DEPARTMENT OF CIVIL ENGINEERING

INTRODUCTION

Department of Civil Engineering was established in the year 2008. It conducts B.Tech programme in Civil Engineering and M.Tech Programme in Structural Engineering. The Department has well-equipped laboratories.

In addition to quality teaching, students are exposed to certification courses and workshops along with personality development programmes. The gradual increase in the number of participants for various programmes and the growing number of placements reflects the impact of these programmes.

The department is strengthened with a total of 35 faculty members out of which five are Doctorates and five are pursuing PhDs.

Doctorates in the Department of Civil Engineering

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Degree Awarded</th>
<th>No. of Publications(journals/conferences)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Mohd. Hussain</td>
<td>2002</td>
<td>26</td>
</tr>
<tr>
<td>2</td>
<td>Dr. N Sanjeev</td>
<td>2003</td>
<td>14</td>
</tr>
<tr>
<td>3</td>
<td>Dr. G.V.K.S.V. Prasad</td>
<td>2008</td>
<td>09</td>
</tr>
<tr>
<td>4</td>
<td>Dr. V Srinivasa Reddy</td>
<td>2015</td>
<td>56</td>
</tr>
<tr>
<td>5</td>
<td>Dr. C. Lavanya</td>
<td>2015</td>
<td>09</td>
</tr>
</tbody>
</table>

Resource Mobilization for Research (TEQIP-II)

<table>
<thead>
<tr>
<th>S.No</th>
<th>Name of the Faculty</th>
<th>Title</th>
<th>Name of the Funding Agency</th>
<th>Amount</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Dr. V Mallikarjuna Reddy</td>
<td>One week FDP on “MATLab Application in Civil Engineering” 27 Feb 2017 to 06 March 2017.</td>
<td>TEQIP-II</td>
<td>Rs 34,000</td>
<td>2017</td>
</tr>
</tbody>
</table>

Dr. V Mallikarjun Reddy,
Professor of Civil Engineering
Qualifications:

- PhD in Civil Engineering from J.N.T.U Hyderabad.
- Master of Technology (M.Tech) in Structural Engineering from Jawaharlal Nehru Technological University (J.N.T.U), Hyderabad

LIST OF PUBLICATIONS

Journals

Dr. V. Mallikarjuna Reddy, “Study on properties of fresh and hardened self compacting concrete with varied percentage of metakaolin as mineral admixture” (M40 grade) IOSR Journal of Mechanical and Civil Engineering (IOSR-JMC) Jan-feb 2017 15-21 e-ISSN:2278-1684 p-ISSN:2320-334X

Conferences

Dr. V. Mallikarjuna Reddy “Studies On Mechanical Properties Of High Strength Self-Curing Concrete (M70 Grade)” National Conference on Recent Innovations in Civil Engineering (RICE 2017), GRIET, Hyderabad ISBN: 978-93-5279-269-6


Dr. Mohammed Hussain
Professor of Civil Engineering
Qualifications:

- Ph.D in Water Resources Engineering from JNTUH Hyderabad (2002)
- Master of Engineering (M.E) in Hydromechanics and Water Management from the University College of Engineering, Osmania University, Hyderabad (1992)
- Bachelor of Technology (B.Tech) in Civil Engineering from National Institute of Technology (formerly Regional Engineering College) NIT, WARANGAL (1983)
- Master of Human Resources Management (MHRM), Pondicherry University (2004)
- P.G. Diploma in Design and Construction of Concrete Structures, Annamalai University (2006)


Journal Publications/Conference Proceedings:

LIST OF PAPER PUBLICATIONS

Dr. Mohd. Hussain (2017) "Codal provisions and specifications to mitigate natural disasters", All India seminar on “Disaster-Mitigation of floods & Urban drainage issues” held at the Institution of Engineers (INDIA), Telangana state, 6-7 January 2017

Dr. Mohd. Hussain (2017), “Preparation and Implementation of Operation Plans as Sustainable Water Management Practice in Irrigation Projects to increase Water Use Efficiency: A case study in India”, All India seminar on “Sustainable Water Management” held at the Institution of Engineers (INDIA), Telangana state, 15 May 2017

Dr. Mohd. Hussain (2017) "Seventeen sustainable development goals of United Nations to be achieved by 2030- Action planning and Implementation for engineers (with a particular reference to Civil Engineers) to improve World Happiness Index”, Paper presented in Third General Body Meeting held on 31 October 2017, organized by Institution of Engineers (INDIA), Telangana state centre on 15 May 2017.

