

CIRCUMLUM VITAE

Mr.Kasagani.Ramu .M.Tech,
Assistant Professor
Civil Engineering
SR Gudlavalleru Engineering College
Gudlavalleru
Andhra Pradesh
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OBJECTIVE:

To work with a reputed institution as an Assistant professor in Dept. Civil Engineering, that will provide me a good platform to utilize my teaching & administration skills and will help me to grow my career & Institution

EDUCATIONAL QUALIFICATIONS:

Course	Discipline	Name of the institution	Board/ University	Period of Study	CGPA/ Percent age
P.G (AICTE QIP)	Data Science & Quantum Computing	ABVIITM Madhya Pradesh	ABVIITM	July –Dec 2025	8.7
M.Tech	Structural Engineering	Pydah College Of Engineering Kakinada	JNTU Kakinada	2014-2016	77%
B.Tech	Civil Engineering	Gayatri Institute of Engineering & Technology,	JNTU Kakinada	2009-2013	67%
Intermediat e	M.P.C	Surya Junior College, Jangareddygudem	M.P.C	2006-2008	70%
Class X	S.S.C	Apollo EM High School, Koyyalagudem	S.S.C	2005-2006	75%

EMPLOYEMENT DETAILS:

DESIGNATION	INSTITUTION NAMES	PERIOD
Assistant Professor	Gudlavalleru Engineering College, Gudlavalleru	10-04-2023 to Till date
Assistant Professor	Ramachandra College of Engineering(RCE), Eluru	13-11-2019 to 31-03-2023 (3 Year 4 Months)
Assistant Professor	Pydah College of Engineering, Kakinada	21-11-2016 to 09-11-2019 (3 Years)
Graduate Engineer Trainee & Surveyor	Galacon Infrastructure Projects Pvt. Ltd. Bangalore	10-10-2013 to 18-12-2014 (1 Year 2 Months)

RESEARCH INTERESTS:

Low Cost/Alternate building materials, Lightweight Concrete, Self healing concrete, self compacting concrete, recycled aggregate concrete, fiber reinforced Concrete sustainable construction materials, Emerging Areas in Machine Learning Techniques

KEY RESPONSIBILITIES

Designation	Institution	Duration	Key Responsibilities
Assistant Professor	SR Gudlavalleru Engineering College	03 Years	<ul style="list-style-type: none">➤ Department Coordinator – Managing Digital Media Centre operations and content.➤ Department-Level Website Coordinator, responsible for managing and updating departmental website content.➤ Assistant Coordinator for NBA Criteria 1 at the Department Level.➤ Assistant Placement Coordinator at the Department Level, supporting student placement activities and coordination with recruiters➤ Assistant Coordinator for CIS 5 at the College Level

PUBLICATIONS:

NATIONAL/INTERNATIONAL JOURNALS

1) K.Ramu, “Vertical Irregularity And Its Impact Over Structures In Earthquake Prone Zones..” *International Journal for Innovative Engineering & Management Research*, Volume 06, Issue 04, Page No: 855 – 863.

- 2) K.Ramu *et al* , “**Development of Traffic Sign Asset Management System in Vijayawada City.**” *International Journal for Innovative Engineering & Management Research*, Volume 08, Issue 08, Pages: 301–309
- 3) K.Ramu *et al.*“**Experimental Investigation Improvement and Stabilization of Expansive Soil Using Phospogypsum and Fly Ash**” *Parishodh Journal*, Volume IX, Issue II, February/2020
- 4) K.Ramu *et al.*“ **An Experimental Study to Improve the Soil Stability using Terrazyme and Phosphogypsum in Rigid Pavement**” *International Journal of Innovative Research in Science, Engineering & Technology*, e-ISSN: 2319-8753, p-ISSN: 2347-6710
- 5) K.Ramu *et al.*“ **An Experimental Study On Partial Replacement Of Fine Aggregate With Coconut Shell Powder and Tannery Waste**” *International Journal of Management, Technology & Engineering*, Volume XIV, Issue IV, APRIL 2024
- 6) K.Ramu *et al.*“ **Innovative Soil Stabilization by Using Fly ash and plastic Strips for Black Cotton Soil Improvement**” *International Journal of Innovative Engineering & Research Technology* ,Volume X, Issue II, FEB 2025

ONGOING PUBLICATIONS

1. Development of Machine Learning Based Model for Accurate Characterization of Damage in Structural Beam.
2. Stabilization of Marine Soil by Using Silica Fume and Crushed Tile Powder.

