



SRM Valliammai Engineering College

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

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Department of Civil Engineering

Personal Details

Name :	Mr.G.R.IYAPPAN	
Designation :	Assistant Professor	
Educational Qualification :	B.E,M.E.,	
Experience:	6 Years 3 Months	
Area of Specialization :	Structural Engineering	
Date of Joining :	01.06.2015	
Email ID :	Iyappanr.civil@valliammai.co.in	
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E	Civil Engineering	Anna University	2013
2	M.E	Structural Engineering	Anna University-37 th Rank Holder	2015

Professional Society Memberships

1. Indian Society of Technical Education: Life Member LM106621
2. The Institution of Engineers (India): Membership Number: AM187679-4
3. The Indian Science congress Association: Membership No A7008

Publication Details

CONFERENCE DETAILS:

1. Presented a paper title on “**Experimental Investigation on the Effect of Clay in Sand for Flexural Behavior of R.C.C. Beams**” National level Conference in Jerusalem college of Engineering, Pallikaranai, held on March 2015.

2. Presented a paper title on “**Experimental Investigation on buckling behavior of cold-formed steel sigma section**” on international conference on innovative technologies for sustainable built environment (ITSBE '17) at B.S.Abdur Rahman university held on 14 March 2017.

3. Presented a paper title on “**Strengthening of RC square column using stainless steel wire mesh**” on international conference on innovative technologies for sustainable built environment (ITSBE '17) at B.S.Abdur Rahman university held on 16 March 2017.

JOURNAL PUBLICATION DETAILS:

- The International Journal of Science & Technoledge (ISSN 2321 – 919X) “**Experimental Investigation on the Effect of Clay in Sand for Flexural Behavior of R.C.C. Beams**” Vol 3 Issue 3 March, 2015 P.NO 118-123.

- IJRST –International Journal for Innovative Research in Science & Technology| Volume 2 | Issue 12 | May 2016 ISSN (online): 2349-6010 “**Experimental Investigation on Clay Soil Stabilization using Lime and Rice Husk Ash**” P.NO:158-164.
- IJRST –International Journal for Innovative Research in Science & Technology| Volume 2 | Issue 11 | April 2011 ISSN (online): 2349-6010 “**The Study on The Effect of Clay Content in Fine Aggregate and its Impact on The Compressive Strength of Concrete**” P.NO:435-440.
- IJSRD - International Journal for Scientific Research & Development| Vol. 4, Issue 01, 2016 | ISSN (online): 2321-0613 "**Literature Survey on the Flexural Behaviour of Cold Formed Steel Beam Sections**" P.NO: 748-751.
- IJSTE - International Journal of Science Technology & Engineering | Volume 2 | Issue 10 | April 2016 ISSN (online): 2349-784X "**Experimental Study on Flexural Behaviour of Cold Formed Steel Section**" P.NO:886-889.
- IJSRD - International Journal for Scientific Research & Development| Vol. 3, Issue 04, 2015 | ISSN (online): 2321-0613 “**The Study on the Effect of Clay Content in Sand and its Impact on the Compressive Strength of Concrete**” P.NO:1116-1119.
- IJSRD - International Journal for Scientific Research & Development| Vol. 4, Issue 04, 2016 | ISSN (online): 2321-0613 “**Experimental study on the strength of concrete using quarry dust and marble powder**”
- IJCRCE- International Journal of Constructive Research in Civil Engineering (IJCRCE) Volume 3, Issue 1, 2017, PP 1-10 ISSN 2454-8693 (Online) “**A Study on Strengthening of CHS Tubes under Axial Compression Using FRP Composites**” P.NO: 01-10.
- International Journal of Civil Engineering and Technology (IJCIET) Volume 9, Issue 5, May 2018, pp. 715–724, *Article ID: IJCIET_09_05_* ISSN Print: 0976-6308 and ISSN Online: 0976-6316079"**Experimental And Analytical Study On Bio- Mineralization Process With Replacement Of Cement By Microbial Cementation**"
- IJSRD - International Journal for Scientific Research & Development| Vol. 6, Issue 01, 2018 | ISSN (online): 2321-0613 "**The Study on the Effect of Glass Powder as Partial Replacement in Fine Aggregate and its Impact on the Compressive and Tensile Strength of Concrete**".
- IJSRD - International Journal for Scientific Research & Development| Vol. 6, Issue 02, 2018 | ISSN (online): 2321-0613" **Study on Effect of Clay Content in Fine Aggregate & Its Behaviour in Concrete**"
- International Journal of Innovative Research in Science, Engineering and Technology An ISO 3297: 2007 Certified Organization Volume 7, Special Issue 5, April 2018 " **Experimental Study on Bio-Mineralization Process of Microbial-Cementation in Concrete Crack Remediation**".
- IJSRD - International Journal for Scientific Research & Development| Vol. 7, Issue 01, 2019 | ISSN (online): 2321-0613. “**Literature Survey on Stainless Steel Wire Mesh Reinforced Concrete**