Dr. Mohd. Hussain (2017) “Role of Engineers in a developing India” All India seminar on “Role of Engineers in a developing India” held at Institution of Engineers, Telangana State Centre on 15 September 2017.


Dr N Sanjeev
Professor of Civil Engineering
GRIET Hyderabad

Research Interests
Concrete Technology, Structural Engineering

LIST OF PUBLICATIONS

Conferences

- Dr. N. Sanjeev  "A Study On Replacement Of River Sand With Combination Of ROBO Sand, Fly ash And GGBS In Fibre Reinforced Concrete" National Conference on Recent Innovations in Civil Engineering (RICE 2017), GRIET, Hyderabad ISBN: 978-93-5279-269-6

Dr. G.V.V. Satyanarayana,
Professor in Civil Engg Dept

Experience - 32YEARS
Research Interests- Concrete technology , FEM

Journals
Seismic Behaviour of Building With and Without Set Backs, “International journal of Innovative Research in Science,Engineering and Technology”(IJIRSET) VOL 7, ISSUE 1,Jan-18 pg59-67 ,ISSN:2319-8753

CONFERENCES

- Dr GVV Satyanarayana “Studies On Punching Shear Resistance Of Two Way Slab Specimens With Partial Replacement Of Cement By Fly Ash With Different Edge Conditions”,International Conference on Earth Sciences and Engineering(ICEE),e-ISSN-2460-6952,29th -31 August, 2017
- Dr GVV Satyanarayana “Behaviour Studies on Compressive Strength of Cement Concrete by Partial Replacement of Sand with Stone Dust”, International Conference on Global Civil
Dr. V Srinivasa Reddy,
Professor of Civil Engineering

Qualifications:
1. PhD in Civil Engineering from J.N.T.U Hyderabad. (Jun 2015)

Experience: 19 years

Research Interest: Concrete technology, Special concretes, Rehabilitation and Retrofitting of structures, Civil Engineering Software applications.

Journal Publications/Conference Proceedings:

LIST OF PAPER PUBLICATIONS

JOURNALS:


- Dr. V Srinivasa Reddy, Performance of Microbial Concrete Developed Using Bacillus Subtilus JC3, Journal of The Institution of Engineers (India): Series A, Springer India, 1–10, Print ISSN 2250-2149, Online ISSN 2250-2157.

- Dr. V Srinivasa Reddy, “Effect of Magnetic Field Treated Water on Fresh and Hardened Properties of Concrete”, Journal of Civil Engineering and Environmental Technology (JCEET), Volume 4, Issue 2, 134-138, p-ISSN:2349-8404, e-ISSN:2349-879X


Dr. V Srinivasa Reddy, “Studies on Rheology, Strength and Cementing Efficiency of High Strength Grade Quaternary Blended Self-Compacting Concrete Incorporating High Reactivity Metakaolin” CVR Journal of Science and Technology, Volume 11, pp.01-06. December 2016-16, ISSN 2277-3916,


CONFERENCES


Dr. C. Lavanya, Associate Professor
**Qualifications:**

- **Ph.D** (Civil Engineering from JNTUH, Hyderabad (2015))
- **M.Tech** (Soil Mechanics from JNTU, Kakinada (2005))
- **B.Tech** (Civil Engineering from JNTU, Hyderabad (2001))

**Experience:**

- Teaching Experience – 09 yrs
- Industry Experience- 02 yrs

**Research interest:** Expansive soils, Ground improvement techniques.

**Journal publications (year wise descending order)**

**International publications:**


**Conference**


**Mr T Shrinivas**

*Associate Professor of Civil Engineering*

**Qualifications:**

- PhD in Civil Engineering from J.N.T.U Hyderabad(Submitted)
- Master of Technology (M.Tech) in Structural Engineering from Jawaharlal Nehru Technological University (J.N.T.U), Hyderabad
- BTech CBIT Hyderabad affiliated to OU

