

SRI RAMA CHAND MADDURU, M.Tech. (Structures), Ph.D., (Civil Engg.)

Designation: **Associate Professor**

Department: **Civil Engineering**

Institute: **Sree Chaitanya College of Engineering, Karimnagar**

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Experience (in years): 7.0

Teaching: 3.0 years

Research: 4.0 years

1. Educational / Technical qualifications:

S.No.	Level	Institute/ University	Specialization	Year of Passing
1	Ph. D.	NIT Warangal	Civil Engineering	2017
2	M. Tech.	NIT Warangal	Engineering Structures	2013
3	B. Tech.	Nagarjuna University, Guntur Andhra Pradesh	Civil Engineering	2011

2. Teaching Interests:

Undergraduate level:

Engineering Mechanics, Strength of Materials, Structural Analysis, Reinforced Concrete Structures, Design of Steel Structures, Finite Element Methods, Advanced Structural Design, Prestressed Concrete Structures.

Postgraduate level:

Theory of Elasticity, Theory of plates, Advanced Reinforced Concrete Structures, Structural Dynamics, Finite Element Analysis, Prestressed Concrete

3. Co-curricular and Extra-Curricular Activities

- Interests and Hobbies: Journal reading and taking up new projects; Playing and watching Cricket.
- Elected as Research Scholar Representative of the Student's Council of National Institute of Technology, Warangal, India for the academic year 2015-2016.

4. Conference / Workshop / Seminar / Guest Lectures attended

S.No.	Workshop/Conference	Organized by	Duration & Year
1.	Two day workshop on NAAC, NBA Accreditation process	JNTUH, Jagityal	26-27 Jan 2020
2.	GIAN Course on “Application of principles of reliability for various sub disciplines of civil engineering”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	31 st Dec, 2018 to 04 th Jan 2019
3.	One day workshop on “Outcome Based Education (OBE)”	Sree Chaitanya College of Engineering, Karimnagar	18 th Nov 2018
4.	National Workshop on “Intellectual Property Rights (IPR) and Patents”	Sree Chaitanya College of Engineering, Karimnagar	16-17 Nov 2018
5.	One day Workshop on “Regional Entrepreneurship Acceleration Program (REAP)”	SR Innovation Exchange, Warangal	27 th Oct 2018
6.	7-Day Faculty Development Program for Student Induction	AICTE & IARE, Hyderabad	16-22 July 2018
7.	Short Term Course on “ Advanced Computing Tools in Civil Engineering”	Department of Civil Engineering; IIT Kharagpur	Five Days; 5 th – 9 th March, 2018
8.	International Conference on Recent Advances in Engineering and Technology (ICRAET)	IASTEM, Cambridge-USA	Dec 2017
9.	GIAN Course on “FRP Technology for Strengthening and Rehabilitation of Structures”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	One Week; 21-25 August, 2017
10.	Three Day Faculty Development Program (FDP) on “Recent Advances in Concrete Technology (ReACT)”	Structures Division, Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	Three Days; 20-22 March, 2017
11.	Three Day Workshop on “Condition Assessment and Rehabilitation of Structures (CARS)”	Structures Division, Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India.	Three Days; 17-19 March, 2017
12.	Structural Engineering Convention	SERC Chennai & IIT Madras	Three Days; 21-23 December 2016
13.	Two Week GIAN Course on “Dynamic Material Failure”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	Two Weeks; 13-23 June, 2016

