

Name: P. Rama Rao
Designation: Assistant Professor
Department: Civil Engineering
Mail I'd: ramarao_p@vnrvjiet.in



Experience (in years): 4 yrs Teaching: 3 yrs

Industry: 1 yrs

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	M.Tech	2017	Structural Engineering
2	B.Tech	2014	Civil Engineering

2. Teaching and Learning:

2.1. Teaching Interests:

Strength of Materials, Structural Analysis, Design of Reinforced Concrete Structures, Design of Steel Structures, Concrete Technology, Engineering Graphics, Computer Aided Designing Laboratory.

2.2. Novel Teaching & Learning Techniques adopted:

Chalk and Talk, PPTs, Student interactive teaching, Impart e-learning activity through NPTEL

2.3. Involvement in curriculum updating / Design: Nil

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Playing badminton

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counselling and Mentoring Activity:

Counsellor for B.Tech I & III year Students

3.5. Committees involved in: Nil

Department level:

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted: Nil

4.2 Attended:

- Participated and presented paper in 2nd International E-Conference on "Novel Innovations and Sustainable Development in Civil Engineering (Nisdce'22)" March 31 and April 01, 2022, Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.
- Participated and presented paper in International Conference Advances in Civil Engineering (ACE2020) 5-7 November 2020, Visvesvaraya National Institute of Technology, Nagpur (India)

- Participated and presented paper in 2nd International Conference on Manufacturing, Material Science & Engineering ICMMSE2020, 5-6 October, 2020, organized by CMR Institute of Technology, Hyderabad.
- Participated and presented paper in Civil Engineering 2-Days National conference on Modern Concretes-Driving Profit and Sustainability (MCDPAS-2016), 26th-27th August, 2016, organized by VNR VJIET Hyderabad.
- Participated in Short Term Course Under Quality Improvement Programme on Advances In Materials And Structural Aspects of Tall Building Construction organised by Dept. of Civil Engineering, Pondicherry Engineering College.
- Participated in one day Thematic Workshop on Vulnerability Atlas of India and Disaster Resistant Design & Construction Practices organised by the Town and Country Planning Department, PPA Puducherry and BMTPC, New Delhi, held on 11th September 2019, Puducherry
- Participated in AICTE Sponsored 6 day's Short-term training program Phase-I on Advance Construction Techniques in Low-cost Structures for Modern Living held from 5th to 10th November 2020 organized by Department of Civil Engineering, KKR &KSR Institute of Technology & Sciences, Guntur.
- Participated in 6 day's International Structural Engineering Webinar series held during 21st to 26th June 2021, organized by School of Civil Engineering, LPU, Punjab.
- Participated in National Webinar on Use of Innovative Materials for Concrete Applications, organized by Indian Concrete Institute Chennai and IIT Madras on Advance 29th May 2021.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles / Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: Nil

b) PG: Nil

5.5. Research Interests:

Fiber Reinforced Cement Composites, Durability of Cement Composites, Sustainable Materials.

5.6. Ph.D. students:

a) Enrolled: Nil

b) Submitted: Nil

c) Awarded: Nil

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Oil Palm Empty Fruit Bunch Fiber Surface Morphology, Treatment, And Suitability As Reinforcement In Cement Composites: A State Of The Art Review	Cleaner Materials, Elsevier, Volume 6	2772-3976	Scopus	International
2	Recycling of waste HDPE and PP plastic in preparation of plastic brick and its mechanical properties	Cleaner Materials, Elsevier Volume 5	2772-3976	Scopus	International
3.	Experimental Investigation on Mechanical Properties of Oil Palm Empty Fruit Bunch Fiber Reinforced Cement Mortar	Materials Today Proceedings, Vol46, part1, pp 471-476	2214-7853	Scopus	International
4	Experimental Investigation on Mechanical and Durability Properties of Basalt Fibre Reinforced Concrete	Lecture Note in Civil Engineering, vol 172, pp 329–339	978-981-16-4396-5	Scopus	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Effect of Alkali Treatment on Behaviour of Oil Palm Empty Fruit Bunch Fibers	NISDCE 2022 organised by Vel Tech, Chennai	International	March 31- April 1, 2022
2	Experimental Investigation on Mechanical and Durability Properties of Basalt Fibre Reinforced Concrete	ACE 2020 organised by VNIT Nagpur	International	5 th -7 th November 2020
3	Experimental Investigation on Mechanical Properties of Oil Palm Empty Fruit Bunch Fiber Reinforced Cement Mortar	ICMMSE 2020 organised by CMRIT Hyderabad	International	5 th -6 th October, 2020
4	Chopped Basalt Fiber Reinforced Concrete: A Review	MCDPASS 2016 organised by VNR VJIET Hyderabad	National	26 th -27 th August, 2016

5.9. Sponsored research Projects: Nil
5.10 Consultancy Projects: Nil

6. Awards / Honors received: Nil

7. Motto: