

FACULTY PROFILE

Name : T.Shanmugapriya
Designation : Assistant Professor (Sr.Gr.)
Email ID : tspriyavijay@gmail.com
Shanmugapriya.ce@srit.org

Area of Specialization : Construction Engineering and Management

Total Experience : Academic : 11 Years
Industry : 1 Year



Educational Qualification:

Degree	Branch / Specialization	College	University
B.E	Civil Engineering	V.L.B.Janakiammal College of Engineering and Technology, Coimbatore.	Barathiyar University
M.E	Construction Engineering & Management	Govt.College of Technology, Coimbatore.	Anna University

Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Coimbatore Consultancy, Coimbatore.	Design Engineer	19.06.01	15.04.02	9 Months
2	Maharaja Engineering College, Avinashi.	Lecturer	06.07.04	10.07.09	5 Years
3	Sri Ramakrishna Institute of Technology, Pachapalayam, Coimbatore.	Assistant Professor	11.07.09	29.02.16	5 Years 7 Months
Total (as on Feb 2016)					11 Years 4 Months

Funded Projects:

S. No.	Funding Agency	Topic	Amount Sanctioned in Rs.	Year of Sanction
NIL				

Consultancy Work:

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
1	Dyers Association, Tirupur	Conversion of dyeing waste into building blocks	2,50,000.00	2011-2013

Patents (Specify the details):

Title: Sustainable High Performance Concrete using Manufactured Sand

Application No.: 7107/CHE/2015

Publications :**Journals :**

- 1. Shanmugapriya T, Uma RN 2015 & U.Gayathri 2015, “ Flexural Behavior of Reinforced High Performance Concrete Beams with Manufactured Sand and Silica fume”, International Journal of Innovative Research in Engineering Management, ISSN 2350-0557 Vol. 3 No.1, pp. 121-126.**
- 2. Shanmugapriya T, Uma RN 2015, “Strength and Durability Studies on High Performance Concrete With Manufactured Sand as Fine Aggregate”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.2, pp. 1919-1924**
- 3. Shanmugapriya T, Uma RN , Sathish Raja K, Kaveen S 2015, “A Characteristic Study of High Performance Concrete with Silica Fume and M-Sand”, International Journal of Applied Engineering Research, Vol. 10, No. 2 pp. 4929-4938. (Annexure II)**
- 4. Shanmugapriya T, Uma RN and Meiaraj C 2014, “Influence of Manufactured Sand as Fine Aggregate on Strength Properties of High Performance Concrete”, International Journal of Earth science and Engineering, Vol 07, No. 04 , pp.1470-1475 (Annexure II)**
- 5. Shanmugapriya T, Uma RN 2014 , “Environmental Friendly Silica Fume based High Performance Concrete with M-Sand”, Pollution Research, Vol.33, Issue 01, 2014; Page No.223-227**

6. **Shanmugapriya T**, Uma RN 2013, “Experimental Investigation on Silica Fume as partial Replacement of Cement in High Performance Concrete”, The International Journal of Engineering and Sciences, Vol 2, Issue 5 pp. 40 – 45.

7. **Shanmugapriya T**, Uma RN 2012, “Optimization of partial replacement of M-Sand by Natural sand in High Performance Concrete with Silica fume”, International Journal of Engineering Sciences & Emerging Technologies, Volume 2, Issue 2, pp: 73-80

International Conferences:

1. **Shanmugapriya T**, Uma RN “High Performance Concrete for Sustainable Development with Influence of Silica Fume and M-sand”, in the International Conference on Emerging Green technologies” at Periyarmaniammai University, Tiruchy, 27 -30th July 2011.
2. **Shanmugapriya T**, Uma RN “Mechanical and Durability properties of High Performance Concrete containing Silica Fume and M-sand”, in the International fib Congress 2014, on Improving Performance of Concrete Structures” at Mumbai, 10 -14th February 2014.
3. **Shanmugapriya T**, Uma RN Durability studies of High Performance Concrete incorporating Manufactured Sand as fine aggregate in the International Conference on Advanced Engineering and Technology for sustainable development” at Karpagam College of Engineering on 5th and 6th March 2015.
4. **Shanmugapriya T**, Uma RN “Durability Properties of High Performance Concrete with Manufactured Sand” in the International Conference on Sustainable Energy and Built environment” at VIT University on 12th and 13th March 2015.

National Conferences:

1. **Shanmugapriya T**, Uma RN “Experimental Study on Compressive Strength of High Performance Concrete with Silica Fume and M-sand”, in the National Conference on Innovative Practices in Construction & Waste Management, SRIT, and Coimbatore. 20 and 21st April, 2011.
2. **Shanmugapriya T**, Uma RN “Experimental Investigation on High Performance Concrete using Silica Fume and super Plasticizer” in the National Conference on Futuristic of Concrete at Karunya University, Coimbatore . 20th July 2013.
3. **Shanmugapriya T**, Uma RN “Flexural Behavior of reinforced High Performance concrete beams with Manufactured sand and silica fume” in the National Conference on Sustainable Civil Engineering practices” at PSG College of Technology, on 14th May 2015.