FACULTY DEVELOPMENT PROGRAMS

- 1) Attended Five-Day Faculty Development Program on “ **Data Analytics, Machine Learning and Emerging AI Technologies in Civil Engineering**” from February 23th to 28th, 2026 organized by Department of Civil Engineering, KG Reddy Engineering College (A), Hyderabad , Telangana.
- 2) Attended a six day Faculty Development Program on “**Sustainability in Mechanical and Civil Engineering**” organized by the Department of Mechanical Engineering and Department of Civil Engineering, Jaypee University of Engineering & Technology, Guna (M.P.), India from 17/2/2026 to 21/2/2026
- 3) Attended a six days AICTE Training And Learning (ATAL) Academy Faculty Development Program on **Artificial Intelligence and It's Applications** at Gyanmanjari Institute Of Technology from 19/01/2026 to 24/01/2026
- 4) Attended a six days AICTE Training And Learning (ATAL) Academy Faculty Development Program on **Quantum Computing at Raj Kumar Goel Institue of Technology** from 05/01/2026 to 10/01/2026
- 5) Attended a six days AICTE Training And Learning (ATAL) Academy Faculty Development Program on “ **The Triad: Quantum, Block chain, And Machine Learning For Trusted AI**”, at Sastra Deemed University From 08/12/2025 To 13/12/2025.

- 6) Attended Five-Day Faculty Development Program on “**Emerging Research Trends in Civil Engineering**” from November 24th to 28th, 2025 jointly organized by Department of Civil Engineering and Research and Development Cell, SRKR Engineering College (A), Bhimavaram, A. P.
- 7) Attended a 40 hours Faculty Development Program on “**Applications of MATLAB in Civil Engineering**” organized by E&ICT Academy NIT Warangal, Telangana in association with the S.R. Gudlavalleru College from 17th February- 27th February 2025.
- 8) Attended a One Week Faculty Development Program on **Modernization in Civil Engineering Sustainability Approach**”, during 04-08 February 2025 organized by Department of Civil Engineering, in Association with NDC Ready mix Concrete of Indian Society of Structural Engineering (Amravati Centre).
- 9) Attended a Five Days Faculty Development Program on “**Potential Research Trends in Civil Engineering Domains**”, organized by Department of Civil Engineering ,at Lakireddy Bali Reddy College Of Engineering (Autonomous), during 24-03-2025 to 28-03-2025
- 10) Attended and successfully completed One Week Faculty Development Programme (FDP) on the theme “**Green Cloud Computing: Practices for Sustainable IT**” organized by Department of Information Communication L Technology (ICI) Tecnia Institute of Advanced Studies, Rohini, Delhi held on 30 Dec 2024 to 4 Jan 2025.
- 11) Attended a six days AICTE Training and Learning (ATAL) Academy Faculty Development Program on “**Building Services in Smart City Through IoT-Edge-Fog-Cloud Federation**” at National Institute of Technology Warangal from 09/12/2024 to 14/12/2024
- 12) Attended a six days AICTE Training and Learning (ATAL) Academy Faculty Development Program on “**Disaster Risk Reduction through Sustainable Infrastructure**” at Ramachandra College of Engineering from 16/12/2024 to 21/12/2024.
- 13) Attended and successfully participated in the three-day Faculty Development Program on “**Generative AI**” organized by the Department of Information Technology of Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 26 Jun 2024 to 28 Jun 2024.
- 14) Attended and successfully participated in the Five-day Faculty Development Program on “**IInd Series of Geo Technical Practices & its sustainable Development -2024**” organized by the Department of Civil Engineering of Ballari institute of Technology and Management, Ballari from 18 June 2024 to 22 June 2024.
- 15) Attended and successfully participated in the Five-day Faculty Development Program on “**IInd Series of Geo Technical Practices & its sustainable**

Development -2024 organized by the Department of Civil Engineering of Ballari institute of Technology and Management, Ballari from 18 June 2024 to 22 June 2024.

- 16) Attended the Online Faculty Development Programme on **“Innovative Technologies for Sustainable Environment”** by the Department of Civil Engineering of GMR Institute of Technology from 26th - 30th December, 2023
- 17) Attended a One Week Short-Term Online Course on **"Emerging Technologies in Infrastructure Development"** sponsored by Indian Society for Technical Education (ISTE), New Delhi during 29/05/2023 to 3/06/2023. Organised by Department of Civil Engineering at P. R. Pote (Patil) College of Engineering & Management, Amravati.
- 18) Attended a One Week Faculty development Program Course on **"Geo-Spatial Technologies”** during 23/05/2024 to 28/05/2024.
- 19) Attended a six days virtual Faculty Development Program on **"Sustainable Construction Practices** “organized by K.L. University, held during 05th - 10th August 2024.
- 20) Attended one week Faculty Development Program on **"MATLAB Applications in Civil Engineering”** organized by S.R. Gudlavalluru Engineering College, held during 11th - 15th March 2024..

