



## Anil Neerukonda Institute of Technology and Sciences

(Affiliated to AU, Approved by AICTE & Accredited by NAAC)

Sangivalasa-531162, Bheemunipatnam Mandal, Visakhapatnam District

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# Civil Engineering News

Newsletter published by

Department of Civil Engineering

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**Anil Neerukonda Institute of Technology and Sciences (Autonomous)**  
Sangivalasa, Bheemunipatnam Mandal, Visakhapatnam District-531162  
Approved by AICTE, Permanently Affiliated to Andhra University  
Accredited by NBA & NAAC with "A" Grade  
**DEPARTMENT OF CIVIL ENGINEERING**  
ASCE ANITS Civil Engineering Students Chapter

**IT'S TIME #ForNature**  
World Environment Day-2020

**Webinar**  
On June 6, 2020  
10 AM to 12 Noon  
"Time for Nature-Biodiversity & Governance"

**Prof. S. Ramakrishna Rao**  
Former Vice-Chancellor, JNTUK, Kakinada & Krishna University, Machilipatnam

**Dr. Hemant J. Purohit**  
Head, Env. Biotechnology & Genomics Division  
National Environmental Engineering Research Institute (NEERI), CSIR, Nagpur

Register for free at  
<https://forms.gle/QZSCsdGAHANRqt6u9>  
e-Certificates will be issued to participants

**Dr. B.N.D. Narasinga Rao**  
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A National Webinar on "Time for Nature-Biodiversity & Governance" by Prof. S. Ramakrishna Rao, Former Vice-Chancellor, JNTUK, Kakinada & Krishna University, Machilipatnam has been organized by the Department of Civil Engineering on June 6, 2020. The Webinar included additional Lecture on "Post-COVID Environmental Perspective" by Dr. Hemant J. Purohit, Head, Env. Biotechnology & Genomics Division, National Environmental Engineering Research Institute (NEERI), CSIR, Nagpur. A total of 198 participants from all the States across India have participated in the Webinar.

### Courses Offered

- B.Tech. (Civil Engineering) - 4 Years duration
- M.Tech. (Civil Engineering) with Soil Mechanics specialization - 2 Years duration






Anil Neerukonda Institute of Technology and Sciences  
**Civil Engineering News**  
Newsletter published by Department of Civil Engineering



Vol.7

No.1

July 2021

Patrons	From the Chief Editor's Desk
 <i>Dr.N.B.R.Prasad</i> <i>Chairman</i>	<p>I am delighted at the release of the 7<sup>th</sup> Annual Issue of Civil Engineering News, Newsletter published by Department of Civil Engineering, ANITS in 2021.</p> <p>As a matter of practice, this Annual issue is published to update all the stakeholders of the B.Tech. (Civil Engineering) and M.Tech. (Soil Mechanics).</p> <p>This issue contains Department news such as Department Profile, Professional Society Activities, Faculty Publications, Workshops/ Seminars / Symposia organized, R&amp;D and Consultancy Projects in the Department, Faculty Achievements, Seminars/ Workshops/ Conferences attended by Faculty and Student Achievements for the year 2020-21</p>
 <i>Dr.T.V.Hanumantha Rao</i> <i>Principal</i>	<p>I congratulate the Editorial Board on this occasion.</p> <p>We are grateful to the Management and Principal for their continuous encouragement, and support extended for publication of this “Civil Engineering News”</p>
	<p>~ Dr.B.N.D.Narasinga Rao</p>
<i>Dr.B.N.D.Narasinga Rao</i> <i>Professor &amp; Head</i>	

## **CONTENTS**

<b>Article</b>	<b>Page</b>
1) From the Editor's Desk	2
2) Courses Offered	2
3) Department Vision, Mission, PEOs, POs, PSOs and Profile	4
4) Professional Society Activities	7
5) Faculty Publications (2020-21)	7
6) Guest lectures organized in the Department (2020-21)	8
7) Placement Training Activity Conducted by the Department (2020-21)	9
8) R&D and Consultancy Projects in the Department	10
9) Consultancy Projects being Carried out in the Department (2020-21)	10
10) Seminars/ Workshops/ Conferences Attended by Faculty (2020-21)	11
11) Faculty Achievements (2020-21)	14
12) GATE 2021 Achievers	14
13) Placement (2020-21)	14
14) Gold Medal Winner & Academic Toppers (2019-20)	15
15) Student Achievements (2020-21)	16
16) Board of Studies & Editorial Board (2020-21)	16

## VISION, MISSION, PEOs, POs, PSOs

### ANITS

Anil Neerukonda Institute of Technology & Sciences (ANITS) was founded by Anil Neerukonda Educational Society (ANES), in the fond memory of Anil Neerukonda, son of its chairman Dr. B.R.Prasad Neerukonda. The Institute's humble journey started in 2001 with four B.Tech. Programs. Within 14 years of its establishment, the Institute registered phenomenal growth and is accredited by NAAC with A grade and by NBA twice. It is permanently affiliated to Andhra University and achieved Autonomous status by UGC in 2015.

### Vision

*ANITS envisions to emerge as a world-class technical institution whose products represent a good blend of technological excellence and the best of human values.*

### Mission

*To train young men and women into competent and confident engineers with excellent communicational skills, to face the challenges of future technology changes, by imparting holistic technical education using the best of infrastructure, outstanding technical and teaching expertise and an exemplary work culture, besides moulding them into good citizens.*

### Department of Civil Engineering

The Department of Civil Engineering, established in 2011, offers the following programs

- B.Tech. Civil Engineering
- M.Tech. Soil Mechanics

Both programs are approved by AICTE and affiliated to Andhra University.

### Vision

*Our Vision is to be among the pre-eminent Civil Engineering Departments worldwide for building future Civil Engineers characterized by technological excellence and the best of human values.*

### Mission

- I. *Impart quality technical education with focus on strong basics in civil engineering knowledge and industry relevant skills through innovative teaching-learning practices, state of the art infrastructure and ambient work culture.*
- II. *Expose the students to contemporary and competitive technology in industry to enable them to solve complex civil engineering problems of the society and environment locally and globally.*
- III. *Inculcate self-learning, research and scholarship among our faculty and students to develop innovative solutions to societal problems and advance civil engineering knowledge and practice.*
- IV. *Promote soft skills and team spirit, among the students to emerge as leaders of their profession and society.*
- V. *Nurture holistic development of students by inculcating ethical and human values and spirit of service to the society for self-actualization.*

### Program Educational Objectives (PEOs)

*The Program is expected to enable the students, within 3 to 5 years of their graduation, to:*

- 1) *Demonstrate competence in applying contemporary engineering knowledge using industry relevant equipment and IT tools to solve complex civil engineering problems locally and globally.*
- 2) *Pursue successful careers in various domains of Civil Engineering industry, academy and entrepreneurship.*
- 3) *Update their knowledge and skills in the fast-changing technology and societal needs through life-long learning and contribute to the advancement of civil Engineering knowledge and practice.*
- 4) *Demonstrate commitment and service to their profession with high ethical standards by taking a lead role to address and resolve the societal problems and strive for sustainable development.*
- 5) *Communicate effectively and participate in professional society activities to share the technical developments of their professional practice, emerging as the leaders of their profession and society.*

### Program Outcomes (POs)

1. **Engineering knowledge:** *Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.*
2. **Problem analysis:** *Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.*
3. **Design/development of solutions:** *Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.*
4. **Conduct investigations of complex problems:** *Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.*
5. **Modern tool usage:** *Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.*
6. **The engineer and society:** *Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.*
7. **Environment and sustainability:** *Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.*
8. **Ethics:** *Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.*
9. **Individual and team work :** *Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.*
10. **Communication:** *Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.*



11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

#### Program Specific Outcomes (PSOs)

1. Plan and develop safe, economical and sustainable buildings and other structures based on applicable professional standards, codes and ethics.
2. Analyze and solve stability problems in soils for design of foundations and plan and design highway, railway and other transportation systems based on applicable safety standards and codes
3. Plan and develop irrigation and water supply systems and analyze and solve problems due to pollution of air, water and land leading to a nourished, richer and healthy society.

#### Department Profile

##### Infrastructure

All laboratories in the department are well established with latest and modern equipment. The Department has Computer Centre, A/c Seminar hall, Department library etc. The Department also has ArcGIS, STAAD Pro and 25 other civil engineering licensed software.

##### Faculty

The Department is headed by Dr.B.N.D. Narasinga Rao, having 28 years of Teaching, Research and Consultancy experience. The Department is supported by qualified and experienced faculty,as well as skilled technicians and non-teaching staff. The Department has well equipped laboratories and spacious classrooms.

He is also the Principal Investigator for UGC Minor Research Project on Fly ash utilization. Dr. B.N.D. Narasinga Rao, Professor & Head, Civil authored Text Book on Soil Mechanics and Foundation Engineering, Wiley International Publishers. This book is prescribed by 10 universities and Autonomous colleges across AP, Tamilnadu, Odisha, Rajasthan and UP. Also the book was cited as the Best Book in Soil Mechanics for GATE2017, by the Websites 'Entrances of India' and 'Indiatown.in'.



Marshall Apparatus



Total Stations-3 Nos

## Department Profile

### Centre for Industrial Consultancy and Sponsored Research (ICSR)

The Centre for Industrial Consultancy and Sponsored Research (ICSR) was established at ANITS to be an effective Interface with the Industry in fostering technology development, technical consultancy, collaborative R&D for mutual benefits. The key agenda of the IC&SR is to showcase and transfer the Institute's intellectual ware to industry and also inject industrial relevance in teaching and research at ANITS. The uniqueness lies in the wealth of e expertise and modern facilities of the Department, manned by qualified teaching faculty with wide-ranging areas of specialization.

The Head of the Department Dr. Narasinga Rao is actively involved in consultancy in Geotechnical engineering since 1993. He was the Principal Investigator for Geotechnical Investigations worth more than Rs.10 lacs conducted during 2017-18 for the 15 MW GVM C-Jindal Collaborative Waste-to-Energy Power plant at Kapuluppada

### Consultancy Services

#### Geotechnical Engineering

- Geotechnical Investigations and Reports
- In-situ and laboratory testing of soil and rock
- Soil & Rock Sample collection & Lab Testing
- Recommendation of suitable foundation and Solutions to Foundation problems

#### Structural Engineering

- Design of Structures
- Tests on cement, concrete, steel
- Concrete Mix design
- Tests on aggregates, bricks, stones
- Tests on other building materials

#### Transportation Engineering

- Highway materials testing
- Pavement design and maintenance
- Traffic and Transportation Planning

#### Environmental Engineering


- Water Quality analysis
- Sewage analysis

#### Surveying

- Surveying with total station;
- preparation of maps/ plans in AutoCAD


## Professional Society Activities

The Department hosts Institution of Engineers (India) ANITS Civil Engineering Students Chapter and ASCE ANITS Chapter and a number of events are organized by these chapters such as Workshops, Guest Lectures, Engineers Day, KLRao memorial Lecture, Civil Engineering Model contest, Industrial visit as well as Vinirmithi the National level students technical symposium.



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**DEPARTMENT OF CIVIL ENGINEERING**  
 ASCE ANITS Civil Engineering Students Chapter



**IT'S TIME  
#ForNature**  
World  
Environment  
Day-2020

**Webinar**  
**June 6, 2020**  
**10 AM to 12 Noon**

On  
**"Time for Nature-Biodiversity & Governance"**



**Prof. S.Ramakrishna Rao**  
 Former Vice-Chancellor, JNTUK, Kakinada  
 & Krishna University, Machilipatnam

On  
**"Post-COVID Environmental Perspective"**



**Dr. Hemant J. Purohit**  
 Head, Env. Biotechnology & Genomics Division  
 National Environmental Engineering Research Institute  
 (NEERI), CSIR, Nagpur

Register for free at  
<https://forms.gle/QZSCsdGAHAnRqt6u9>  
 e-Certificates will be issued to participants

**Dr. B.N.D.Narasinga Rao**  
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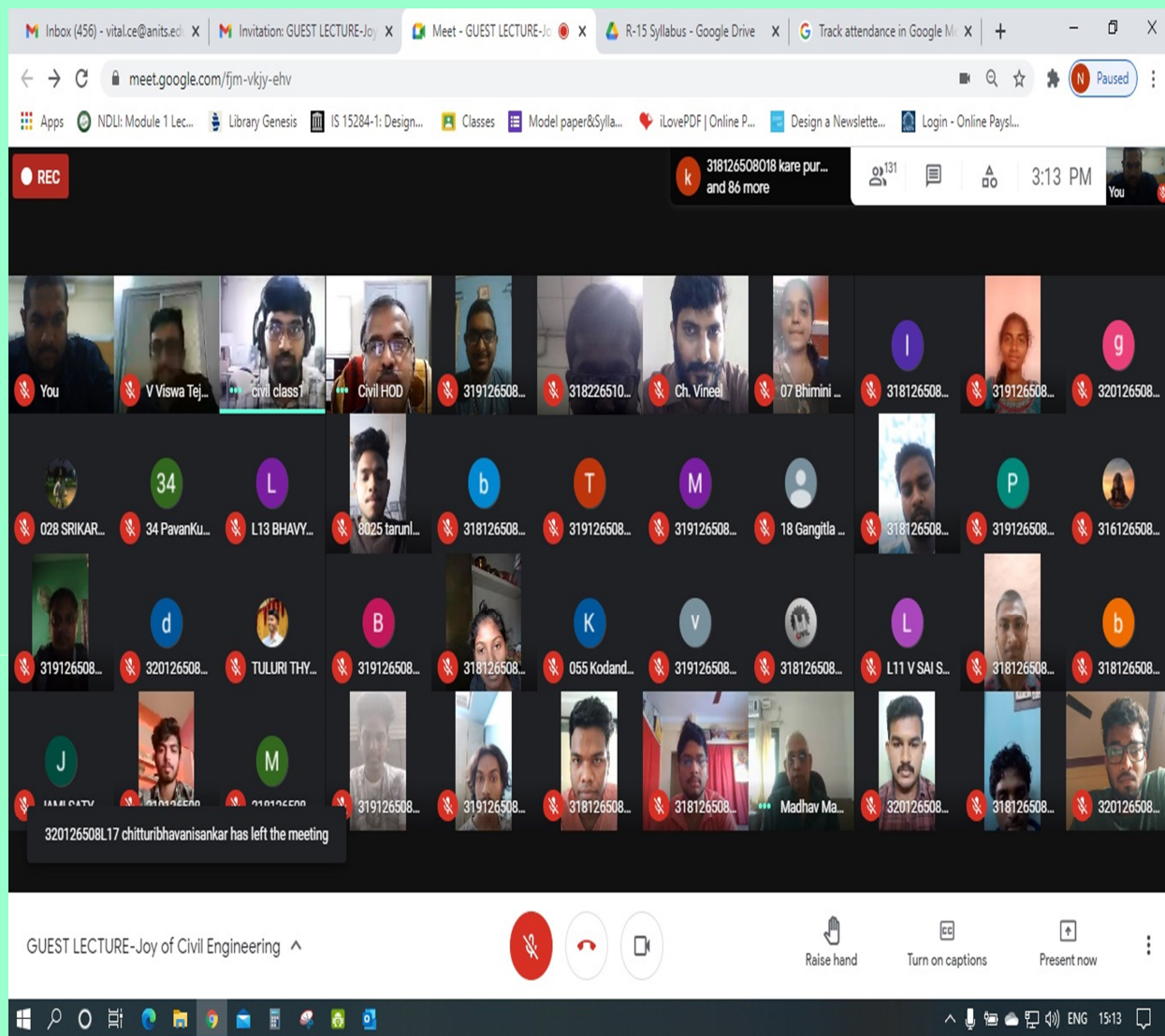
Guest Lecture on Time for Nature-Biodiversity & Governance.

