



# SRM Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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## Department of Civil Engineering

### Personal Details

<b>Name :</b>	Dr.S.SURESH BABU		
<b>Designation :</b>	Assistant Professor (Senior Grade)		
<b>Educational Qualification :</b>	M.Tech.,Ph.D.,		
<b>Experience:</b>	Teaching - 10 Yrs 2 months, Industry - 5 Yrs		
<b>Area of Specialization :</b>	Structural Engineering		
<b>Date of Birth :</b>	12/02/1984		
<b>Date of Joining :</b>	11/01/2012		
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### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E	Civil Engineering	K.S.Rangasamy College of Technology/ Anna University	2006
2	M.Tech	Structural Engineering	SRM University	2011
3	Ph.D	Structural Engineering	SRM Institute of Science of Technology	2021

### Professional Society Memberships

1. Indian Society of Technical Education: Life Member LM119304
2. Institute of Engineers(India): Life Member M-166268-0

### Publication Details

#### JOURNALS

1. Analytical Study on Flexural Behaviour of Light Gauge Steel Corrugated Section Encased in Concrete, Journal of Physics: Conference Series 2040 (2021) 012026 IOP Publishing doi:10.1088/1742-6596/2040/1/012026
2. State of the art of cold formed steel members, Materials Today : Proceedings, 2214-7853/2020 Elsevier Ltd.37(2021) 3069-3073,January 2021
3. Study on the flexural and compressive behavior of cold-formed steel sections with and without lips, Materials Today: Proceedings, 2214-7853/2020 Elsevier Ltd.37 pp 265-272,July 2020
4. Experimental Investigation on the Flexural Behaviour of Cold Formed Corrugated Steel Channel Sections, International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-8, Issue-6, April 2019

5. Experimental Study on Compressive Behaviour of Cold Formed Steel Sections With and Without Bent Lips, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-8 June, 2019
6. Analytical Study on Cold Formed Steel Back to Back Supacee Section, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 6 Issue VI, June 2018
7. Study on Buckling behaviour of Cold Formed Steel Z-Section with Different Stiffeners , International Journal for Scientific Research & Development| Vol. 6, Issue 02, 2018
8. Experimental Study on Buckling behavior of Cold Formed Steel Back To Back Supacee Section, International Research Journal of Engineering and Technology (IRJET) Volume: 05 Issue: 05 | May-2018
9. Experimental Study on Flexural and Compressive behavior of Cold Formed Steel Back To Back Supacee Section, International Research Journal of Engineering and Technology (IRJET) Volume: 05 Issue: 05 | May-2018
10. Experimental Study on Flexural Behaviour of Cold form Steel Corrugated Sections Published in IJSRD Vol. 5, Issue 02, April 2017 | ISSN (online): 2321-0613, IJSRD - International Journal for Scientific Research & Development| , Vol. 5, Issue 02, April 2017 | ISSN (online): 2321-0613
11. Experimental study on compressive behaviour of cold formed corrugated steel sections, Published in IJSRD Vol. 5, Issue 02, April 2017 | ISSN (online): 2321-0613, IJSRD - International Journal for Scientific Research & Development| Vol. 5, Issue 02, 2017 | ISSN (online): 2321-0613
12. Literature Study on the Compression Behaviour of Cold Formed Corrugated Steel Sections Published in IJSRD - International Journal for Scientific Research & Development| Vol. 5, Issue 02, 2017 | ISSN (online): 2321-0613
13. Flexural and Torsional Strength of Light Gauge Steel built-up Channel sections Published in International journal of innovative research in technology , Volume 4 Issue 6 , ISSN: 2349-6002 November 2017
14. Experimental Study on Torsional Behaviour of Light Gauge Steel Section Published in 'IJESC' Volume 6 Issue No.4, April 2016, The International Journal Of Engineering Science & Computing (ISSN 2250 – 1371)
15. Experimental Study on Flexural Behaviour of Light Gauge Steel Sections Published in IJSRD Vol. 4, Issue 01, March 2016 | ISSN (online): 2321-0613, IJSRD - International Journal for Scientific Research & Development| Vol. 4, Issue 01, 2016 | ISSN (online): 2321-0613
16. Literature Survey on the Flexural Behaviour of Cold Formed Steel Beam Sections Published in IJSRD Vol. 4, Issue 01, March 2016 | ISSN (online): 2321-0613, IJSRD - International Journal for Scientific Research & Development| Vol. 4, Issue 01, 2016 | ISSN (online): 2321-0613
17. Experimental Study on Flexural-Torsional Behaviour of Cold Formed Steel Channel Section connected Back to Back Published in 'Indian Journal of Science and Technology, Vol 9 (39), October 2016, Indian Journal of Science and Technology, Vol 9 (39), October 2016
18. Experimental Study on Flexural Behaviour of Cold Formed Steel Section Published in 'The IJST' Journal Volume III, Issue V, May, 2015, The International Journal Of Science & Technoledge (ISSN 2321 – 919X)

