

## **Annamacharya Institute of Technology and Sciences**

(An Autonomous Institution)

New Boyanapalli, Rajampet-516126 Annamayya (Dt), Andhra Pradesh.

Approved by AICTE, New-Delhi, Affiliated to J.N.T.U.A, Ananthapuramu

Accredited by NBA (CSE, ECE,EEE) & NAAC with A Grade

### **Department of Civil Engineering**



#### **About Us:**

Annamacharya Institute of Technology & Sciences, Rajampet is an AUTONOMOUS institution and is affiliated to JNTUA, Anantapuramu. The institute was started in the year 1998 under the auspices of Annamacharya Educational Trust in picturesque surrounding on a spacious 30 acre campus near Tallapaka, the birth place of Annamacharya, the renowned saint poet.

**Our Vision:**

We impart futuristic technical education and instill high patterns of discipline through our dedicated staff who set global standards, making our students technologically superior and ethically strong, who in turn shall improve the quality of life of the human race.

**Our Mission:**

Our mission is to educate students from the local and rural areas, and from other states so that they become enlightened individuals, improving the living standards of their families, industry and society. we provide individual attention, world-class quality of Technical education and take care of character building.

**Civil Engineering****Vision:**

The Department of Civil engineering strives to help its graduates to become technically sound and ethically strong engineers and to be recognized as one of the best Civil Engineering program's in the country through its pursuit of excellence in teaching, research and service activities, besides imparting basic knowledge.

**Mission:**

The mission of AITS's Department of Civil Engineering is:

To impart training to the students in order to make themselves suitable for the changing technologies in Civil Engineering field.

To provide an environment which inspires the students to enhance their analytical thinking and creativity to solve the problems of rural public and problems of the world related to Civil Engineering.

To nurture leadership and team work in the students so as to make them good leaders, entrepreneurs and responsible citizens.

**Programme Educational Objectives:**

The following Program Educational Objectives are consistent with the College and Department Missions. Graduates of our Civil Engineering program are expected within a four years of graduation to have:

**S.No.****Programme Educational Objectives**

- |      |   |
|------|---|
| PEO1 | To apply a broad, fundamental-based knowledge and up-to-date skills required in performing professional work in Civil Engineering and related disciplines.  |
| PEO2 | To design the works pertaining to Civil Engineering, incorporating the use of design standards, realistic constraints and consideration of the economic, environmental, and social impact of the design.    |
| PEO3 | To use modern computer software tools to solve Civil Engineering problems and explain and defend their solutions and communicate effectively using graphic, verbal and written techniques to all audiences. |
| PEO4 | To demonstrate their ability to deal effectively with ethical and professional issues, taking into account the broader societal implications of Civil Engineering.  |

**Programme Outcomes:**

<b>S.No.</b>	<b>Program Outcomes</b>
PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	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.
PO4	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.
PO5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO6	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.
PO7	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.

- PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10 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.
- PO11 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.
- PO12 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.

### ABOUT THE DEPARTMENT

In the year 2012, the Civil Engineering department was formed. The department, which is one of the Institute's key engineering departments, has expanded enormously and is now acknowledged as one of the major engineering departments. Undergraduate civil engineering program contain not just civil engineering studies, but also value education, industrial training, placement training, and computer training, all of which are required to be a successful civil engineer in today's world. The department provides field and technical visits for scholars to get practical experience. The department also provides a postgraduate degree in structural engineering, which includes both core and elective courses (inter and intra department). Students can obtain practical experience through summer internships.

Teaching, Student activities, Research, and Consultation works are all priorities for the department. Faculty members in the department are highly qualified and experienced. In addition to the institute's primary library, the department has smart classrooms, counselling room, and its own library. Structural Engineering, Geotechnical Engineering, Environmental Engineering, Water Resources Engineering, Transportation Engineering, and other fields are covered by the faculty. Faculty members contribute to academic advancement through research publications and giving presentations at International and National conferences. The labs are well-equipped with cutting-edge technology.

#### **From the HOD's Desk**

Welcome to the Department of Civil Engineering!