## Faculty Publications (2020-21)

- Narasinga Rao. B.N.D, Vinay Kumar P(2020) "Geotechnical Characteristics of Thermal Powertech Fly Ash from Krishnapatnam, Nellore" in " in Proceedings of Indian Geotechnical Conference 2020, December, 2020, theme 4, pg:75-82.
- Chaitanya M.K.S.S.K, Srinivasa Rao K(2020), "Effect of Fibers on M30 Grade Concrete Exposed to Temperature up to 700°C" in Solid State Technology, November 2020, Volume-63, Issue-2S, ISSN:0038-111X.
- Chaitanya M.K.S.S.K, Srinivasa Rao K(2020), "Non-Destructive Compressive Behaviour of Sustainable Fiber Reinforced Concrete Exposed to Temperature up to 700°C" in Journal of Green Engineering, November 2020, Volume-10, Issue-11, ISSN:2245-4586. Pg: 11798-11808
- Viswa Teja T.V, Vineel Ch(2020), " A comparative study on performance of synthetic and natural fibers on compressive and flexural strength of concrete" in Advanced Engineering form, June,2020, volume-36, ISSN: 2234-991X, pg: 97-113.
- Viswa Teja T.V, Vineel Ch (2020), "Cost Economics of geocell Reinforced Flexible Pavements on Intermediate Compressible Clayey Subgrades" in Proceedings of Indian Geotechnical Conference 2020, December, 2020, pg:151-159.

### Guest lectures/ Workshops organized by the department (2020-21)

1. A guest lecture (Webinar) on “Time for Nature-Biodiversity & Governance” by Prof.S.Ramakrishna Rao, Former Vice-Chancellor, JNTUK,Kakinada & Krishna University, Machilipatnam have been organized by the Department of Civil Engineering on June, 2020. A total of 198 participants have been participated in the Webinar.
2. A guest lecture (Webinar) on “Post-COVID Environmental Perspective” by Dr.Hemant J Purohit, Head, Env. Biotechnology & Genomics Division, National Environmental Engineering Research Institute (NEERI), CSIR, Nagpur have been organized by the Department of Civil Engineering on June, 2020. A total of 198 participants have been participated in the Webinar.
3. A guest lecture (Webinar) on “Alkali-activated Fly/Ash/Slag Concrete: Mechanical and Microstructure Characteristics ” by Dr.B.Hanumantha Rao, Asst Prof. IIT Bhubaneswar have been organized by the Department of Civil Engineering on June, 2020. A total of 158 participants have been participated in the Webinar.





### Online Interviews by Infosys Alumni (2020-21)

Infosys Mock Interview training has been Organized by the Department to IV/IV Civil Students by Resource Persons Ch.Divya Sirisha, Senior Systems Engineer, Infosys and Mrs. V.Bhuvana, Senior Systems Engineer, Infosys on 20<sup>th</sup> September 2020.