14.	Three Day Workshop on “Open Source Software for Civil Engineering Applications (OSSCEA)”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	Three Days; 17-19 October, 2014
15	One Day Workshop on “GeoRisks and Remedies (GRR2014)”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	One day, 31 January 2014
16.	Two Day Workshop on “Research Methodology and Scholarly Writing Skills”	SC/ST Cell, National Institute of Technology, Warangal, Telangana, India	Two Days; 25-26 January, 2014
17.	Two Day National Conference on “Innovation for Sustainability CEC2016”	Department of Civil Engineering, NIT Hamirpur	Two Days; 9-10 September 2016
18.	Two Day National Conference “Modern Concretes – Driving Profit and Sustainability (MCDPAS-2016)”	Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, Telangana, India.	Two Days; 26-27 August, 2016.
19.	Four Day International Conference “UKIERI Concrete Congress – Concrete Research Driving Profit and Sustainability”	Department of Civil Engineering, Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India	Four Days; 2-5 November, 2015.
20.	Two Day National Meet “Research Conclave’17”	National Institute of Technology Warangal, Telangana, India	Two Days; 17-18 March, 2017.
21.	All India Seminar on “New Developments in Use of Alternate Materials for Concrete (AMCON2015)”	Indian Concrete Institute, Nagpur Centre, Nagpur, Maharashtra, India.	Two Days; 13-14 March, 2015.
22.	Two day student workshop on “Computational Methods using PLAXIS Educational Suite”	Department of Civil Engineering, National Institute of Technology, Warangal, Telangana, India	Two days; 12-13 April, 2014
23.	Four day Conference on “ Meeting Infrastructure Challenge – ICI-IWC-2013”	Indian Concrete Institute APHC	Four days; 23-26 October, 2013
24.	Two day National Conference on “Advances in Earth Sciences, Structural and Geotechnical and Earthquake Engineering”	Department of Civil Engineering, Chaitanya Bharathi Institute of Technology Hyderabad	Two days; 04-05 October, 2012

5. Academic Contribution and Research & Consultancy

5.1. Invited Lectures:

- a) Delivered a webinar at Eswar College of Engineering for Two Days online FDP Program on “Advanced Construction Materials” on 12-05-2020.
- b) Moderated a guest lecture for Aditya Birla – Ultratech group, Karimnagar on 24th April

2020 on the topic “A way forward towards sustainability in construction industry”.

- c) Addressed B.Tech. Students at JNTUA Pulivendula during National Level Technical fest “Aashray-2K19” conducted from 26-27 September 2019 (Topic: Hydration, Microstructure, Strength and Durability Characteristics of Hydraulic Cement).
- d) Delivered a lecture on “Research and Innovation in Concrete Technology” at Vignan’s Foundation for Science Technology & Research (Deemed to be University), Guntur on 15th December 2018
- e) Delivered an expert talk at Department of Civil Engineering, KITS Warangal which organized a DST-SERB sponsored one week seminar on “Optimisation of Sustainable Cementitious Materials for Development of Different Cement Composites” from 27th August to 31st August, 2018.
- f) Delivered lecture at Ambuja Knowledge Centre (AKC)- Karimnagar on “Effect of self curing technology in Vibrated and Self Compacting Concretes” on 21st February 2018.

5.2. Projects Guided: UG - 08

- a) FRP Technology for Strengthening and Rehabilitation of Structures, April 2018
- b) Performance studies on Sustainable Construction Materials in SCC, April 2019.
- c) Predicting the mechanical properties of fiber reinforced concrete based on ANN, April 2019.
- d) Strengthening of SCC based RC structural members using FRP technology, April 2019.
- e) Predicting the compressive strength of steel fiber reinforced self compacting concrete using artificial neural network, May 2020
- f) A study on stabilization of Soil using Fly ash geopolymer, May 2020
- g) Role of binary cement including supplementary cementitious materials (SCMs) in production of sustainable concrete, May 2020
- h) Performance studies on self compacting mortar samples with Nano Graphene Oxide, May 2020

Ph.D. Guidance – 10

- a) R. Abhinay (Co-Supervisor) – Retrofitting and Restrengthening of RC members with CFRP and GFRP (Student at LPU Panjab)
- b) D Pavan Kumar (Co-Supervisor) – Polymer modified concretes (Student at LPU Panjab).