WORKSHOPS/CONFERENCES:

- 21) Attended One Day “International Workshop on Innovation in the Construction Materials and Techniques (ICMT-2023)” on 17th May, 2023, organized by Department of Civil Engineering, SRMIST, Kattankulathur Jointly with UNIMAS, Sarawak, Malaysia.
- 22) Attended Five-Days Hands on Workshop on **“Drone Survey, Photogrammetry & Digitization Maps for Engineering Applications”** organized by Department of Civil Engineering, of Presidency University Bangalore, from 21 August 2023 to 25 August 2023.

PATENTS:

- 1) Mr.K.Ramu *et al* **“An Eco-Efficient Bituminous Pavement System Employing Reclaimed Asphalt Pavement Materials”** *patent publication dated 06/03/2026* Application No. 202641021721 A
- 2) Mr.K.Ramu *et al* Title of the invention : **A Ternary Blended Geopolymer Concrete”** *patent publication dated 20/02/2026* Application No.202641014303 A
- 3) Mr.K.Ramu *et al* Title of the invention **A Novel Composition for Lightweight Cementations Blend with Expanded Clay Aggregate for Sustainable Structural Concrete”** *patent publication dated 20/03/2026* Application No.202641014303 A

- 4) Mr.K.Ramu *et al.*“ **Hybrid Timber Structures for High Rise Buildings for Colder Temperature regions**” *patent publication dated 17/05/2024*

NPTEL ONLINE CERTIFICATIONS:

S.NO	Name of the Course	Duration	Final Score	Performance
1.	Building Materials as a Cornerstone to Sustainability	July – Oct,2025 (12 week course)	84%	Elite+Silver
2	Introduction to Internet of Things	Jan – Apr, 2025 (12 week course)	77%	Elite+Silver
3	Cloud Computing	Jan – Apr, 2025 (12 week course)	62%	Elite
4	Structural Analysis	Jan – Apr, 2024 (12 week course)	47%	Successfully Completed

HONOURS AND ACHIEVEMENTS

- 1) Qualified in AP RCET – 2025 & Secured **30th Rank** conducted by Sri Padmavati Mahila Visvavidyalayam (University for Women) , Tirupati on behalf of APSCHE
- 2) AICTE PG Certificate Program in Data Science and Quantum Computing from ABVIITM, Gwalior Madhya Pradesh in Dec 2025
- 3) Ratified Assistant Professor in Ramachandra College of Engineering, Eluru by JNTUK KAKINADA VIDES Lr.No.JNTUK/DAA/Ratified Faculty/ 2022 dated 07.04.2022).
- 4) Best Faculty Performance Awards (**06**) in Semester wise for tenure of service in college, for attaining above 85 % pass percentage.

PROFESSIONAL BODIES MEMBERSHIPS

Member	Edwin Group of Journals (India)
Member	IAENG

COURSES TAUGHT

- 1) Strength of Materials
- 2) Estimation ,Specifications & Contract ,Valuation
- 3) Structural Analysis
- 4) Theory of Structures
- 5) Concrete Technology
- 6) Design & Drawing of Steel Structures
- 7) Design of Reinforced concrete structures
- 8) Basic of Civil Engineering

- 9) Building materials and construction
- 10) Elements of Civil Engineering
- 11) Advanced Concrete technology
- 12) Universal Human Values

ADDITIONAL RESPONSIBILITIES

- 1) NBA Criteria VII Coordinator (Dept level)
- 2) NAAC (A+) Criteria I Coordinator (Institution Level)
- 3) Identify and organize Workshops online/ offline at National/International level and field trips to enhance curriculum.
- 4) Site Engineer cum Surveyor-Execution of Civil Works & Column Markings
- 5) Quantity Surveyor-BBs Calculations
- 6) Charged as an in charge HOD at Pydah College of Engineering.

PERSONAL STRENGTH

- 1) Quick learner with Good Leadership qualities.
- 2) Hard Working and Adaptability to the situation and commitment to the work.
- 3) Willingness to learn and contribute to the growth of institution.

PERSONAL DETAILS:

- ❖ Name : K.Ramu
- ❖ Date of Birth : 18-March-1992.
- ❖ Nationality : Indian.
- ❖ Father's Name : Surya Rao
- ❖ Mother's Name : Chantamma
- ❖ Marital status : Married
- ❖ Languages Known: Telugu and English

DECLARATION:

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

Date: 24-03-2026,
Place: Gudlavalleru

Mr.K.Ramu