Dr. S. Rahima Shabeen

Assistant Professor

Department of Civil Engineering

Anna University

044-22357404

Education

- Ph.D – Indian Institute of Technology Madras (2009)
- M.E – College of Engineering Guindy Anna University (2004)
- B.E – College of Engineering Guindy Anna University (2002)

Professional Experience

- Assistant Professor, Dept. of Civil Engineering, Anna University(From Dec 2009 to date)
- Senior Project Officer, IIT Madras

Research Interest

- Advanced Fiber Reinforced Polymer (FRP)
- Composite Structures
- Stiffened Plates

International Journals

- Rahima Shabeen S and Alagusundaramoorthy. P "Strength of Stiffened Composite Plates with Opening" Journal of Ocean and Ship Technology, 2011.
- Alagusundaramoorthy, P. and Rahima Shabeen, S. "Strength of Stiffened Compoaite Plates with Cutout under a Combination of Axial and Out-of-plane Load". World Journal of Engineering, (2010)
- Rahima Shabeen, S., and Alagusundaramoorthy, P. "Strength of Stiffened Composite Plates with Opening." World Journal of Engineering, (2008), 790-791.
- Mohan S.J., Rahima Shabeen S., and Samuel Knight G.M. "Behaviour of cold formed lipped angles in transmission line towers." Thin-walled Structures, (2006), 44, 1017- 1030.

International Conferences

- Rahima Shabeen, S., and Alagusundaramoorthy, P. " Strength of Stiffened Composite Plates with Cutout under a Combination of Axial and Out of Plane Load ,"

18th International Conference on Composites/Nano Engineering, Alaska, USA, July 2010 .

- Sundaravadivelu, R., Alagusundaramoorthy, P., Suneel Kumar, M., and Rahima Shabeen, S. " Ultimate Strength of Steel and Glass Fiber Reinforced Composite Plates with Square Opening under Axial and Out of Plane Loads, 29th International Conference on Ocean, Offshore and Arctic Engineering OMAE 2010, Shanghai, China, June 2010.
- Rahima Shabeen, S., and Alagusundaramoorthy, P. " Strength of Stiffened Composite Plates with Opening," Proc. First International Conference on Ship and Offshore Technology, IIT Karagpur, India, December 2009, 92-96.
- Rahima Shabeen S., Mohan S.J., and Samuel Knight G.M. (2004), "Experimental investigation on the structural integrity of cold formed 3- D X panel", Proc. of International Conference on Advances in Structural integrity. IISc., Bangalore, India.
- Mohan. S.J, Rahima Shabeen S., and Samuel Knight G.M. (2004), "Studies on structural connections in lattice panel using cold formed lipped angle section", Proc. of International Conference on Advances in Structural integrity., IISc., Bangalore, India.

Honors/Awards/Medals

- Certificate of Merit for one of the best technical papers, CSIR Foundation Day, 2007 in recognition of the paper "Behaviour of cold formed lipped angles in transmission line towers" Thin-walled Structures, 44, 1017-1030.
- Qualified for the Half-time Teaching and Research Assistantship(HTRA) to pursue Doctoral Programme at IIT Madras from Ministry of Human Resource Development (MHRD), Government of India

Project Guidance
M.E Projects

S.No	Title	Name of the Students	Year
1	Study on behaviour of pultruded FRP angles	Manikandan R	2015
2	Study on RC beams reinforced with GFRP rebars and glass fibers	Mohan D	2015
3	Static response of GFRP stiffened plate with cutout	Murugesan S	2015
4	Experimental studies on partial replacement of sand with saw dust in lathe metal scrap reinforced concrete	Agilan J	2015
5	Experimental study on synthetic and natural Fibers in ferrocement panels	Kaviya Meena A M	2015
6	Analysis of RC Beam Strengthened With CFRP Sheet	Selvaraj N	2014
7	Behaviour of GFRP Wrapped Reinforced Concrete Pile	Preethi T V	2012

Professional Membership

- Member- Institution of Engineers
- Life Member: FRP Institute
- Life Member: Indian Concrete Institute – Chennai Chapter
- Life Member: INSDAG
- Life Member: Indian Geotechnical Society Chennai Chapter

UG Courses taught/teaching

- Structural Dynamics and Earthquake Engineering
- Design of Reinforced Cement Concrete and Masonry Structures
- Structural Design and Drawing
- Structural Analysis II
- Engineering Mechanics
- Engineering Drawing
- Estimation Costing and Valuation Engineering
- Foundation Engineering
- Soil Mechanics
- Construction Materials lab
- Strength of materials Lab
- Soil Mechanics laboratory
- Advanced Structural Engineering Laboratory

PG Courses taught/teaching

- Design of Steel Concrete Composites
- Advanced Finite Element Engineering for Geotechnical Engineers