- c) Chava Venkatesh (Co- Supervisor) – performance and microstructure characterization of red mud based concrete (Student at VFSTR)
- d) Cherreddy Sonali Sri Durga (Co- Supervisor) – assessment of various self healing agents to enhance the durability of concrete structures (Student at VFSTR)
- e) Komma Hemanth Kumar Reddy (Co- Supervisor) – Behavior of CFRP wrapped concrete under elevated temperatures.
- f) Bellam Ramamohan Reddy (Co- Supervisor) – Sustainable Utilization of Industrial By-products in the Development of Rural Roads Using Geopolymer Concrete (Student at VFSTR)

5.3. Workshops/Technical fests Conducted:

- a) Five day webinar series on “Repair and Rehabilitation of Concrete Structures” during 29-04-2020 to 03-05-2020 presented by Prof. P Rathish Kumar, Professor at NIT Warangal
- b) Three day webinar series on “Soil Mechanics” during 06-05-2020 to 09-05-2020 presented by Dr. N Darga Kumar, Assistant Professor of JNTUH College of Engineering, Manthani.
- c) Two day webinar series on “Concreting Concrete” on 13th and 14th May 2020 presented by Dr. MLV Prasad, Assistant Professor of NIT Silchar, Assam.
- d) Three Day Technical event “**SRESHTA – 2K19**” at Sree Chaitanya College of Engineering Karimnagar during 19-21 September 2019.
- e) Five Day Workshop on Sustainable Construction In Civil Engineering SCCE – 2K19 conducted at Sree Chaitanya College of Engineering Karimnagar as a part of Decennial Celebrations during 08–12 April 2019
- f) Two Day technical fest “Engineers Day Celebrations – 2K19” during 14-15 September 2019.

5.4. Research Interests:

Self Compacting Concrete; Self Curing Concrete; Recycled Aggregate Concrete; Performance and Microstructure behavior of New Concretes; Prestressed Concrete; Fracture behavior of Quasi brittle materials; Repair and Rehabilitation of Concrete structures.

5.5. Papers published in International / National journals:

International Journals:

1. **Sri Rama Chand M**, Khaja Sameer Sh, Ramesh V, Vijay Kumar K (2020), Hydrophilic and hydrophobic chemicals as self curing agents in self compacting concrete, Journal of Building Engineering, 28, p: 101008, <https://doi.org/10.1016/j.jobbe.2019.10100>
2. Chandra Sekhar Reddy I, Ruben N, **Sri Rama Chand M** (2020), Workability, microstructure, strength properties and durability properties of graphene oxide reinforced cement paste, Australian Journal of Civil Engineering-Taylor & Francis, 18(1), 73-81, <https://doi.org/10.1080/14488353.2020.1721952>
3. Ramamohana Reddy B, Karthikeyan M, **Sri Rama Chand M** (2020), Influence of activator solution on microstructural and mechanical properties of geopolymer concrete, Materialia – Elsevier, 10, p. 100659, <https://doi.org/10.1016/j.mtla.2020.100659>
4. Ramamohana Reddy B, Karthikeyan M, **Sri Rama Chand M** (2020), Exploration of mechanical and durability characteristics of fly ash-GGBFS based green geopolymer concrete. SN Appl. Sci. 2, 919. <https://doi.org/10.1007/s42452-020-2720-5>
5. Venkatesh C, Ruben N, **Sri Rama Chand M** (2020), Red mud as an additive in concrete: comprehensive characterization, Journal of Korean Ceramic Society-Springer. <https://doi.org/10.1007/s43207-020-00030-3>
6. Chandrasekhar Reddy I, Ruben N, **Sri Rama Chand M** (2019), Effect of graphene oxide on microstructure and strength properties of fly ash and silica fume based cement composites, Construction and Building Materials- Elsevier, 229, p.116863 <https://doi.org/10.1016/j.conbuildmat.2019.116863>
7. Venkatesh C, Ruben N, **Sri Rama Chand M** (2020), Experimental investigation of strength, durability, and microstructure of red-mud concrete. Journal of Korean Ceramic Society-Springer, 57, pp 167-174, <https://doi.org/10.1007/s43207-019-00014-y>
8. Vinay Kumar Jain B, Ruben N, **Sri Rama Chand M**, Rohith P (2020), Microstructural characterization of fly ash based geopolymer, Materials Today: Proceedings – Elsevier, <https://doi.org/10.1016/j.matpr.2020.03.338>
9. Hemanth Kumar Reddy K, Ruben N, **Sri Rama Chand M** (2020), Different temperature effects on CFRP wrapped concrete, Materials Today: Proceedings - Elsevier <https://doi.org/10.1016/j.matpr.2020.01.582>