## **Infosys Online Mock Interviews**

**Organized by**

**Department of Civil Engineering**

**ANITS(A)**

**Participants:**

**IV/IV B.Tech Civil Engineering Students**



**Ch.Divya Sirisha**  
**Senior Systems Engineer**  
**Infosys**  
**ANITS Civil Alumni-2017**

**On**  
**20-09-2020(Sunday)**  
**10:30AM - 12:00 Noon**



**V.Bhuvana,**  
**Senior Systems Engineer**  
**Infosys**  
**ANITS Civil Alumni-2017**

**Ch.Vineel**  
**Placement Coordinator-Civil**

**Department of Civil Engineering,ANITS(A)**

**Dr. B.N.D.Narasinga Rao**  
**Professor & Head**

### **R&D and Consultancy Projects in the Department**

1. UGC Minor Research Project on “Wealth from Waste: Fly ash characterization for its bulk utilization in Geotechnical Engineering Applications” with Dr.B.N.D.Narasinga Rao as the Principal Investigator; Amount Sanctioned: Rs.3.1 lacs
2. Successfully completed the Consultancy project, “Geotechnical investigations for Waste to Energy Power plant at Kapuluppada Municipal dump site” worth Rs.9.01 lacs including laboratory testing worth Rs.1.17 lacs at ANITS and drilling of 15 bore holes and in-situ testing by Simhadri bore wells for M/s Jindal Urban Waste Management (Visakhapatnam) Ltd. during October-December 2017
3. Successfully completed the Consultancy project, “Geotechnical investigations for Waste to Energy Power plant at Kapuluppada Municipal dump site” with Dr.B.N.D.Narasinga Rao as the Principal Investigator, worth Rs.1.64 lacs including laboratory testing worth Rs.10,500 at ANITS and drilling of 5 bore holes and in-situ testing by Simhadri bore wells for M/s Jindal Urban Waste Management (Visakhapatnam) Ltd. during August-October 2016.
4. The Department undertakes consultancy services in the following areas
  - a) *Material Testing: Soil, aggregate, cement, concrete, steel, brick, bitumen, water etc.*
  - b) *Soil investigations and foundation selection, including Safe Bearing capacity, depth and type of foundation and its design*
  - c) *Planning and Design of all Structures*
  - d) *Surveying for all purposes using Total Station*
  - e) *Transportation and Traffic surveys etc*

### **Consultancy Projects being carried out in the Department (2020-21)**

1. The Department has received Consultancy project, “Electrical Resistivity Testing at proposed Planetarium Site, Kailasagiri, Visakhapatnam ” worth Rs.0.13 lacs for Chief Engineer i/c, VMRDA, Visakhapatnam during November 2020

**Seminars/ Workshops/ Conferences Attended by Faculty (2020-21)**

1. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a one Day national level Webinar on “Issues Related to Seismic Design of Foundations” organized by Department of Civil Engineering, Andhra University College of Engineering, Visakhapatnam on July 11, 2020.
2. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a Two Week national level FDP on “Internet of Things: A Future Outlook in Civil Engineering” organized by Department of Civil Engineering, NSS College of Engineering Palakkad, Kerala from 02nd to 14th November, 2020.
3. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a one Day national level Webinar on “New Education Policy: Choices, Opportunities, Challenges & Ways to Move Forward” organized by IBM Innovation Centre for Education (ICE) on 18th November, 2020.
4. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a one Day national level Workshop on “Scour and Erosion” organized by International Society for Soil Mechanics and Geotechnical Engineering & Indian Geotechnical society, Visakhapatnam Chapter on 16th December, 2020.
5. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a One Week national level training Program on “online Orientation Training Program (OTP) for Mentors” organized by AICTE and NITTTR, Kolkata, Bhopal, Chennai and Chandigarh from 03rd to 09th February, 2021.
6. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a one Day national level Webinar on “ The Future of Education, Employment & Entrepreneurship” organized by ICT Academy on 4th May, 2020.
7. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a one Day national level Webinar on “ UML Global Entrepreneurship” organized by University of Massachusetts Lowell on 13th May , 2020.
8. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a one Day national level Webinar on “ Challenges in the Geotechnical Investigations of Hydroelectric Projects” organized by IIT Gandhinagar on 26th May, 2020.
9. Dr. B.N.D.Narasinga Rao, Professor, Civil has attended a one Day national level Webinar on “Turn the Challenges to Opportunities: COVID-19 Pandemics and measures to combat in Higher Education of India” organized by 28th May 2020.
10. Dr.J.Vikranth, Associate Professor, Civil has attended a Three Day national level FDP on “Recent Trends And Innovation In Civil Engineering” organized by Dr.L.B.College of Engineering from 27th to 31st July, 2020.
11. Mr.M.K.S.S.K.Chaitanya, Assistant Professor, Civil has attended a Three Day national level Workshop on “Disaster Risk Reduction in Resilient Infrastructure” organized by National Institute of Disaster Management, New Delhi from 30<sup>th</sup> to 02<sup>nd</sup> September, 2020.
12. Mr.M.K.S.S.K.Chaitanya, Assistant Professor, Civil has attended a One Day national level Webinar on “Fiber Reinforced Polymers for Retrofitting of structures” organized by UltraTech Cement Ltd. on 30<sup>th</sup> October, 2020.
13. Mr.M.K.S.S.K.Chaitanya, Assistant Professor, Civil has attended a One Day national level Webinar on “Civil engineering and construction challenges in present scenario” organized by Andhra University, Visakhapatnam on 15th September, 2020.
14. Mr.M.K.S.S.K.Chaitanya, Assistant Professor, Civil has attended a Three Day national level FDP on “Recent Trends And Innovation In Civil Engineering” organized by Dr.L.B.College of Engineering from 27<sup>th</sup> to 31<sup>st</sup> July, 2020.
15. Mr.M.K.S.S.K.Chaitanya, Assistant Professor, Civil has attended a Six Day national level FDP on “Revit Architecture 2021” organized by DNR College of Engineering, Bhimavaram from 05<sup>th</sup> to 10<sup>st</sup> October, 2020
16. Mr.M.K.S.S.K.Chaitanya, Assistant Professor, Civil has attended a Five Day national level FDP on “Recent Advances in Special Concretes” organized by Gudlavalleru Engineering College, Gidlavalleru from 26<sup>th</sup> to 30<sup>st</sup> October, 2020.
17. Mr.M.K.S.S.K.Chaitanya, Assistant Professor, Civil has attended a One Day national level Webinar on “Art of writing Research paper” organized by BVICAM, New delhi on 25th September, 2020.
18. Mr.M.K.S.S.K.Chaitanya, Assistant Professor, Civil has attended a Two Day national level Conference on “Industry institute conclave 2020,National and insutry collabaration cell, NIT Raipur” organized by NIT Raipur from 31<sup>st</sup> to 01<sup>st</sup> November, 2020.

