organized by P.S.R Engineering College & CADD Centre, Sivakasi, 28th June 2017.
- 9.**Seminar on “Technical Paper Writing” organized by P.S.R Engineering College, Sivakasi, Nov 2018.
- 10.**Workshop on “Tips and Tricks in Microsoft Office Organized by P.S.R Engineering College, Sivakasi
- 11.**Faculty Development programme on “Research Avenues of Neural Network in Engineering & Technology Organized by P.S.R Engineering College ,Sivakasi 24th -25th Nov 2018
- 12.** Workshop on “E-Learning Resources- Google Classroom Organized by P.S.R.Engineering College, Sivakasi 31st October 2018
- 13.** Faculty Development programme on “Outcome Based Education and AICTE Model Curriculum Organized by P.S.R Engineering College 28th July 2018
- 14.** Two days Hands on Training on ‘Remote Sensing and Geographical Information System Organized by P.S.R Engineering College, Sivakasi 24th -25th Sep 2018
- 15.** Faculty Development programme on “CE6501-Stystructural Analysis-1” Organized by K.L.N College of Information Technology, Madurai 28th May- 3rd June 2018.
- 16.** National Conference on “Innovative Practices, Recyclable Materials and Energy Efficient Methods In Civil Engineering”. Organized by P.S.G Institute of Technology and Applied Research

23th -24th March 2018.

17. Short term course on Numerical Analysis Using Matlab Organized by National Institute of Technology Tiruchirapalli May 2019
18. Cynical Challenges in Social IOT Organized by P.S.R Engineering College, Sivakasi 22nd Jan 2019
19. New Engineering Creations in Engineering and Technology Organized by Nadar Saraswathi college of Engineering & Technology 22nd March 2019
20. Hands on Training Programme on “Advanced Equipments for Concrete and Bitumen” Organized by PSG College of Technology, Coimbatore 13-14 September
21. Five Day Hands on Training on “ETABS” Organized by Coimbatore Institute of Technology 22.11.2019 to 26.11.2019
22. One day Seminar on “3rd Generation Waste Biomass Degradation & Solid Waste Management using GIS” Organized by Vel Tech ,Chennai Vel Tech ,Chennai
23. Four Day webinar on “ An Effective Research Paper Writing Skills” Organized by Bhagwan Mahavir College commerce and Management Studies, Surat,Gujarat 13.04.2020 to 16.04.2020
24. AICTE-STTP on “Non Destructive Testing Method” Organized by Thiyagarajar Polytechnic College 7th – 12th December
25. Webinar on “Sustainable Developments in Flexible Pave Structures” Organized by Kalasalingam University 7.6.2020
26. Environmental webinar Series on “ Cleaner Technology on Waste Water Treatment” Organized by Sethu Institute of Technology 5.6.2020 to 06.06.2020
27. Webinar on “ Challenges in Design And Construction of World’s Tallest Bridge” Organized by SRM Institute of Science & Technology, Ramapuram. 06.05.2021
28. FDP on “Recent Advances in Civil Engineering - RACE – 2020” Organized by Vidya Jyothi Institute of Technology 10th to 11th June 2020
29. AICTE-ISTE approved orientation Program on “ Strength of Materials- An effective Teaching Methodology Organized by Nalla Narasimha Reddy Education Society’s Group of Institution and Technology, Hyderabad, Telungana 26.4.2121 to 1.05.2021
30. webinar on “Concrete- A 360 degree View from Quality Perspective in Maharashtra Metro” Organized by Department of Civil Engineering, SRM Institute of Science & Technology, Ramapuram, Chennai-8924th May 2021.
31. Webinar on “INDUSTRIAL AUTOMATION Organized by FRANCIS XAVIER ENGINEERING COLLEGE, Tirunelveli
32. AICTE-FDP on “Structural Assessment, Repair and Rehabilitation of Structures Organized by Sri Krishna College of Engineering and Technology 10.05.2021 to 22.05.2021
33. Awareness Programme On “Smart City Project Evaluation: A Need For Civil Engineers

“Organized by PSNA College of Engineering & Technology , Dindigul

34."Mass Housing Using Quick Build Panels (3D Sandwich panels) for Cyclone and Earthquake Prone Areas Organized by SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN 18-05-2021

35.Guest Lecture on “Features and Reaches of self-compacting concrete Organized by Sethu Institute of Technology, Kariapatti 21-05-2021

36. Webinar on “3D Painting in Construction: Building The home For Future “organized by Dr.N.G.P. Institute of Technology, Coimbatore 21.05.2021.

OTHER ACHIEVEMENTS

1. Innovative Plan and Design of a Commercial Complex award by CADD Master 5C

PORTFOLIO:

- NAAC Criteria 1 – Co-coordinator
- NBA Civil Criteria 1 and 2 – Co-coordinator
- Automation Incharge
- Subject Allocation and Time Table Incharge