10. Habibunnisa Syed, Ruben N, **Sri Rama Chand M** (2020), Role of coconut coir fiber in concrete, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.01.477>
11. Priyanka M, Karthikeyan M, **Sri Rama Chand M** (2020), Development of mix proportions of geopolymer lightweight aggregate concrete with LECA, Materials Today: Proceedings - Elsevier, <https://doi.org/10.1016/j.matpr.2020.01.271>
12. Ramamohana Reddy B, Karthikeyan M, **Sri Rama Chand M** (2020), Investigation on modulus of elasticity of fly ash-ground granulated blast furnace slag blended geopolymer concrete, Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2019.11.299>
13. Sonali Sri Durga C, Ruben N, **Sri Rama Chand M**, Venkatesh C (2019), Performance studies on rate of self healing in bio concrete, Materials Today: Proceedings - Elsevier, 27 (1), pp.158-162, <https://doi.org/10.1016/j.matpr.2019.09.151>
14. Venkatesh C, Ruben N, **Sri Rama Chand M** (2019), Comparison of mechanical and durability properties of treated and untreated red mud concrete, Materials Today: Proceedings, 27 (1), pp.284-287, <https://doi.org/10.1016/j.matpr.2019.11.026>
15. Sonali Sri Durga C, Ruben N, **Sri Rama Chand M**, Venkatesh C (2019), Evaluation of mechanical parameters of bacterial concrete, Annales de Chimie-Science des Materiaux, 43(6), pp.365-399, <https://doi.org/10.18280/acsm.430606>
16. Vinay Kumar Jain B, Ruben N, Sri Rama Chand M (2019), Material Properties, processing & characterization of fly ash based geopolymer, Materials Today: Proceedings – Elsevier, 19 (6), pp: 2617-2621, <https://doi.org/10.1016/j.matpr.2019.10.099>
17. Ramamohana Reddy B, Karthikeyan M, **Sri Rama Chand M** (2019). Empirical relationships on mechanical properties of class-f fly ash and GGBS based geopolymer concrete. Annales de Chimie - Science des Matériaux (ACSM) - International Information and Engineering Technology Association, 43(3), pp. 189-197, <https://doi.org/10.18280/acsm.430308>
18. Hemanth Reddy K, Ruben N, **Sri Rama Chand M** (2019). Art-of-review on CFRP wrapping to strengthen compressive and flexural behavior of concrete. Revue des Composites et des Matériaux Avancés (RCMA) - International Information and Engineering Technology Association, 29 (3), pp. 159-163. <https://doi.org/10.18280/rcma.290305>
19. Venkatesh C, **Sri Rama Chand M**, Ruben N (2019), A state of the art on red mud as a substitutional cementitious material, Annales de Chimie: Science des Materiaux (ACSM) - International Information and Engineering Technology Association, 43 (2), pp. 99-106. <https://doi.org/10.18280/acsm.430206>