## CONFERENCES

### INTERNATIONAL CONFERENCE

1. R.Padmanaban S.Suresh Babu, Experimental Study on use of Cold Formed Steel sections as Truss Members, International Conference on multidisciplinary Research Studies and Education (ICMDRSE), March 29<sup>th</sup> & 30<sup>th</sup>, conducted by IFERP.
2. S.Suresh Babu, Dr Senthil Selvan, Experimental Investigation on the Flexural Behaviour of Cold Formed Corrugated Steel Channel Section, International Conference on multidisciplinary Research Studies and Education (ICMDRSE), March 29<sup>th</sup> & 30<sup>th</sup>, conducted by IFERP.
3. Praveen kumar, S.Suresh Babu 'Experimental Study on Compressive Behaviour of Contrary Cold formed Steel Sections' in International Conference on Recent Trends in Engineering and Technology (ICRTET-2019) at St.Joseph's Institute of Technology, Chennai on 03-05-2019.
4. Priya T, Suresh Babu S 'Experimental Investigation On Buckling Behaviour Of Concrete Encased Steel Column' in International e-Conference on Novel Innovations and Sustainable Development in Civil Engineering 2020 (NISDCE 2020)
5. P.Elangovan, S.Suresh Babu, Experimental study on the effect of copper slag as a fine aggregate on the properties of high performance cement mortar cubes incorporating nano silica.

### Research and Development Details

No. of M.E candidates guided :10

### Other Details

#### CONFERENCES/ SEMINAR/ WORKSHOPS ORGANIZED

- Organized a International Guest Lecture on “**Advancements in Construction Management**” at SRM Valliammai Engineering College on 04.10.2020 through Online Mode.
- Organized a Guest Lecture on “**Role Of Civil Engineering In Military Services**” at SRM Valliammai Engineering College on 08.10.2020 through Online Mode.
- Organized National Level Students Technical Symposium **CONSTRUO'20** at SRM Valliammai Engineering College, on 21<sup>st</sup> February 2020.

#### STTP/FDP PARTICIPATED

- Completed ARPIT Online Certification course on course title “Sustainable Construction materials and Techniques” on 21/08/2021.
- Completed NITTT Module 2-Professional Ethics sustainability, Module V- Technology Enabled Learning and lifelong self-learning.
- Faculty Development Programme on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) from 1 February, 2021 to 5 February, 2021.
- Short Term Training Programme on “STEEL CONCRETE COMPOSITE STRUCTURES (STTP-SCCS 2020) organised by Department of Civil Engineering, SRM Institute of Science and

Technology from 23<sup>rd</sup> to 30<sup>th</sup> November 2020

- Short Term Training Programme on “Recent Advances in Pavement Material Testing and Design”organised Department of Civil Engineering, Misrimal Navajee Munoth Jain Engineering Collegebetween 17th Aug.2020 and 22nd Aug.2020.
- Faculty Development Programme on “Real Estate Management” organized by Chh.Shahu Institute of Business Education & Research. from 08.02.2021 to 12.02.2021.
- Faculty Development Programme on “Blended Learning and Flipped Classroom” organized by Vellore Institute of Technology from 18.01.2021 to 22.01.2021.
- Faculty Development Programme on “Waste Technology” organized by University College of Engineering, Anna University, Tiruchirappalli from 12.10.2020 to 16.10.2020.
- Faculty Development Programme on “Green Technology & and Sustainability Engineering” organized by National Institute of Technology Jamshedpur from 14.09.20 to 18.09.20.