**LIST OF PUBLICATIONS**

**Conferences**


B ShanmugeshwaraBabu

Associate Professor of Civil Engineering
GRIET Hyderabad

Qualifications:
Master of Technology (M.Tech) in Remote Sensing from Jawaharlal Nehru Technological University (J.N.T.U), Hyderabad

Research Interests
Image Processing and Remote Sensing

LIST OF PUBLICATIONS

Conferences


Mr T Srikanth
Associate Professor of Civil Engineering
GRIET Hyderabad

Experience: 15 years

Qualification
MTech Transportation Engineering, NIT Trichy

LIST OF PUBLICATIONS

Conferences


S. Venkatcharyulu, Assistant Professor

Qualifications: Ph.D pursuing
(Registered 2015 in Civil Engineering from J.N.T.U Hyderabad)
M.Tech. in HWRE, JNTU- Hyderabad, 2013

Experience: 22 years
Research interest: Decision support systems for effective water resources management
Conference Proceedings 03

Conference Proceedings

SP Raju,
Assistant Professor, Civil Department

Qualification: MTech Structural Engineering
B Tech Civil CBIT Hyderabad

Research Interests: Surveying, Structural Engineering

List of Publications

Conference

K Shilpa
Assistant Professor
Civil Department

Qualification: MTech JNTUH

List of Publications

Conference
P. SanthiRaj, Assistant Professor

Qualifications:
M.Tech., (Structural Engineering) (JNTU-Hyderabad),
B.Tech., (Civil Engineering) (NIT, Warangal),

Experience: 16 years
Research interest: Concrete Technology.

Journal publications:

National Conferences:
Jhanavi Yerlagadda  
Assistant Professor  

Qualification  
Ph D pursuing (IIT Hyderabad)  
M Tech Transportation Engg IIT Kharagpur  

List of Publications  
Conference  


Govardhan Mamilla  
Assistant Professor  
Civil Department  

Qualification  
MTech – NIT Allahabad, Structural Engineering  

List of Publications  
Conference  

Research Profile:

Mrs K Hemalatha

Qualifications: M.Tech (Structural Engineering) (JNTU- Hyderabad, 2015)
Experience: 4 years
Research interest: Concrete Technology.

Conference Proceedings: 01

National Conferences:
1. Two day National Conference on “Recent Innovations in Civil Engineering at GokarajuRangaraju Institute of Engineering and Technology of 8th & 9th December 2017” on “Behaviour on strength characteristics of concrete using basalt fibres “.

Conferences Attended:
1. Two day National Conference on “Recent Innovations in Civil Engineering at GokarajuRangaraju Institute of Engineering and Technology of 8th & 9th December 2017

Workshops or FDP’s attended:
1. 10 weeks faculty development programme on “ICT technologies and online teaching and learning methodologies” conducted by IIT BOMBAY from 10th August 2017 to 14th Nov 2017.
2. Two Day Workshop on “Modern Developments in Concrete and Building Technology” Department of Civil Engineering GRIET, Hyderabad on 2nd & 3rd February 2018

Projects Guided for B.Tech:
1. Guided two mini projects
   i) Effect of sea water on compressive strength of concrete using sugarcane bagasse ash.
   ii) Effect of compressive strength of M45 grade concrete partially replacing fine aggregate with quarry dust.
2. Guided two main projects
   i) Behaviour on strength characteristics of concrete using basalt fibres.
   ii) Planning, Design and estimating of G+3 Hostel building at GRIET Campus.
Mrs. P. SIRISHA,
Assistant Professor.

Qualification:  
MTech : Structural Engineering  
BTech Nagarjuna University, Guntur, Andhra Pradesh.

Research Interests : Concrete Technology

List of Publications

Conference

- P Sireesha “Study On Properties Of Construction Materials”  "National Conference on Recent Innovations in Civil Engineering (RICE 2017), GRIET, Hyderabad

M Rakesh

Qualifications: M.Tech (Structural Engineering) (JNTU-Hyderabad, )  
Experience: 4 years  
Research interest: Concrete Technology.