### Seminars/ Workshops/ Conferences Attended by Faculty (2020-21)

19. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a two week national level FDP on "Entrepreneurship" organized by APSSDC, from 01<sup>st</sup> to 13<sup>th</sup> February 2021.
20. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a two week national level FDP on "Shallow and Deep Foundations" organized by Dept. of Civil Engineering, A U College of Engineering, Visakhapatnam, from 25<sup>th</sup> to 06<sup>th</sup> February 2021.
21. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a three day International level conference by name "Indian Geotechnical Conference" organized by IGS Visakhapatnam Chapter and Dept. of Civil Engineering, A U College of Engineering, Visakhapatnam from 17<sup>th</sup> to 19<sup>th</sup> December 2020.
22. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a one day International level workshop on "Scour and Erosion" organized by ISSMGE in association with IGS and Dept. of Civil Engineering, A U College of Engineering, Visakhapatnam, on 16<sup>th</sup> December 2020.
23. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a one day national level webinar on "Awareness Webinar on Outcome Based Education and Accreditation (OBE&A)" organized by National Board of Accreditation, New Delhi in association with JNTU, Hyderabad, on 25<sup>th</sup> November 2020.
24. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a Three day national level training program on "Disaster Risk Reduction in Resilient Infrastructure" organized by NIDM, New Delhi and Dept. of Civil Engineering, A U College of Engineering, Visakhapatnam from 30<sup>th</sup> to 02<sup>nd</sup> October 2020.
25. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a one day national level webinar on "Civil Engineering and Construction Challenges in Present Scenario)" organized by NIDM, New Delhi and Dept. of Civil Engineering, A U College of Engineering, Visakhapatnam, on 15<sup>th</sup> September 2020
26. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a Two week national level FDP on "Architectural Modelling using Revit" organized by APSSDC from 13<sup>th</sup> to 25<sup>th</sup> July 2020.
27. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a One week International level FDP on "Engineering with Geosynthetics" organized by Dept. of Civil Engineering, KL University, Vaddeswaram, A.P. from 13<sup>th</sup> to 18<sup>th</sup> July 2020.
28. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a one day national level webinar on "Issue Related to Seismic Design of Foundations" organized by Dept. of Civil Engineering, A U College of Engineering, Visakhapatnam., on 11<sup>th</sup> July 2020.
29. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a one day national level webinar on "Intellectual Property Rights (IPR) Scope and Process of Filing" organized by Dept. of Chemical Engineering, B V Raju Institute of Technology, Medak., on 02<sup>nd</sup> July 2020.
30. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a Two week national level FDP on "Video Tutorial Education and Online Assessment" organized by Dept. of Mechanical Engineering, ANITS(A), Visakhapatnam from 25<sup>th</sup> to 05<sup>th</sup> July 2020.
31. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a One week National level FDP on "Digital Teaching Techniques" organized by ICT Academy, India from 29<sup>th</sup> to 04<sup>th</sup> July 2020.
32. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a Five day National level FDP on "Affordable Housing" organized by Dept. of Civil Engineering, NITTTR, Chandigarh from 22<sup>nd</sup> to 26<sup>th</sup> June 2020.
33. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a One week National level STTP on "Research Avenues, Field Practices and Case Studies in Geotechnical Engineering" organized by Dept. of Civil Engineering (Geotechnical Engg.), Govt. College of Technology, Coimbatore from 16<sup>th</sup> to 22<sup>nd</sup> June 2020.
34. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a one day national level SIG Workshop on "Foundation Design with Structural Enterprise" organized by Bentley on 18<sup>th</sup> June 2020.
35. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a one day national level webinar on "Design of Flexible Pavement using IRC" organized by Department of Civil Engineering, MSAL College of Engineering, Chennai on 14<sup>th</sup> June 2020.
36. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a one day national level webinar on "Green Building Concept – A Snap Shot" organized by Department of Civil Engineering, KITS, Karimnagar on 13<sup>th</sup> June 2020.
37. Mr. T V Viswa Teja, Assistant Professor, Civil, has attended a Two day National level FDP on "MATLAB and Simulink in Engineering Education" organized by APSSDC in association with MathWorks. from 10<sup>th</sup> to 11<sup>th</sup> July 2020.
38. Mr. K.Suryanarayana, Assistant professor, Civil, has attended a one day national level webinar on "Detailing of Concrete Structures to IS 13920" organized by Bentley Institute on 24<sup>th</sup> December 2020.
39. Mr. K.Suryanarayana, Assistant professor, Civil, has attended a one day national level webinar on "Design of Foundations" organized by Bentley Institute on 20<sup>th</sup> December 2020.