20. Ramamohana Reddy B, Ruben N, **Sri Rama Chand M**, Chandra Sekhar Reddy I (2019), Mix Design and Mechanical Properties of Fly Ash and GGBFS-Synthesized Alkali-Activated Concrete (AAC), *Infrastructures*, 4(2), pp. 20, <https://doi.org/10.3390/infrastructures4020020>.
21. **Sri Rama Chand M**, Rathish Kumar P, Swamy Naga Ratna Giri P, Rajesh Kumar G (2018), Performance and Microstructure Characteristics of Self Curing Self Compacting Concrete, *Advances in Cement Research-ICE Virtual Library* (Thomas Telford), 30 (10), pp. 451-468. <https://doi.org/10.1680/jadcr.17.00154>
22. Swamy Naga Ratna Giri P, G Rajesh Kumar, **Sri Rama Chand M**, Rathish Kumar P (2018), Flexural Behaviour of Tie Confined Self Curing Self Compacting Concrete (TCSCSCC), *Magazine of Concrete Research- ICE Virtual Library* (Thomas Telford), 70 (23), pp. 1232-1242. <https://doi.org/10.1680/jmacr.17.00338>
23. **Sri Rama Chand M**, Radhika K L, Rathish Kumar P, Rakesh S (2017), Mix model for Self Compacting Concrete with Recycled Aggregate, *Proceedings of the Institution of Civil Engineers - Structures and Buildings- ICE Virtual Library* (Thomas Telford), 170 (2), pp. 131-142, <https://doi.org/10.1680/jstbu.16.00076>
24. Swamy Naga Ratna Giri P, G Rajesh Kumar, **Sri Rama Chand M**, Rathish Kumar P (2017), Effect of Polyethylene Glycol as Self Curing Agent in Self Compacting Concrete, *International Journal of Cement Wapno Beton*, 17 (1), pp. 26-38
25. **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Rathish Kumar P, Rajesh Kumar G, Raveena Ch (2016), Effect of self curing chemicals in self compacting mortars, *Construction and Building Materials-Elsevier*, 107, pp.356–364. <https://doi.org/10.1016/j.conbuildmat.2016.01.018>
26. **Sri Rama Chand M**, Rathish Kumar P, Swamy Naga Ratna Giri P, Rajesh Kumar G, Krishna Rao M V (2016), Influence of paraffin wax as a self-curing compound in self-compacting concretes, *Advances in Cement Research- ICE Virtual Library* (Thomas Telford), 28(2), pp.110–120. <https://doi.org/10.1680/jadcr.15.00062>
27. **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Rathish Kumar P, Rajesh Kumar G (2015), Paraffin wax as an Internal curing agent in concrete, *Magazine of Concrete Research- ICE Virtual Library* (Thomas Telford), 67(2),pp.82-88. <https://doi.org/10.1680/macr.14.00192>
28. Swamy Naga Ratna Giri P, G Rajesh Kumar, **Sri Rama Chand M**, Rathish Kumar P (2017), Stress-strain model for tie-confined self-curing self-compacting concrete, *Proceedings of the Institution of Civil Engineers - Structures and Buildings- ICE Virtual Library* (Thomas Telford), 170 (7), pp. 465-480. <https://doi.org/10.1680/jstbu.16.00156>

29. Swamy Naga Ratna Giri P, G Rajesh Kumar, **Sri Rama Chand M**, Rathish Kumar P (2017), Influence of Hydrophilic Compounds on the Performance of Recycled Aggregate Concretes, Journal of Sustainable Cement-Based Materials-Taylor and Francis, 6(5), pp. 332-344. <https://doi.org/10.1080/21650373.2017.1280429>
30. Rathish Kumar P, **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Rajesh Kumar G (2018), Effect of Paraffin Wax as Self Curing Agent in Recycled Aggregate based Self Compacting Concretes (SCC), International Journal of Advances in Mechanical and Civil Engineering (IJAMCE) , 5 (1), pp. 66-72.

National Journals:

31. **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Rathish Kumar P, Rajesh Kumar G (2018), Performance studies on self compacting concrete with self curing chemicals, Indian Concrete Journal, 92 (1), pp.24-30.
32. **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Radhika K L, Rathish Kumar P, Yedukondalu C (2017), Optimization of mix proportioning for self compacting concretes using particle packing theories, Indian Concrete Journal, 91 (4), pp. 20-32.
33. Sathvik Dev V, Rathish Kumar P, **M Sri Rama Chand** (2016), Ductility improvement of Recycled aggregate concrete using Ferrocement shell as supplementary confinement, Indian Journal of Science and Technology, 9(2), pp. 1-7.
34. Nishant Singh, R Aditya, **M Sri Rama Chand**, P Rathish Kumar (2016), Strength and Durability Properties of Eco-SCC Using Recycled Aggregate from Building Demolished Waste (BDW), Journal of Civil Engineering and Environmental Technology (JCEET), 3(5), pp. 410-415.
35. Vinay Kumar Jain B, Ruben N, **Sri Rama Chand M** (2019), Study on the Durability Properties of Geopolymer Concrete With M-Sand & Natural Sand, International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM), 54 (1), pp. 277-283.
36. Bhavani S, Swamy Naga Ratna Giri P, **Sri Rama Chand M**, Srikanth M (2019), Performance Studies on Waste Glass Powder in Self Compacting Concrete, International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES), 5(06), pp.1-7

