

GADIKOTA CHENNAKESAVA REDDY

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Career Objective:

I am seeking a position in a reputed engineering educational institute that helps me exhibit the best of skills and talents I possess for the growth and development of the organization and make up a challenging career.

Personal skills:

Comprehensive problem-solving abilities, excellent verbal and written communication skills, Ability to deal with people diplomatically, willingness to learn.

Educational Qualifications:

- **PhD (Part-Time) in Civil Engineering Department, From Vignan's University, Guntur in 2024.**
- **M.Tech in Structural Engineering, From Vignan's University, Guntur, in 2016 With 9.1 CGPA.**
- **B. Tech in Civil Engineering. From CBIT, Proddatur. Affiliated to J.N.T.U.A in 2014 With 73.96%.**
- **Intermediate in M.P.C from Sri Chaitanya junior college/Board of intermediate, Tirupati in 2010 with 81.80%.**
- **Class 10th from B.V.M. High School/Board of Secondary Education, Rayachoty, in 2008 with 80.00%.**

Teaching Experience: (7 Years)

- Working as **Assistant professor (c)** in Civil Engineering Department at **KSRMCE** from **July-2019 to till date.**
- Worked as **Assistant professor (Adhoc)** in the Department of civil engineering at **JNTU Pulivendula** since **June-2017 to June-2019.**
- Worked as **Academic Assistant** in Civil Engineering Department at **RGUKT RK valley** for a period of **11 months** for the academic Year **2016-17.**

Industrial/ Site Experience: (1 Year 6 Months)

- Worked as a **Trainee engineer** at **SATYA ILLINDRA ENGINEERS** and in **Structural Design & Planning Department** and carried out the construction of seismic Multi-storey buildings at **S.I.E Limited, Hyderabad** from **September- 2015 to April-2016.**

- Worked as a **Graduate Engineer Trainee (GET)** at **P.L.R. projects Pvt.Ltd** for Proposed construction of road, up gradation of facilities and other amenities in the existing road at Bhakra pet at Tirupathi, Andhra Pradesh from **April 2014 to September 2014**.

Achievements:

Patents:

1. Status: Granted Patent Country: India

Title: **The Internet of Things with Artificial Intelligence Based Approaches for Sustainable and Smart Cities**

Application number: 202331000114 Granted Date: 27/01/2023

2. Status: Granted Patent Country: India

Title: **Development of Artificial Neural Network Techniques for Fiber Reinforced Concrete**

Patent number: 202341012857 A Granted Date: 17/03/2023.

Publications:

- **Chennakesava Reddy Gadikota**, in Multiscale and Multidisciplinary Modelling, Experiments and Design, Influence of steel slag on strength and microstructural characteristics of fly ash-based geopolymer concrete. Multiscale and Multidiscipline. Model. Exp. and Des. (2024), DOI:10.1007/s41939-024-00541-0 (SCOPUS)
- **Chennakesava Reddy Gadikota**, published under licence by IOP Publishing Ltd.IOP Conference Series: Earth and Environmental Science, Volume 1280, 2nd International Conference on Advancements in Sustainable Materials and Infrastructure 2023Earth Environ. Sci. Strength and Durability Studies of Geo-Polymer Concrete in the presence of Marine Water, DOI 10.1088/1755-1315/1280/1/012022
- **Chennakesava Reddy Gadikota**, D. S. Chandra in Asian Journal of civil engineering, Influence of Slag Content on Mechanical, Durability and Microstructural Performance and Their Correlations in Fly ash Geopolymers Exposed to Indian Marine Environment. DOI:10.1007/s42107-023-00896-8(SCOPUS)
- **Chennakesava Reddy Gadikota**, D. S. Chandra in Journal of Building Pathology and Rehabilitation, Influence of marine environment on durability and microstructural properties of fly ash- based geopolymer concrete DOI: 10.1007/s41024-023-00339-6. (SCOPUS)
- Abdhesh Kumar Sinha, **G Chennakesava Reddy**. (2023). " EXPERIMENTAL INVESTIGATIONS ON SELF COMPACTING CONCRETE USING POLYMERIC WASTE." Corrosion And Protection, Vol. 51 Issue. 2 (2023), 405-416. (SCOPUS)
- Yarlagadda Suma, **G Chennakesava Reddy**. (2023). "Experimental Investigations on Hybrid Glass Fiber Reinforced Slag Fly Ash Blended Geopolymer Concrete." Eur. Chem. Bull. 2023,12(Special Issue 9), 1-11. DOI: 10.48047/ecb/2023.12.9.01 (SCOPUS)
- **G Chennakesava Reddy**, DS Chandra. (2023). " Design and Analysis of a High-rise building with and without Hanging column" Eur. Chem. Bull. 2023, VOLUME 12, ISSUE 10), 1-8. DOI: 10.48047/ecb/2023.12.10.3772023 (SCOPUS)
- Regolith counterpoise and diminution of pavement thickness using rubber tyre shreds IJTICES, volume-04, issue-04, April- 2018 (**UGC**)
- Usage of Geogrids in flexible Pavement Design, IJESRT, ISSN: 2277-9655, April- 2018 (**UGC**)