Books Published:

NIL

Seminar, Conference, Workshop Organized:

S.No.	Title	Duration	Level (Intern./ National)
1	National Seminar on Innovative Construction Materials	January 20 & 21, 2010	National
2	National Seminar on Disaster Management	February 24 & 25, 2010	National
3	National Seminar on Integrated and Sustainable Water Resources Management	January 5 & 6, 2012	National
4	National Conference on Innovative Practices in Construction & Waste Management	April 3 & 4, 2013	National

Seminar, Conference, Workshop Attended:

1. Seminar on construction materials and durability of concrete structures, VLB Janakiammal College of Engineering and Technology, Coimbatore.18th Feb 2001
2. A two day Workshop on Earth quake Engineering and Design, Kongu Engineering College, Erode. 1st & 2nd, Oct 2004.
3. National seminar on Innovative construction materials, SRIT, Coimbatore, 20th & 21st Jan 2010.
4. Work Shop on Engineering Pedagogy & Curriculum Development, Indian Institute of Science,Banglore.25th & 26th March 2011
5. National Conference on “Recent Advances in Civil Engineering Research”, Karpagam University,Coimbatore.26th Feb 2011
6. A two days practical training on Total Station on October 11 & 12th, 2010, SRIT, Coimbatore.
7. National Seminar on ‘Disaster – Causes Prevention & Preparedness’, SRIT, Coimbatore. 24 & 25th February, 2011.
8. National Conference on “Innovative Practices in Construction & Waste Management, SRIT, Coimbatore.20th,21st Apr 2011
9. Workshop on “Need Based Approach for Effective Teaching”, SRIT, Coimbatore. 21st June, 2011.
10. National Seminar on “Ground Improvements Techniques”, SRIT, Coimbatore.21&22 December 2011.
11. National Seminar on “Integrated Approach for sustainable Water Resources Management”, 05&06 January 2012.
12. National Seminar on ‘Impact on Climate Change and Adaptation to Environment’, SRIT, Coimbatore. 10th October, 2012.
13. Workshop on Patents and Designs, SRIT, Coimbatore, 15th February 2012.

14. Participated in the National Conference on Innovative Practices in Construction & Waste Management, SRIT, and Coimbatore. 3rd and 4th April, 2013.
15. Workshop on A Practical Approach on Utilization of Cement and Admixtures in Concrete, Coimbatore Institute of Technology, 2nd September 2013.
16. National Seminar on “Innovative Practices in Construction and Waste Management”, SRIT, Coimbatore. 9th October, 2013.
17. Two week ISTE workshop on Engineering mechanics , SRIT, Coimbatore, 26th November to 6th December 2013.
18. Attended a Two week ISTE workshop on “Mechanics of Fluids” organized by IIT, Bombay from 26.11.13 to 06.12.13.
19. Attended a one day national workshop on Advancements in science and technology of concrete at Kumaraguru college of technology on 04.09.14.
20. Attended a National seminar on Modern Trends in Foundation Engineering at Sri Ramakrishna Institute of Technology on 25.03.15.
21. Participated in the Fifth National Conference on Innovative Practices in Construction and Waste Management at Sri Ramakrishna Institute of Technology on 08.04.15 to 09.04.15.

Ph.D., Guidance / Supervisor ship:

Name of Scholar	Course	Area of Research	Status
NIL			

Guest Lectures Delivered:

Topic	Institution	Date(s)
NIL		

Membership in Professional Bodies:

1. Life member of ISTE

Contributions to the Institution, Department and Society:

1. NBA (National Board of Accreditation) coordinator for the department
2. Acted as Member in Academic Advisory Committee
3. Acted as chair person for class committee.
4. Acted as Member in Anti ragging Committee
5. Department Time Table Incharge
6. Faculty Incharge for the Institution of Engineers (India) student Chapter(Civil Department)
7. Faculty Advisor for the Civil Engineering Association for the year 2011-2012 & 2012-13

8. Actively participated in conducting Seminars / Conference / Graduation Day / Annual Day & Sports Day apart from departmental programmes.
9. Class Tutor for various batches of students.
10. Organized Panorama'12 and Panorama'13 (National Level Technical Symposium)
11. Fluid Mechanics Lab Incharge
12. Delivered a lecture on "**Quality Control in construction**" to staff members of Senthur Associates, Tirupur on 18th May 2011.
13. Delivered a lecture on "**House Keeping & Clean Environment**" to public in Ward No.4, Palladam Municipality, Palladam Taluk on 12th March 2012.
14. Delivered a lecture on "**Innovative Construction Materials & Methods**" to staff members of Villa Builders, Coimbatore on 20th February 2013.

Awards and Recognitions:

Best outgoing student Award for the academic year 2000-2001 from VLB Janakiammal College of Engineering and Technology, Coimbatore.

Member Board of Examiner (Question Paper Setting & Valuation) in various Universities and Colleges

1. Karunya University, Coimbatore
2. Avanashilingam University, Coimbatore
3. Kumuraguru College of Technology, Coimbatore
4. Kongu Engineering College, Coimbatore
5. Sri Ramakrishna Engineering College, Coimbatore
6. Bannari Amman Institute of Technology, Sathyamangalam
7. Kongu Engineering College, Erode.