5.6. Papers presented at National / International Conferences:

International Conferences:

1. Hemanth Kumar Reddy K, Ruben N, **Sri Rama Chand M** (2019), Ultimate Strengths of CFRP Retrofitted Concrete Cylinders Under Different Thermal Conditions, Proceedings of

"International Conference on Recent Trends in Construction Materials and Structures (ICON2019)", 18 - 20 September 2019, Organized by School of Civil Engineering, Vellore Institute of Technology, Vellore

2. Ramamohana Reddy B, Karthikeyan M, **Sri Rama Chand M** (2019), Correlative Studies between Compressive, Splitting Tensile and Flexural Strengths of Fly ash-GGBS and Fly ash-Cement based Geopolymer Concretes, Proceedings of "International Conference on Recent Trends in Construction Materials and Structures (ICON2019)", 18 - 20 September 2019, Organized by School of Civil Engineering, Vellore Institute of Technology, Vellore.
3. Ramamohana Reddy Bellum¹, Karthikeyan. M² and **Sri Rama Chand. M³**, Correlative Studies between Compressive, Splitting Tensile and Flexural Strengths of Fly ash-GGBS and Fly ash-Cement based Geopolymer Concretes, Proceedings of National Conference, ICON-2019, Civil Department, VIT-Vellore.
4. Sonali Sri Durga Ch, Ruben N, **Sri Rama Chand M**, Venkatesh Ch (2019) Performance studies on rate of self healing in bio concrete, Proceedings of the International Conference of Recent Advances in Materials and Manufacturing (ICRAMM) 2019– Volume 2, pp. 472-478, 12-14 September 2019, Belagavi, Karnataka.
5. Venkatesh Ch, Ruben N, **Sri Rama Chand M** (2019), Comparison of mechanical and durability properties of treated and untreated red mud concrete, Proceedings of the International Conference of Recent Advances in Materials and Manufacturing (ICRAMM) 2019– Volume 2, pp. 567-562, 12-14 September 2019, Belagavi, Karnataka.
6. Rathish Kumar P, **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Rajesh Kumar G (2017), Effect of Paraffin Wax as Self Curing Agent in Recycled Aggregate based Self Compacting Concretes (SCC), IASTEM-297th International Conference on Recent Advances in Engineering and Technology (ICRAET), Cambridge-USA, Dec 2017. **(Best Paper Award)**
7. Rathish Kumar P, **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Rajesh Kumar G (2016), Strength and Durability Properties of Self Cured Self Compacting Mortars (SCSCM). SCC 2016 - 8th International RILEM Symposium on Self-Compacting Concrete, Washington DC, USA 15-18 May 2016 Edited by Kamal H. Khayat, p.899-908
8. **Sri Rama Chand M**, Rathish Kumar P, Swamy Naga Ratna Giri P, Rajesh Kumar G, Sumanth Reddy C (2015), Recycled Aggregate as Internal Curing agent in Self Compacting Concrete, UKIERI Concrete Congress-2015, NIT Jalandhar, Panjab.

9. Swamy Naga Ratna Giri P, Rajesh Kumar G, **Sri Rama Chand M**, Rathish Kumar P (2015), A study on use of Polyethylene Glycol as internal sealing compound in concretes, UKIERI Concrete Congress-2015, NIT Jalandhar, Panjab.
10. Praveen Kumar V V, **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Rathish Kumar P, Rajesh Kumar G (2015), A study on Paraffin wax as self curing agent in self compacting concretes, UKIERI Concrete Congress-2015, NIT Jalandhar, Panjab
11. Prasad M L V, Rathish Kumar P, **Sri Rama Chand M**, "A study on the flexural behavior of Glass Fiber reinforced Self Compacting Concrete", International Conference on Innovation in concrete for meeting infrastructure challenge (ICI-APHC-2013), Organized by Indian Concrete Institute, Hyderabad
12. Prasad M L V, **Sri Rama Chand M**, Rathish Kumar P, Ananda Babu M D, "Effect of Glass Fiber and Confined lateral ties on Stress-Strain behavior of Self Compacting Concrete", International Conference on Emerging trends in Civil Engineering (ICETCE-2013), Organized by Department of Civil Engineering, VNRVJIET, Hyderabad

