



# Dr. S. R. R. TEJA PRATHIPATI



**Designation** : Assistant Professor  
**E-Mail ID** : teja@vrsiddhartha.ac.in  
**Contact at** : CE 205A, Department of Civil Engineering,  
V. R. Siddhartha School of Engineering,  
Siddhartha Academy of Higher Education  
(An Institution Deemed to be University)  
Vijayawada – 520 007, Andhra Pradesh.

## Education

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**Ph. D (Civil Engineering)**  
2021, NIT WARANGAL

**M.Tech (Engineering Structures)**  
2012, NIT WARANGAL

**B.Tech (Civil Engineering)**  
2010, JNTU Kakinada

## Experience

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Period	Designation	Institution / Organization
Jul 2022–Present	Assistant Professor	V.R. Siddhartha Engineering College, Vijayawada
Sep 2020–Jul 2022	Assistant Professor	Bapatla Engineering College, Bapatla
Jul 2012–Jul 2015	Assistant Professor	Vignan's University, Guntur

## Research Interest

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<b>High performance and fiber reinforced concrete</b>	Design of ultra high-performance and special concrete mixes. Fiber-reinforced and graded fiber concrete for improved durability and strength.
<b>Sustainable materials</b>	Supplementary cementitious materials, recycled aggregates, and high-volume fly ash concrete.
<b>Advanced techniques</b>	3-D printable concrete, rheological properties, and machine learning in concrete technology.

## Honors and Awards

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- Successfully completed AICTE QIP PG Certificate Program on “Block Chain and Data Science” at IIT PATNA in December 2024.
- Received ASCE (American Society of Civil Engineers) Outstanding Reviewer Certificate for the year 2023.
- Received Best Paper Award in the International Conference on Advancements in Sustainable Materials and Infrastructure (ASMI-2022) held during 24-25 August 2022, organized by Department of Civil Engineering, Sreenidhi Institute of Science and Technology, Hyderabad.
- The Indian Green Building Council (IGBC) awards the title of “IGBC Accredited Faculty” in August 2021.
- Acted as Editor for book on " Innovations and Applications of Fiber-Reinforced Concrete" published by NOVA publishers, 2024.
- Acted as one of the Editor for Proceedings of "International Conference on Innovative and Sustainable Technologies in Civil Engineering (ISTCE-2021)" published in IOP Conference Series: Earth and Environmental Science, Volume 982 (2022), IOP Publishing Ltd. (U. K.)
- Acted as one of the Editor for Proceedings of "International Conference on Innovative Technology for Smart Construction Materials and Sustainable Infrastructure (ITSCMSI-2022)" published in IOP Conference Series: Earth and Environmental Science, Volume 1130 (2022), IOP Publishing Ltd. (U. K.)
- Session Chair in the International Conference on Advancements in Science, Engineering and Management (ICASET) 2024 organized by the Vidya Vihar Institute of Technology, Purnea held between September 27<sup>th</sup> & 28<sup>th</sup>, 2024.
- Session Chair in the International Conference on Futuristic Trends in Science, Engineering and Management (ICFTSEM) 2024 organized by the Department of Business Administration, St. Xaviers College of Management and Technology (SXCMT), held between February 23<sup>rd</sup> & 24<sup>th</sup>, 2024.
- Session Chair in the International Conference on Advancements in Sustainable Materials and Infrastructure (ASMI-2022) held during 24-25 August 2022, organized by Department of Civil Engineering, Sreenidhi Institute of Science and Technology, Hyderabad.
- Session Chair in the International Conference on Innovative and Sustainable Technologies in Civil Engineering (ISTCE 2021) organized by the Department of Civil Engineering, Bapatla Engineering College, Bapatla, held between September 24<sup>th</sup> & 25<sup>th</sup>, 2021.
- Session Chair at National Virtual Conference 2020 on Sustainable Construction Technologies and Advancements in Civil Engineering on 09/10/2020 and 10/10/2020 organized by Department of Civil Engineering, Shri Vishnu Engineering College for Women (Autonomous) In association with Indian concrete institute -Student Chapter.

- Delivered guest lecture on “Role of 3D Printable Concrete in Construction Industry” at Srinivasa Institute of Engineering and Technology, Cheyyuru(V), Amalapuram India on 17th July 2023.
- Delivered guest lecture on Research Paper writing at Shri Shankaracharya Institute of Professional Management and Technology, Raipur, India on 5th May 2022.
- Received Institute Teaching Assistantship as a Ph.D Research Scholar at NIT Warangal from Ministry of Human Resources Development (MHRD) from December 2015 to September 2020.
- Received Institute Teaching Assistantship at NIT Warangal from Ministry of Human Resources Development (MHRD) during M.Tech, from July 2010 to June 2012.

## Courses Taught

- Basics of Civil Engineering
- Engineering Mechanics
- Concrete Technology
- Structural Analysis – 1 & 2
- Design of Concrete Structures
- Estimation and Costing
- Fluid Mechanics
- Hydraulics and Hydraulic Machines
- Hydraulics and Hydraulic Machinery Lab
- Auto Desk-Revit and Excel for Engineers Lab
- Building Information Modelling Lab

## Research Profile

### Recognized Research Supervisor

S.No.	Department	University
1	Civil Engineering	Siddhartha Academy of Higher Education

## Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	<a href="https://scholar.google.com/citations?user=P0_gNQ0AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=P0_gNQ0AAAAJ&amp;hl=en</a>
Scopus	ID: 57219250578
ORCID	<a href="https://scholar.google.com/citations?user=P0_gNQ0AAAAJ&amp;hl=en">https://scholar.google.com/citations?user=P0_gNQ0AAAAJ&amp;hl=en</a>
dblp	
Publons	<a href="https://publons.com/wos-op/researcher/3719881/raviteja-sriram/">https://publons.com/wos-op/researcher/3719881/raviteja-sriram/</a>
Research Gate	<a href="https://www.researchgate.net/profile/S-R-R-Prathipati">https://www.researchgate.net/profile/S-R-R-Prathipati</a>
LinkedIn	<a href="https://www.linkedin.com/in/dr-s-r-r-teja-prathipati-68121a1a/">https://www.linkedin.com/in/dr-s-r-r-teja-prathipati-68121a1a/</a>

## Consultancy / Industry Projects

Completed	3
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## Patents

Granted	Nil
Published	1
Applied	1

## Invited Talks

No. of Invited Talks	2
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## Professional Service / Reviewer

- Reviewer for Wiley Structural Concrete
- Reviewer for ASCE Journal- Practice Periodical on Structural Design and Construction
- Reviewer for Advances in Structural Engineering-SAGE Journal
- Reviewer for Materials-MDPI Journal
- Reviewer for Materials Today: Proceedings
- Reviewer for IOP: Earth and Environmental Science.
- Reviewer for Innovative Infrastructure Solutions (IISS)

## Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	10
International / National Level Seminars	2
International / National Level Conferences	4
Workshops	5
Instructor Led / Self-Paced Courses	1
Webinars	4

## Professional Bodies Membership Details

Nil
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(Dr. S. R. R. TEJA PRATHIPATI)