

FACULTY PROFILE

Name : S. Yamini Roja
 Designation : Assistant Professor
 Email ID : yaminiroja.ce@srit.org



Area of Specialization : Structural Engineering

Total Experience : Academic : 2 years

Educational Qualification:

Degree	Branch / Specialization	College	University
M.E	Structural Engineering	Dr. Mahalingam College of Engineering & Technology, Pollachi	Anna University
B.E	Civil Engineering	Ranganathan Engineering College, Coimbatore	Anna University

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology	Assistant Professor	30.06.2014	Till now	2 years
Total (as on June 2016)					Years 2 Months

Publications :

Journals :

1. S. Yamini Roja, P.Magudeaswaran, S. Marvel Dharma and Dr. P. Easwaramoorthy(2016) 'Analytical Study on Flexural Behaviour of Concrete Beams Reinforced With Steel

- Rebars by Abaqus’** *International Journal of Research and Innovation in Engineering Technology* ISSN: 2394 – 4854 Volume: 02 Issue: 12 P.No: 35 – 39
2. R.Resmi and S.Yamini Roja (2016) ‘**A Review on Performance of Shear Wall**’ *International Journal of Applied Engineering Research*, ISSN 0973-4562 Vol. 11 No.3 PP- 369-373
 3. S. Marvel Dharma and S. Yamini Roja (2016) ‘ **Review on Performance of Behaviour of Glass Fibre Reinforced Polymer RC members**’ *SSRG International Journal of Civil Engineering*, ISSN: 2348 – 8352 PP-33-35
 4. M Bala Vinayag, M I Abdul Aleem, J Tharrini and S Yamini Roja (2015) ‘**Review on Strength and Durability Characteristic of Geopolymer Concrete With Macro Silica, Nano Silica**’, *International Research Journal of Engineering and Technology (IRJET)* ISSN: 2395 -0056, Volume: 02 Issue: 09 pp-1-4.
 5. P.Magudeaswaran, P.Easwaramoorthi, S. Yamini Roja and T. R. Raghavan (2015) ‘**Investigation on the Flexural Performance of Green High-Performance Reinforced Concrete Beams using Manufactured Sand**’, *International Journal of Applied Engineering Research*, ISSN: 0973-4562 Volume-10 No.47, pp-32517-32522.
 6. M. Priya, S. Yamini Roja, S. Sidhardhan and B. Perumal (2015) ‘**Study on two Dimensional Dispersion of Pollutants through Porous Media**’, *International Journal of Innovative Research in Engineering & Management (IJIREM)* ISSN: 2350-0557, Volume-3, Special issue-1, pp-204-211.

National Conferences:

1. S. Yamini Roja, S. Marvel Dharma and P. Magudeaswaran **Comparative Study on Flexural Behaviour of Concrete Beams Reinforced with GFRP & Steel Bars** National Conference on Materials and Technologies for Sustainable Infrastructure at Government College of Technology, Coimbatore during 7-8 May 2015. (pp-174-181)

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	Fifth National Conference on “Innovative Practices in Construction & Waste Management”	Two days (08.04.2015-09.04.2015)	National

Seminar, Conference, Workshop , FDP Attended:

Workshop / FDP

1. Two day workshop on **Fracture Mechanics of concrete** at Amrita University during 11 - 12 January 2016.
2. Two week STTP on **Introduction to structural Engineering** organized by IIT Kharagpur at Sri Ramakrishna Institute of Technology (January 2016)
3. One day workshop on **Development of Sustainable Infrastructure** at Coimbatore Institute of Technology, Coimbatore on 20th August 2015.
4. One day workshop on **Recent Advances in Construction Techniques** at Coimbatore Institute of Technology, Coimbatore on 14th August 2015.
5. Two week ISTE STTP workshop on **Environmental Studies** organized by IIT Bombay at Sri Ramakrishna Institute of Technology during 2-12 June 2015.
6. Faculty Development Training Programme on “**Design of Steel Structures**” organized by Centre for Faculty Development, Anna University, Chennai during 10-17 December 2014.
7. Workshop on **Vibration – Measurement and Control** at Dr. Mahalingam College of Engineering & Technology, Pollachi on 20th April 2013.
8. One day workshop on **Tsunami and the Protection Measures** at Jansons Institute of Technology, Coimbatore on 23rd July 2011.
9. One day workshop on **Modern Developments in Construction Technology** organized by Sengunthar Engineering College, Tiruchengode on 19th August 2010.

Seminar

1. ISRO sponsored National seminar on **GIS Solutions for Highway Traffic Management** at Nandha Engineering College, Perundurai on 30th April 2016.
2. National seminar on Modern Trends in **Foundation Engineering** at Sri Ramakrishna Institute of Technology, Coimbatore on 25th March 2015.
3. National Level one day Seminar on **Earthquake Resistant Design and Construction of Steel and Concrete Structures** at VLB Janakiammal College of Engineering and Technology, Coimbatore on 27th July 2011.

Conference

1. Presented paper in International Conference on Emerging Trends in Science, Engineering & Technology entitled **Studies on Flexural Behaviour of Concrete Beams Reinforced with GFRP Bars** at Jerusalem College of Engineering, Chennai during 18-19 April 2014.

2. Participated in Pre-Workshop and National conference on **Water Resources and Waste Water Management** at Bannari Amman Institute of Technology, Sathyamangalam during 16-17 September 2010.

Membership in Professional Bodies:

1. Member in Universal Association of Civil, Structural and Environmental Engineer (UACSE/IREED)
2. Member in International Association of Engineers (IAENG)
3. Member in International Association of Hydrological Sciences (IAHS)

Contributions to the Institution, Department and Society:

1. Placement coordinator for Civil Engineering department
2. Member in NBA Core Committee of Civil Engineering Department
3. Deputy warden for Final year girls