National Conferences:

13. Abhinay R, Amit Srivastava, **Sri Rama Chand M** (2019), Restrengthening of Reinforced Self Compacting Concrete Members Using FRP Composites, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
14. Shivanjali M, Nikitha S, Bhavya V, Vaishnavi V, **Sri Rama Chand M** (2019), Comparative Studies on Non-Fibrous and Glass Fibrous Self Compacting Concrete of Standard (M30) and High Strength (M70) Grades, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
15. Raviteja M, Akhila D, Sahithi D, Jyothi J, Prathyusha D, **Sri Rama Chand M** (2019), Mechanical Properties of Self Compacting Geopolymer Mortars, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
16. Salman Khan Md, Tejaswi P, Saniya khanam, Thirumala T, **Sri Rama Chand M** (2019), Performance studies on Steel Fiber Reinforced Self Compacting Concrete of M30 and M70 grades, National Conference on Technological Innovations in Civil Engineering (NCTICE-

2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.

17. Priyanka M, Karthikeyan M, **Sri Rama Chand M** (2019), Development of Mix Proportions of Geopolymer Concrete with LECA, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
18. Venkatesh Ch, Ruben N, **Sri Rama Chand M**, Sonali Sri Durga Ch (2019), Comparison of Mechanical and Durability Properties of Red Mud Concrete, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
19. Chandra Sekhara Reddy I, Karthikeyan M, **Sri Rama Chand M**, Ramamohan B (2019), The performance of Graphene Nano Particles on Multifunctional Mechanical Properties of Ordinary Portland Cement Concrete, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
20. Sonali Sri Durga Ch, Ruben N, **Sri Rama Chand M**, Venkatesh Ch (2019), Evaluation of Mechanical Parameters of Bacterial Concrete, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
21. Hemanth Kumar Reddy K, Ruben N, **Sri Rama Chand M** (2019), Compressive Strength of CFRP Wrapped Concrete Cylinders under Thermal Variations, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
22. Habibunnisa Syed, Ruben N, **Sri Rama Chand M** (2019), Role of Coconut Coir Fiber in Concrete, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.
23. Meena D, Raviteja M, Bhavya V, Shivanjali M, **Sri Rama Chand M** (2019), Strength and Durability Characteristics of Light Weight Geopolymer Elements, National Conference on Technological Innovations in Civil Engineering (NCTICE-2019), 22-23 August 2019, Department of Civil Engineering, VFSTR University, Andhra Pradesh, India.

24. Vinay Kumar Jain B, Ruben N, **Sri Rama Chand M** (2019), Material Properties, Processing & Characterization of fly ash based Geopolymer, National conference on Functionality of Advanced Materials (NCFAM-2019), 24–25 June 2019, Department of Science & Humanities, VFSTR University, Andhra Pradesh, India.
25. Swamy Naga Ratna Giri P, **Sri Rama Chand M**, Bhavani S, Divya R, Arun Patel T (2019), Replacement of Natural Fine Aggregate with Demolished Tiles powder in Self Compacting Mortars: A Study, Second National Conference on Sustainable Practices & Advances in Civil Engineering (SPACE 2019) Organized by Department of Civil Engineering Kakatiya Institute of Technology & Science, Warangal
26. Ramamohana Reddy B, Karthikeyan M, **Sri Rama Chand M** (2019), Performance Characteristics of Geopolymer Concrete Synthesized by Dissimilar Alternate Cementitious Materials, Proceedings of National Conference, RAMSSD-2019, Organized by Department of Chemical Engineering, VFSTR, Guntur, Andhra Pradesh.
27. Ramamohan Reddy B, Ruben N, **Sri Rama Chand M**, Manasa Koppoju (2019), Investigation on Mechanical Properties of Fly ash – GGBS and Fly ash-Cement based Geopolymer Concrete, Second National Conference on Sustainable Practices & Advances in Civil Engineering (SPACE 2019) Organized by Department of Civil Engineering Kakatiya Institute of Technology & Science, Warangal
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38. **Sri Rama Chand M** and Rathish Kumar P, Self Curing chemicals in Self Compacting Mortars (2015), AMCON-ICC National conference, Nagpur, 2015.
39. **Sri Rama Chand M**, Rohan Desai and Rathish Kumar P, “Vibration based technique for damage detection at multiple locations in Reinforced Concrete Structures”, National Conference on Advances in Earth sciences, Structural, Geotechnical and Earthquake Engineering (AEG2E-2012)”, Organized by Department of Civil Engineering, CBIT, Hyderabad.