### Seminars/ Workshops/ Conferences Attended by Faculty (2020-21)

40. Mr. K.Suryanarayana, Assistant professor, Civil, has attended a one day national level webinar on “Advance Slabs and Analysis Design” organized by Bentley Institute on 26th November 2020.
41. Mr. K.Suryanarayana, Assistant professor, Civil, has attended a one day national level webinar on “Design of Columns and Shear Walls” organized by Bentley Institute on 24th September 2020.
42. Mr. K.Suryanarayana, Assistant professor, Civil, has attended a one day national level webinar on “Modelling and Advanced Analysis for Tall Buildings” organized by Bentley Institute on 24th September 2020.
43. Mr. K.Suryanarayana, Assistant professor, Civil, has attended a one day national level webinar on “Modelling of Concrete Building Structures” organized by Bentley Institute on 23rd July 2020.
44. Mr. K.Suryanarayana, Assistant professor, Civil, has attended a one day national level webinar on “Entering Concrete Beam Design Settings and Loads CONNECT Edition” organized by Bentley Institute on 24th December 2020.
45. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a One Week national level Workshop on “FDP on Experimental and modeling aspects in Environmental Engineering” organized by School of Environmental and construction technology Kalasalingam from 08th to 13th June, 2020.
46. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a Two Week national level Workshop on “Structural analysis using Etabs” organized by APSSDC from 13th to 26th July, 2020.
47. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a Three Day national level workshop on “Recent trends in Environmental Engineering” organized by Mohamed sathak A J college of Engineering from 04th to 06th June, 2020.
48. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a One Week national level workshop on “Science Leadership Workshop” organized by Central University of Punjab from 22nd to 28th June, 2020.
49. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a one Day national level workshop on “Video tutorial Education and online assessment” organized by ANITS on 03rd July, 2020.
50. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a Two Day national level Webinar on “Environmental webinar series 1 cleaner Technology for wastewater treatment” organized by Sethu institute of technology from 05th to 06th June, 2020.
51. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a one Day national level Webinar on “super session on Future of Education” organized by ICT Academy on 18th June, 2020.
52. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a Two Day national level Quiz competition on “Theme of celebrate Biodiversity on world Environmental Day 2020” organized by Centre for Energy and Environment from 05th to 06th June, 2020.
53. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a one Day national level webinar on “Best Practices for Planning and Design of safer roads” organized by KKR & KSR Institute of technology and on 02nd July, 2020.
54. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a one Day national level webinar on “Open source tools & Softwares in Remote teaching and learning” organized by GVP, Visakhapatnam on 05th July, 2020.
55. Mr. J.Harsha Vardhana reddy, Assistant Professor, Civil has attended a one Day national level webinar on “Time for Nature- Biodiversity & Governance” organized by ANITS on 06th June, 2020.
56. Mr.N.A.N.P.Vital, Assistant Professor, Civil has attended a one Day national level workshop on “Video tutorial Education and online assessment” organized by ANITS on 03rd July, 2020.
57. Mr.N.A.N.P.Vital, Assistant Professor, Civil has attended a one Week national level workshop on “Performance of engineering structures under extreme loading” organized by Vignana Bharathi Institute of Technology from 08th June to 13th June 2020.
58. Mr.N.A.N.P.Vital, Assistant Professor, Civil has attended a one Week national level workshop on “Recent Trends and research scope in civil engineering” organized by Vignana Bharathi Institute of Technology from 06th to 10th July 2020.