International/National conference: - 10

- 1) National Conference on Integrated Approach for Sustainable Agriculture and Allied Sciences, (IASAAS-2020) 24 -25th July 2020. Vignan's Foundation for Science, Technology & Research University (VFSTRU).
- 2) 2nd National Conference on Technological Innovations in Civil Engineering (NCTICE 2019), August 22-23, 2019. Vignan's Foundation for Science, Technology & Research University (VFSTRU).
- 3) DST-SERB National conference on "Recent Advances in Materials Science for Sustainable Development-2019 (RAMSSD-2019)", 31st August-1st September 2019. Vignan's Foundation for Science, Technology & Research University (VFSTRU).
- 4) National Conference on Technological Innovations in Civil Engineering (NCTICE 2017), May 19-20, 2017. Vignan's Foundation for Science, Technology & Research University (VFSTRU).

FDP's: -

- Participated FDP on "Aspirations Development Programme FPR Self & Professional Empowerment", which is held by JNTUA in Association with **TEQP-III at Anantapur** from 27-11-2018 to 01-12-2018.
- Participated FDP programme on "**ETABS**", software which is held by APSSDC from 26-05-2020 to 06-06-2020
- Trained Faculty Development programme on "**STAAD PRO**" software, which is held by APSSDC from 26-05-2020 to 06-06-2020
- Participated FDP on "**Recent and Emerging Trends in Structural Engineering**", which is held by Bansal Institute of Engineering and Technology from 28-02-2022 to 05-03-2022.
- Participated FDP on "Developments in Building Diagnosis", which is held by Visvesvaraya Technological University, during 03-03-2022 to 09-03-2022.
- Participated FDP on "Materials in Civil Engineering", which is held by Vignan's University from 21-03-2022 to 26-03-2022
- Participated FDP on "SMART AND SUSTAINABLE MATERIALS IN ENGINEERING", which is organized by SREE RAMA COLLEGE OF ENGINEERING from 11-06-2022 to 16-05-2022.
- Participated FDP on "Publications, Projects and Patents (PPP-2K22)", which is organized by CVR COLLEGE OF ENGINEERING from 28-11-2022 to 04-12-2022.

Workshop's: -

- Participated Webinar on **Leveraging emerging concrete varieties in construction** Organized by **SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN(A)** on 22-05-2020.
- Participated Webinar on **Effect of Quality on Durability and life of concrete structures** Organized by **KL Deemed to be University** on 26-05-2020.
- Participated Workshop on **Use of Technology in Education** Organized by **APSCHE in Association with RGUKTN-AP** on 23-09-2021.

- Participated Webinar on **Sustainable for construction Opportunities & Challenges** Organized by **Ultra tech Cement** on 05-02-2022.
- Participated **Impact Lecture Session-I** organized by the **IIC Cell, NIT Andhra Pradesh** on 15-06-2022.
- Participated **Impact Lecture Session-II** organized by the **IIC Cell, NIT Andhra Pradesh** on 30-05-2022.
- Participated **Two Days National Symposium on Academic Challenges Towards Implementation of NEP in HEI's** organized by the **LTJJS's in Association with NAAC-BENGALURU** on 30-09-2022.
- Participated Webinar on **Effect of Magnetic water in Concrete** Organized by **Ultra tech Cement** on 08-10-2022
- Attended Workshop **Technologies for Low-Carbon and Lean Construction**, which is held by IIT madras from 30-01-2023 to 03-02-2023.

Certificates courses:

- Certified in **“Plastic Waste Management”** through online MOOC NPTEL

Committees:

- Acting as a **RO Plant Incharge** in K.S.R.M.C.E(A).
- Acting as a **Civil Consultancy Works Incharge** in the Department of Civil Engineering.
- Nominated as Departmental NPTEL Co-ordinator
- Nominated as Nature Club member
- Nominated as Exam Cell member
- Nominated as Departmental Virtual lab Co-ordinator member

Subjects Handled:

- Reinforce concrete design of Structures
- Design of Steel structures & Strength of materials
- Fluid Mechanics & Hydraulic and Hydraulic machines

Research Area's:

- Geopolymer Concrete.
- Cementitious materials.
- Rehabilitation Of structures.
- Marine environment.

Research IDs:

- ORCID - <https://orcid.org/0000-0003-2532-7299>
- Scopus ID - <https://www.scopus.com/authid/detail.uri?authorId=58547481100>
- Scopus H-index - 1
- Google Scholar - <https://scholar.google.co.in/citations?user=BYTHQJcAAAAJ&hl=en>

Professional memberships:

- IWRA - International Water Resources Association -M-09876

Civil Software's

- STAAD PRO, ETABS, AutoCAD, Sketch UP.

PERSONAL DETAILS:

NAME	: Gadikota Chennakesava Reddy
FATHER'S NAME	: Gadikota Chenna Reddy
DATE OF BIRTH	: 10 th July 1993
SEX	: Male
NATIONALITY	: Indian
MARITAL STATUS	: Married
LANGUAGES KNOWN	: Telugu, English & Hindi

DECLARATION:

I hereby declare that the above information is true and correct to the best of my knowledge.

Place:

Date:

(Gadikota Chennakesava Reddy)