5.7 Book chapters published

1. **Sri Rama Chand M**, Swamy Naga Ratna Giri P, Rathish Kumar P, Rajesh Kumar G (2019), Paraffin wax as an Internal curing agent in concrete, ICE Themes Smart Concrete – Edited by Ravindra K Dhir and Kevin Paine. January 2019, pp. 3-14
2. **Sri Rama Chand M**, Rathish Kumar P, Swamy Naga Ratna Giri P, Rajesh Kumar G (2019), Performance and Microstructure Characteristics of Self Curing Self Compacting Concrete ICE Themes Self-Compacting Concrete – Edited by Ravindra K Dhir and Chao Qun Lye, January 2019, pp. 301-333

5.8 Employment History

- Assistant Professor in Sree Chaitanya College of Engineering, Karimnagar, Telangana from 12-07-2017 to 01-12-2019.
- Associate Professor in Sree Chaitanya College of Engineering, Karimnagar, Telangana from 02-12-2019 to till date.

5.9 Academic/ Administrative/Social responsibilities

- Head at Department of Civil Engineering, Sree Chaitanya College of Engineering, Karimnagar
- Project Coordinator for IV year B.Tech. Civil Engineering Projects in SCCE, Karimnagar
- Consultancy In-charge at Department of Civil Engineering, SCCE, Karimnagar
- Concrete Technology Lab In charge for the A.Y. 2017-18 and 2018-19.
- Department Faculty Coordinator for NAAC, NBA, ISO certification works.
- Faculty coordinator for various events, competitions conducted in the department for the A.Y 2017-18 and 2018-19.
- Elected as Research Scholar Representative and member of the Student's Council in National Institute of Technology, Warangal, India for the academic year 2015-16.
- Student Coordinator for AFOSEC-2011 organized by VR Siddhartha Engineering College, Kanuru, Vijayawada.

6. Awards / Honors received

- Awarded **NPTEL Elite + Silver Certificate** for successful completion of the course “Structural Dynamics for Civil Engineers SDOF Systems” with a consolidated score of 81%

- Awarded **NPTEL Elite Certificate** for successful completion of the course “Hydration, Porosity & Strength of Cementitious Materials” with a consolidated score of 60%.
- Received **GOLD MEDAL** in B.Tech. for being top in Structural Engineering subjects.
- Received Institute Fellowship from National Institute of Technology, Warangal, India for pursuing Doctoral Studies for four years (July 2013 to April 2017).
- Secured All India Rank 1408 in GATE 2011.
- Received **BEST STUDENT AWARD** in Class XII and X.
- Reviewer for Construction and Building Materials- Elsevier Journal, Scientia Iranica.
- Achieved **First Prize** in Presentation of Research work at Research Conclave – 2K17 held at NIT Warangal
- Secured **Third Prize** in Paper Presentation at the event Samyak 2010 at K L University.
- Attained **Fifth Prize** in AutoCAD drawing competition at the event Ceafest-2011 conducted by IIT Madras.

7. Professional affiliations:

- Associate Member in THE INSTITUTION OF ENGINEERS (INDIA) with Membership No: **AM1808268**