**Faculty Achievements (2020-21)**

1. Dr. B.N.D.Narasinga Rao, Professor, Civil, has been the Organizing secretary for a three day International Level Conference “Indian Geotechnical Conference-2020” Conducted from 17<sup>th</sup> to 19<sup>th</sup> December 2020.
2. Dr. B.N.D.Narasinga Rao, Professor, Civil, has acted as an Reviewer for the journal “Journal of Innovations in civil Engineering and Management” (CR Journals) from the Year 2020.
3. Dr. B.N.D.Narasinga Rao, Professor, Civil, has acted as an Reviewer for the journal “Journal of Research in Cement & Concrete Technology” (CR Journals) from the Year 2020.
4. Dr. B.N.D.Narasinga Rao, Professor, Civil, has acted as Reviewer for the journal “Journal of Recent Research in Water Science and Engineering” (CR Journals) from the Year 2020.
5. Dr. B.N.D.Narasinga Rao, Professor, Civil, has acted as Reviewer for the journal “Journal of Innovative Research in Building Construction” (CR Journals) from the Year 2020.

**GATE 2021 Achievers**

List of GATE 2021 Qualified Students

S. No.	Rank	Admn No	Student Name	GATE (Ht. No.)
1	4960	317126508004	B Laxmi Sowjanya	CE21S16072319
2	5215	317126508019	G Pavan dev	CE21S16071215
3	5917	317126508003	A Siva Sai	CE21S16072063
4	6181	318126508L01	Vempada Pradeep	CE21S16072109
5	6915	317126508051	V Lokeswar reddy	CE21S16071178
6	9511	317126508055	V Kondandarama reddy	CE21S16072481
7	10629	317126508005	B Somasekhar babu	CE21S16072361

**Placement Achievers**

List of students placed in campus placements

S.NO	Regd.No	Name of student	Name of the employer	CTC
01	317126508051	Vallamreddy Lokeswar Reddy	Design Tribe India Pvt. Ltd	2.84LPA
02	318126508L03	Chitturu Venkata Vivek	Design Tribe India Pvt. Ltd	2.84LPA
03	318126508L07	Pantala Lokesh Bharath	Design Tribe India Pvt. Ltd	2.84LPA
04	318126508L09	Chukkala Rajesh	Design Tribe India Pvt. Ltd	2.84LPA
05	317126508007	Bhimini Balayamini	Morrison Hershfield(Veritis)	2.70LPA

## Academic Toppers (2019-20)

### Gold Medal Winner 2019-21



**Ms. Sujini Lavanya Reddi** ( 316126508039) daughter of Late.Nageswara Rao and Smt.Naga Lakshmi - Gold Medal Winner for the admitted batch 2016-2020. She has topped B.Tech Civil with **9.25 CGPA**

Year/Semester	I Semester List of Class Toppers	II Semester	
IV Year	<p>REDDI SUJINI LAVANYA (316126508039) SGPA:9.54</p> 	<p>RAVADA BHAVANI (316126508064) SGPA:9.56</p> 	<p>SUJINI LAVANYA REDDI (316126508039) SGPA:9.56</p> 
III Year	<p>B LAXMI SOWJANYA ( 317126508004 ) SGPA:9.78</p> 	<p>BODDAPU KIRAN (317126508010) SGPA:9.78</p> 	
II Year	<p>KOLAKALURI HARIKA ( 318126508021) SGPA:9.59</p> 	<p>KILLI DILEEP KUMAR (318126508020) SGPA:9.46</p> 	
I Year	<p>TIRUMALARAJU SRI NIKHITHA ( 319126508038) SGPA: 9.23</p> 	<p>TIRUMALARAJU SRI NIKHITHA ( 319126508038) SGPA: 9.58</p> 	



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Newsletter published by Department of Civil Engineering



**Student  
Achievements  
(2020-21)**

1. J Satya Prakash (IV/IV Civil) 317126508022 has won 1<sup>st</sup> prize in Quiz Competition conducted by Department of Civil Engineering, Sir CR Reddy College of Engineering, in the event Connect-2K21

**Board of Studies (Civil Engineering)**

1. Prof. G. Appa Rao, Professor, Civil, I.I.T., Chennai, Member
2. Dr. B.V.S. Viswanadham, Professor, Civil, I.I.T., Bombay, Member
3. Dr. CNV Satyanarayana Reddy, Professor, Civil, Andhra University, Visakhapatnam, Member
4. Sri. D. Kasi Visweswara Rao, Chef Engineer (Retd.), CRDA, Vijayawada, Member
5. Dr. J. Vikranth, Associate Professor, Civil, ANITS, Member
6. Mr. M.K.S.S. Krishna Chaitanya, Assistant Prof., Civil, ANITS, Member
7. Ms. P.V.R. Sravya, Assistant Prof., Civil, ANITS, Member
8. Mr. T.V. Viswateja, Assistant Prof., Civil, ANITS, Member
9. Dr. B.N.D. Narasinga Rao, Professor & Head, Chairman