



Mr. Ramesh Vattikundala

Faculty Id	:	
Date of Birth	:	14 June, 1989.
Designation	:	Assistant Professor.
Years of Experience	:	Teaching: 5 years.
		Industry: 3years.
Email Id	:	Rameshccm106@gmail.com
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Faculty Web Page	:	
Employment Status	:	Full Time - Ratified by JNTUH
Areas of Specialization	:	<ul style="list-style-type: none">• Self healing concrete.• Advanced concrete materials.• Field examination analysis.• Quality Control and assurance of concrete.• Research on power generation techniques.
UG Degree	:	CIVIL ENGINEERING, 2011, SKIT, Srikalahasti, Andhra Pradesh.
PG Degree	:	Structural Engineering, 2013, JNTU College Engineering Ananthapur (Autonomous), Ananthapuramu, Andhra Pradesh.
Ph.D	:	Pursuing in Structural Engineering, JNTUA, Ananthapuramu.
Ph.D Thesis topic	:	Experimental Investigation on strength and durability of bacterial concrete with different bacteria's.
UG Subjects Taught	:	Strength of Materials, Concrete Technology, Geotechnical Engineering, , Design & drawing of Steel structures, Advance surveying, Design & drawing of Reinforced concrete structures, Advanced structural analysis, Transportation Engineering, Environmental Engineering, Design & drawing of Irrigation structures, Engineering Mechanics and Engineering geology.

PG subjects Taught	:	Research methodology, Experimental stress Analysis, Advanced Concrete Technology, Advanced steel structures, and Structural Dynamics.
Projects handled (Consultancy)	:	<p style="text-align: center;"><u>Owner & Contractor:- G.V.R Infra Ltd</u></p> <p>1. Execution work on Major district Roads from Gudur to Rapur in Nellore, Andhra Pradesh.</p> <p style="text-align: center;"><u>Owner & Contractor:- Lakshmi Groups</u></p> <p>1. Execution work of Irrigation branch canal marking, excavation, and structures like slab culvert, pipe culvert at Vendadu, Nellore dist, A.P.</p> <p style="text-align: center;"><u>Contractor & Sub Contractor:- L&T, GVR Company</u></p> <p>1. Extension of 4 lanes to 6 lanes National highway no 6 from Chennai to Tada quality control and mix design of pavement materials.</p> <p style="text-align: center;"><u>Owner & Contractor:- Amararaja infra</u></p> <p>1. Execution and quality assurance in Amararaja industrial buildings like extension of power house, lake view guest house, IBD plant in Amararaja head office, Chittoor, Andhra Pradesh.</p>

Papers Published:

International Journals:

☞ **Ramesh Vattikundala**, Vaishali G Ghorpade, Sudharshana Rao, H., "ISOLATION, MOLECULAR CHARACTERIZATION AND SELF – HEALING CAPABILITY OF SOME NATIVE ISOLATES OF BACILLUS SPS", International Journal of scientific & Engineering Research vol 7, No. 3(2016), pp 242-252.
<https://www.ijser.org/incalts-2016-conference-papers.aspx>.

☞ **Ramesh Vattikundala**, Vaishali G Ghorpade, Sudharshana Rao, H., "IDENTIFICATION OF SELF-HEALING CAPABILITY AND STRENGTH GAINING OF SOME NATIVE SECLUDES OF BACILLUS AEROPHILUS", International Journal of Civil Engineering and Technology, vol 7, No. 6(2016), pp 348-356.
http://www.iaeme.com/MasterAdmin/uploadfolder/IJCIET_07_06_037/IJCIET_07_06_037.pdf.

Conference:

☞ International Conference on Advances in Computing logic, Technology & Sciences-2016 on *Isolation, molecular characterization and self – healing capability of some native isolates of Bacillus sps.*, **(Got the best paper Award).**

Guest Lectures:

1. Worked Govt. College in **Srikrishnadevaraya University** Ananthapuramu, Andhrapradesh from 2014 to 2017.
2. Worked in **Anantha lakshmi College of Engineering** Ananthapuramu, A.P. 2014.
3. Worked in **Samskruthi college of Engineering** and Technology Hyderabad, Telangana 2013 to 2014.

Patents:

- ☞ Methods for preparation of bacterial concrete with self-healing abilities and products thereof (Filed and journal published).
- ☞ System and method for generating high power by utilization of minimal input power and pressurized water (Filed and journal published).

Membership/Participations:

- ☞ Associate Member in the Institution of Engineers India.
- ☞ FDP program conducted in KG Reddy Engineering College and technology 2018.
- ☞ Participated in one day workshop "RTI Forum" at Deeksha Academy of Civil Service, Hyderabad conducted by youth for better India, 2018.
- ☞ FDP on "Agile Methodologies" at JNTU College of Engineering, Ananthapuramu, 2015.
- ☞ Participated one week orientation program on "Research Methodology" at JNTUA, Ananthapuramu, 2015.
- ☞ Participated in "Concrete canoe" presentation at NIT Warangal 2010.

Workshops attended/Seminars:

- ☞ One Day Workshop on "*Human Values and Professional Ethics, Engineering Inner Excellence*" presentation at JNTUA College of Engineering (Autonomous), Ananthapuramu, 2016.
- ☞ One Day Seminar on "*Quality of Education in private Engineering colleges*" presentation at JNTUA College Campus, Ananthapuramu, 2016.

☞ One Day Didactical programme on “*Crafting Powerful Questions*” organized by JNTUCEA Ananthapuramu, A.P, 2016.

Achievement:

☞ Award First Prize in “*Waste Management Systems*” presentation at JNTUA College of Engineering (Autonomous) (2009), Ananthapur.

☞ Award First Prize in “*Plastic Roads*” presentation at Samskruti College of Engineering &Technology, Ghatkeswar (M), R.R.District.

☞ Selected as GET in off campus drive **IVRCL, SOMA, KMC** and **AMARARAJA** companies 2011.

☞ I have National Cadet Corps (NCC) **B** certificate.

Books Published:

None

Research Projects Undertaken:

None