

Name : Dr. Ravella Durga Prasad
Designation : Assistant Professor
Department : Civil Engineering
Mail Id : Assistant Professor



Experience (in years):11 Teaching: 06 Research:05 Others(if any, specify): NIL

1. Educational / Technical qualifications:

S. No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph. D	2018	Ocean Engineering
2.	M. Tech	2009	Offshore Structures
3.	B.E.	2006	Civil Engineering
4.	HSC	2001	-
5.	SSC	1999	-

2. Teaching and Learning:

2.1. Teaching Interests:

- Strength of Materials
- Reinforced Concrete Structures
- Design of Steel Structures
- Fracture Mechanics
- Prestressed Concrete
- Advanced Concrete Technology
- Repair, Rehabilitation and Retrofitting of structures

2.2. Novel Teaching & Learning Techniques adopted:

- NPTEL,
- Assignments & Student Presentations
- POGIL
- WIT & WIL
- Learning by Doing

2.3. Involvement in curriculum updating / Design:

- Involved in the updation of the syllabus of the lab and theory subjects to improve the course structure.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Reading Books
- Cycling long distances.
- Riding Bikes & Travel

3.2. CCA/ECA Organized:

- NIL

3.3. CCA/ECA participated:

- NIL

3.4. Counseling and Mentoring Activity:

- Involved in Mentoring for I, II, III & IV B. Tech students.

3.5. Committees involved in:

Department level:

- Member GHMC TPQC Works
- Member – Material Testing Consultancy Works, SM Lab

Institute Level:

- Member – COVID Auditing Team

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted:

- Organizing Secretary - ICCMSSSD – 2020, VNR VJIET
- Co-Ordinator FDP on Advances in Concrete Science and Technology for Sustainability 13th - 18th July 2020

4.2 Attended:

- Attended various conferences at premier Institutes like IITM, BITS Pilani – Goa etc.

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 : 04 b) PG : 07

5.5. Research Interests : Materials in Marine Environment, Concrete Technology, Structural Engineering

5.6. Ph.D students :

a) Enrolled : 0 b) Submitted : 0 c) Awarded : 0

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	Water Cement Ratio – A Fresh Relook	MRS Proceedings, Volume. 1488			International
2	Studies on self-curing self-compacting concretes containing zeolite admixture, ,	Materials Today: Proceedings, Volume 43, Part 2, 2021, Pages 2355-2360	ISSN 2214-7853		International
3	Performance evaluation of self-compacting concrete containing fly ash, silica fume and nano titanium oxide	Materials Today: Proceedings, Volume 43,	ISSN2214-7853		International

		Part 2,2021, Pages 2348- 2354			
4	Studies on Self-Compacting geopolymer concrete containing flyash, GGBS, wollastonite and graphene oxide	Materials Today: Proceedings, Volume 43, Part 2, 2021, Pages 2422-2427	ISSN 2214-7853		International
5	Mechanical and durability characteristics of high performance self-compacting concrete containing flyash, silica fume and graphene oxide, , ,	Materials Today: Proceedings, Volume 43, Part 2, 2021, Pages 2361-2367	ISSN 2214-7853		International

5.8. Papers presented at National / International Journals :

S. No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1.	Evaluation of the in service thermal cycling effects on the fast breeder reactor containment concretes	SMiRT-22, San Francisco, California, USA - August 18-23, 2013	International	August 18-23, 2013
2	An appraisal of strength to water-cement ratio relations. Pp.	XXI Nordic Concrete Research Symposium, Finland.	International	2011
3	Effect of temperatures on the accelerated curing of concrete	XXI Nordic Concrete Research Symposium, Finland.	International	2011
4	Behaviour of Masonry Buildings under Simulated Earthquake Loading”.	Proceedings of the National conference on Recent Advances in Civil Engineering, CUSAT, Cochin, Kerala.	National	2010
5	Early appraisal of concrete strength for quality control”.	Proceedings of Seventh Structural Engineering Convention, Annamalai University, Chidambaram. Pp.	National	2010

		467-470.		
6	Effects of thermal cycling on the mechanical properties of concrete	Indian Conference on Applied Mechanics (INCAM) 2013, IIT Madras	National	4 – 6 July 2013.
7	Studies on effective utilization of calcined and uncalcined zeolite in high performance ternary blended concretes”,	SWAYAM 2018	National	BITS Pilani, Goa Campus, 4 th – 5 th July 2018.
8	Studies on effective utilization of copper slag fine aggregate in high strength concretes	SWAYAM 2018	National	BITS Pilani, Goa Campus, 4 th – 5 th July 2018.
9	Effective utilization of Wollastonite in high performance ternary blended cement concretes	Transportation Research Efforts for Ecological Sustainability” (TREE S-2018)	National	VNR VJMET, 28 th and 29 th September 2018.
10	Studies on effective utilization of copper slag fine aggregate in high strength concretes	Transportation Research Efforts for Ecological Sustainability” (TREE S-2018)	National	VNR VJMET, 28 th and 29 th September 2018.
11	Effects of contaminants in mixing water on the performance characteristics of cement concrete	RECENT TRENDS IN CIVIL ENGINEERING - 2019,	National	CVR College of Engineering, 22 nd – 23 rd , February 2019.
12	Effective utilization of Ternary Blended Cement Concretes using Fly Ash and Ground Granulated Blast Furnace Slag	RECENT TRENDS IN CIVIL ENGINEERING - 2019,	National	CVR College of Engineering, 22 nd – 23 rd , February 2019.
13	Evaluation of Optimum usage of Copper slag aggregate in High Performance Concretes	Two-day National Conference on Advances in Sustainable Construction Materials,	National	National Institute of Technology – Warangal, 15 th and 16 th March 2019.
14	A study on cell filled concrete pavement with partial replacement of recycled aggregate for low volume roads	Two-day National Conference on Advances in Sustainable Construction Materials,	National	National Institute of Technology – Warangal, 15 th and 16 th March

				2019.
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5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Studies on High Performance Self-Compacting Concretes with ternary blended cements containing Graphene Oxide and Nano-Titanium Oxide	TEQIP 3 COLLABORATIVE RESEARCH SCHEME	1 Year	Rs. 3.00 Lakhs	Completed

5.10 Consultancy Projects:

S. No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1	GHMC – TPQC Works at VNR VJIET	GHMC	2019-2020	20.00 Lakhs	Completed
2	GHMC – TPQC Works at VNR VJIET	GHMC	2020-2021	20.00 Lakhs	Completed
3	GHMC – TPQC Works at VNR VJIET	GHMC	2021-2022	Amount Depends on Bills generated at over the entire Year	Ongoing

6. Awards / Honors received: NIL

7. Motto:

- Work is worship.
- Imparting up-to-date knowledge to students.