List of Publications

Conference

- Rakesh “Push over analysis of plan irregular reinforced concrete buildings with and without a lead rubber base isolator”, Journal of Structural Engineering Vol 4, No 3 pg 26-33
K.Hanuma Rishi
Assistant Professor
Experience : 3 years

List of Publications

Conference


Mr. M.S. Britto Jeyakumar, Asst. Professor

Qualifications: M.E., Structural Engineering
(Sathyabama University, 2007),
Experience: 8.5 years
Area of Interest: Concrete Technology.
Conference Proceedings: 03 / 03

Conference Proceedings (year wise descending order)

International Conferences:

A Shrinivasa Reddy
Assistant Professor Civil Department

Qualification: MTech Geotechnical Engineering

Research Interests: Ground Improvement Techniques

List of Publications

Conference


Karthik CH
Assistant Professor

Qualification: MTech Structural Engineering VIT, Vellore

Research Interest: Structural Engineering, Concrete Technology

LIST OF PUBLICATION

Conference

Vivek Kumar

**Assistant Professor in Civil Department**

**Qualification:** MTech Structural Engineering

**Experience:** 7 Years

**Research Interests:** Concrete Technology

**List of Publications: Conference**


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Mr Y. Kamala Raju

**Assistant Professor of Civil Engineering**

**Qualifications:**

Master of Technology (M.Tech) in Structural Engineering from Jawaharlal Nehru Technological University (J.N.T.U.K), (2011)

**Experience:** 7.5 years

**Research Interest:** Concrete technology, modeling of structures using Software applications.

**Journal Publications/Conference Proceedings:**

**International Journal**


Vaishnavi Devi

Assistant Professor in Civil Department

Qualification : MTech Geotechnical Engineering

Experience : 2.5 Years

Research Interests : Geotechnical Engineering, Stabilisation

List of Publications: Conference

Mr. V Naresh Kumar Varma
Assistant Professor
Civil Department
GRIET Hyderabad

Experience : 4 years

working as a Assistant Professor in the department of Civil Engineering at GokarajuRangaraju Institute of Engineering & Technology. He has completed M.Tech from JNTU Hyderabad in the area of Structural Engineering.

Research Interests
Concrete Technology, Steel Structures

CONFERENCES


Akula Prakash
Assistant Professor in Civil Dept

Qualification : MTech Construction Project Management –OU Hyderabad

Experience : 1 year 6 months

Research Interests : Construction Management, Project Planning and Scheduling, Quality and Safety of individuals

Journals


Conferences


c. Akula Prakash “Fuzzy Model Development In Green Building Material Selection, National Conference on Recent Innovations in Civil Engineering (RICE 2017), GRIET, Hyderabad

ISBN: 978-93-5279-269-6, 15th -16th December, 2017


Rathod Ravinder
Assistant Professor in Civil Department

Qualification : MTech – Water Resources Engineering - JNTUH

Experience : 1 year 3 months

Journal


Conferences


Amith K S

Assistant Professor

Civil Department

Experience: 1.5 years

Qualification : MTech NIT Warangal (Geotechnical Engineering)
B Tech NIE Mysore

Research Interests : Ground Improvement Techniques

Project guidance for Under Graduate Students

Major Project

- Design of Earthquake resistant building with and without shear wall using Staad Pro V8i

Mini Project

- A Feasibility study on beneficial use of crumb rubber for the improvement of CBR value
- Experimental studies on High grade Concrete with partial replacement of cement with flyash and fine aggregate with quarry-dust

LIST OF PUBLICATIONS


Workshop attended

- National workshop on “Popularization of Geospatial Technologies for benefit of academia, 22/04/2017, GRIET Hyderabad

FDP attended

- Faculty orientation programme ,GRIET Hyderabad ,27/02/2017 to 6/3/2017
- AICTE Approved Faculty Development programme ,conducted by IIT Bombay

NPTEL COURSE CERTIFICATION (ongoing)

Soil Mechanics