
Dr. SESA RATNAM PASALAPUDI

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ADDRESS:

Department of Civil Engineering,
Gayatri Vidya Parishad College for Degree and PG Courses (A),
Rushikonda, Visakhapatnam-530045, A.P., India.

QUALIFICATIONS:

Ph.D (2022) (Structures) from Andhra University, Visakhapatnam.

Research Guide: Prof. K.Srinivasa Rao

Area of Research: Performance of heat affected reinforced concrete beams subjected to high temperatures after repair.

(Awarded –24th June, 2022)

M.E (STRUCTURAL ENGINEERING) - First Class from Andhra University.

B.E (CIVIL) (2013) – 7.2 CGPA (First Class from Andhra University)

Intermediate (2008) – 82.60% (First class from Sri Chaitanya Junior College)

10th class (2006) – 87.50 % (First class from Bhashyam Public School)

EXPERIENCE:

June 2013 – December 2013 (Assistant Professor, Dept. of Civil Engineering, Gayatri Vidya Parishad, Technical Campus. (Subjects: Strucutal Analysis, Environmental engineering)

March 2014 – December 2020 (Full-Time Ph.D in Andhra University College of Engineering, taught Structural Analysis and handled Strength of Materials Laboratory)

April 7, 2021 – Till date (Assistant Professor, Dept. of Civil Engineering, Gayatri Vidya Parishad, Technical Campus. (Subjects: Civil Engineering Materials, Geotechnical Engineering, Foundation Engineering, Steel Structures, Structural Dynamics, Concrete Technology and handle Building Materials Lab, Geotechnical Engineering Lab, Transportation Engineering Lab and Strength of Materials Laboratory)

Guided 1 B.Tech Project and 2 M.Tech Projects.

RESEARCH PUBLICATIONS: 6 Research papers published in Reputed National Journals/ Conferences.

LIST OF PUBLICATIONS:

1. Sesha Ratnam, P., and Srinivasa Rao, K., Effect of High temperatures on RCC beams, Indian Concrete Institute Journal, Vol. 19, March 2019, pp. 7-12.
2. Sesha Ratnam, P., and Srinivasa Rao, K., Performance of Heat Affected RC Beams after Repair, International Journal of Applied Engineering Research, Vol. 14 (4), February 2019, pp. 917-924.
3. Sesha Ratnam, P., and Srinivasa Rao, K., Non Destructive Evaluation of Heat Affected Reinforced Concrete Beams after Repair, CBIT National Conference on sustainability of structures. ISBN: 978-81-932824-8-9, December 2016, pp. 331-338.
4. Sudhir, V., Sesha Ratnam, P., Santosh, K.G., Kranthi K.G., Areeda Batu (2021), Structural Classification of Basalat FRP at High Temperatures, Advances in Material Science Engineering (SCI)
5. Divya, M.N.R. and Sesha Ratnam, P., Stimulation of Blast Effect on Multi-Story Building Using Ansys – A Review, International Research Journal of Engineering and Technology (IRJET), Vol. 09 (05), May 2022, pp. 50-55.

6. S. Jyothi Mrudula and Dr. P. Sesha Ratnam., Review Paper on Self-Curing Concrete using Bio-Admixtures, International Research Journal of Engineering and Technology (IRJET), Vol. 10 (06), June 2023, pp. 878-884.

PROFESSIONAL ACTIVITIES: Participated in paper presentations.

Actively organized conferences and workshops conducted in our college.

Presented a Paper in a 2- day National Conference on Sustainable Materials and Management Systems in Civil Engineering (NCS2MCE-2016) at *CBIT, Hyderabad*.

Attended a 5- day course on Analysis and Design of Structures in Fire (ADSF-2017) at *NIT, Jamshedpur*.

Qualified in GATE 2012 Exam

DECLARATION

I here by declare that the information furnished above is true to the best of my knowledge.

Station: Visakhapatnam

Date : 10-02-2024

P. SESHARATNAM