Slab”

- **IJSRD** - International Journal for Scientific Research & Development| Vol. 7, Issue 01, 2019 | ISSN (online): 2321-0613. **“Literature Survey on Polypropylene Sandwich Composite Slab.”**
- **IJRST** –International Journal for Innovative Research in Science & Technology| Volume 5 | Issue 10 | March 2019, ISSN (online): 2349-6010. **“Experimental Study on the Flexural Behaviour of Cold Formed Steel Concrete Composite Beam”.**
- **IJRST** –International Journal for Innovative Research in Science & Technology| Volume 5 | Issue 10 | March 2019, ISSN (online): 2349-6010. **“Experimental Study on Polypropylene Sandwich Composite Slab”.**
- International Journal of Research Publication and Reviews Vol (1) Issue (7) (2020) Page 87-93. **“Study on Castellated Web Beam with Optimized Web Opening – State of the Art Review”**
- 47th ISTE National Annual Convention “Study on Bio-Mineralization process on Microbial-Cementation in Concrete”.

Research and Development Details

No. of M.E candidates guided :7

Publications in Science Citation Indexed : 2

Other Details

STTP/FDP COORDINATED

- ❖ Associated with the organization of AICTE & ISTE Sponsored Faculty Development Training Programme on “Modern Construction Materials and Construction Techniques” at Valliammai Engineering College during 21-25, May-2018.
- ❖ No.of Guest lectures coordinated- 4
- ❖ No.of Symposium coordinated- 2
- ❖ Produced good results and got 100 percentage pass percentage in more than 2 subjects

STTP/FDP PARTICIPATED

- ❖ Attended Faculty Development programme in "**Advance Software Packages used in Civil Engineering**" in SRM ESWARI ENGINEERING COLLEGE held on June 2015.
- ❖ Completed 4 AICTE Training And Learning (ATAL) Academy FDP PROGRAMME
- ❖ Completed 5 NPTEL Courses organized by SWAYAM – IIT
- ❖ Completed 2 TEQIP FDP Programme.
- ❖ Completed of 5 days Faculty Development Program- Student Induction on UHV conducted online organized by All India Council for Technical Education (AICTE) from 26July, 2021 to 30 July, 2021.
- ❖ Completed ARPIT-2020 course title “Sustainable Construction materials and Techniques”
- ❖ Completed NITTT Module 2-Professional Ethics sustainability, Module V- Technology Enabled

Learning and lifelong self-learning.

CONFERENCES/ SEMINAR/ WORKSHOPS/ VALUE ADDED COURSE ORGANIZED

- ❖ Organized an One day National level workshop on “Emerging trends in Engineering Industry” Sponsored by CADD Centre at SRM Valliammai Engineering College, Kattankulathur on 07th SEP 2017.
- ❖ Organized an One day National level workshop on “Introduction to BIM tool (REVIT)” Sponsored by De Nova Software Solution at SRM Valliammai Engineering College, Kattankulathur on 01st Feb 2019.
- ❖ Associated with the organization of CSIR Sponsored National Seminar on “Recent Advances in Earthquake Resistant Design and structural Dynamics” at Valliammai Engineering College on 16-17 February 2017.
- ❖ Associated with the organization of National Seminar on National Seminar on “Emerging Technologies in Engineering” at Valliammai Engineering College on 07 April 2018.
- ❖ Organized an Two Days National Level Workshop on “Application and Working of E-TABS & PRIMAVERA” in association with ISTE during 06.02.2020 & 07.02.2020.
- ❖ Organized an One Day Workshop on “One Day Workshop on Structural Design of Building Systems” during 15.02.2020.
- ❖ No.of Value Added course coordinated- 12

S.NO	Title of the Course	From	To	No. Of students Attend
1	Basic test of Construction Materials	16.02.15	06.03.15	26
2	Basic test of Construction Materials and Surveying	20.07.15	11.08.15	28
3	Analysis Software using STAAD.Pro	05.02.16	22.02.16	26
4.	Drafting and Modeling Software Using Autocadd	14.07.16	02.08.16	26
5.	Drafting and Modeling Software Using Autocadd	30.01.17	01.03.17	60
6.	Analysis Software Using Stadd Pro	24.07.17	11.08.17	45
7.	Numerical Analysis Using Ansys Workbench	02.02.18	06.03.18	28
8.	Construction Concept Of Prefabricated Structures In Collaboration With SreeConstruction ,Anna Nagar-Chennai.	04.08.2018 & 25.08.2018		32
9.	Analysis Software Using Stadd Pro	30.01.19	21.02.19	63
10	Numerical Analysis Using Ansys	30.07.19	31.08.19	31
11	Analysis Software Using Stadd Pro	05.02.20	25.02.20	45
12	Drafting and Modeling Software Using Autocadd	06.07.20	14.07.20	166
13	Analysis Software Using Stadd Pro	13.02.21	13.03.21	166