

National Institute of Technology, Tiruchirappalli:
Performa for CV of Faculty/ Staff Members

M.E.	College of Engineering, Guindy	2011	I	Structural Engineering
B.E.	Alagappa Chettiar College of Engineering & Technology, Karaikudi	2009	I	Civil Engineering
XII	Tamil Nadu State Board	2005	I	Mathematics & Biology
X	Tamil Nadu State Board	2003	I	Mathematics & Science

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
Time Table Coordinator	Civil / VIT Vellore	October 2017	March 2018
Anti-Ragging Committee Member	VIT Vellore	June 2018	March 2018
UGC Committee Member	VIT Vellore	September 2017	January 2018
Master's Thesis Review Panel Member	Structural Engineering / VIT Vellore	August 2018	March 2018

10. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2011	Best Placement Ambassador	College of Engineering, Guindy

11. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)
2017	Institute Post-Doctoral Fellowship	IIT Madras	January 2017	May 2017

12. Details of Academic Work

(i) Curriculum Development

a. Advanced Design of Metal Structures (M. Tech)

(ii) Courses taught at Postgraduate and Undergraduate levels

a. Engineering Mechanics, Construction Materials, Engineering Drawing, Natural Disaster Mitigation and Management (UG)

b. Earthquake Resistant Design of Structures (PG)

(iii) Projects guided at Postgraduate level

a. Nonlinear Response of Regular Steel Frames for Different Column to Beam Strength Ratios

b. Experimental Investigation on Bond Behaviour of a Precast Connection

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- c. Seismic Performance of Eccentrically Steel Braced Frames
- d. Lateral Load Evaluation of Precast Shear Wall
- e. Lateral Torsional Buckling of Non-prismatic Beams
- f. Impact of Infill Masonry Wall on the Seismic Response of RC Buildings

13. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
2015	Design Guidelines of Semi-Rigid Steel - Concrete Composite Frames	International	Paper Presenter	<i>The 2015 World Congress on Advances in Structural Engineering and Mechanics</i>	Incheon, Korea
2014	Performance Based Seismic Design of Semi-rigid Steel Concrete Composite Multi-storey Frames	International	Paper Presenter	<i>Structural Engineering Convention 2014</i>	IIT Delhi
2014	Seismic Performance of Semi-Rigid Steel - Concrete Composite Multi-Storey Frames	National	Paper Presenter	<i>FACEE 2014</i>	CIT Coimbatore

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14. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue
Self-Compacting Concrete	National	17-01- 2018	Coordinator	VIT Vellore
Earthquake Resistant Design of Structures	National	24-03- 2018	Coordinator	VIT Vellore

15. Academic Foreign Visits

Country	Duration of Visit	Programme
South Korea	1 week	<i>The 2015 World Congress on Advances in Structural Engineering and Mechanics</i>

16. Publications

(A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year
Senthilkumar R, Satish Kumar S R	Design of Semi-Rigid Steel - Concrete Composite Frames for Seismic Performance	<i>Journal of Structural Engineering</i>	44 (2)	136-147	2017

(B) Books & Monographs

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number
Senthilkumar R, Satish Kumar S R	<i>Advances in Structural Engineering: Dynamics, Volume Two</i>	Springer India	2015	978-81- 322-2192-0