You've come to the correct spot if you're seeking for a well-balanced and innovative teaching-learning environment in Civil Engineering. The Civil Engineering Department aspires to be a leader in teaching, learning, and professional development. To complement our academic program, we are fortunate to brag state-of-the-art laboratories and devoted academic and technical staff. Our department and its knowledgeable faculty provide practice-based education, equipping our students for a rewarding and successful profession. Needless to mention, almost 30% of our students from the last two graduating classes were placed in My Homes as well as for higher

education, demonstrating our academic superiority. Our graduates are especially well prepared for demanding employment, big project management, and being on the front lines.

So, why wait? Come and join us now and build the Nation!

### **ABOUT NEWS LETTER**

I am glad in publishing the Departmental Newsletter "NIRMAN" for the academic year 2022-2023 (Month: July - December). This newsletter exhibits the Conference, Workshops, Seminars, Events, Student Achievements and Faculty Achievements. It is great to find a considerable number of lectures and workshops helpful in sharing innovative ideas and knowledge. We do additional mentorship to our students through innovative technical sessions and seminars over the coming years. I thank all the faculty members and students for making this semester eventful in various aspects. I congratulate the team members in bringing this newsletter successfully.

### **Advisor Committee**

#### **Advisor and Editor-in- chief**

Dr. T. Naresh Kumar, Associate Professor and Head

#### **Associate Editor**

Mr. K. Vishnu Vardhan, Assistant Professor

#### **Committee Member**

Dr. D. Sreenivasulu, Associate Professor

#### **Student coordinator**

P. Siva kishore, H.T NO: 20701A0189

A. Sharan Reddy, H.T NO: 20701A0185

# DEPARTMENT OF CIVIL ENGINEERING

Placement Selects     AY : 2022-23



**M.Jagadeeswara Reddy**  
20705A0123



**C.Naveen Kumar**  
20705A0145



**S.Pavithra**  
20705A0147



**S.Riyaz Basha**  
20705A0157



**N.Pavithra**  
19701A0130

**Selected in DXC with 4.25LPA**



## DEPARTMENT OF CIVIL ENGINEERING

Placement Selects      AY : 2022-23



**12 Selects in MOLDTEK company with 2.4LPA**



**D.K. Dakshayani**  
20705A0114



**D. Viswasree**  
20705A0186



**K. Naga Pramod**  
20705A0139

**3 Selects in ILM company with 2.52LPA**



**N. Megha Vardhan**  
20705A0136  
Selected in  
**MU-SIGMA** with  
**30LPA**  
(over 4 years)

## FACULTY ACHIEVEMENTS:

### FDP'S ATTENDED:

- Dr. T Naresh Kumar Associate professor, HOD of CE has attended a 2 days FDP on online "Research Methodology" from Greater Kolkata college of Engineering and Management, JIS Group Educational Initiatives, from 04-07-2022 to 08-07-2022.
- Mr. K. Vishnu Vardhan Assistant professor Dept. of CE has attended a 4 days webinar series on online "Research Methodology" from Greater Kolkata college of Engineering and Management, JIS Group Educational Initiatives, from 04-07-2022 to 08-07-2022.
- Dr. T Naresh Kumar Associate professor, HOD of CE has attended a 6 days FDP on online "Latex" from S.S.T. College of Arts and Commerce, Ulhasnagar, Mumbai, Thane, from 18-07-2022 to 24-07-2022.
- Dr. D.Gouse Peera Associate professor, Dept of CE has attended a 5 days FDP on online "3D Printing TechInternationallogies" Vemu Institute of TechInternationallogy, P.Kothakota, Tirupati, Chittoor Dist., from 18-07-2022 to 24-07-2022.
- Dr. T Naresh Kumar Associate professor, HOD of CE has attended a 6 days FDP on online "Amazon Web Services" from Vellore Institute of TechInternationallogy Chennai, from 22-08-2022 to 26-08-2022.
- Dr. D.Gouse Peera Associate professor, Dept of CE has attended a 6 days FDP on online "Application of RS and GIS for groundwater management studies, Vel Tech , Chennai, from 23-08-2022 to 29-07-2022.
- Mr. S. Venkata Vara Prasad Assistant professor Dept. of CE has attended a 1 day FDP on online "Performance as the criteria in

concrete mix proportioning” from ICI, QCRETE Readymix (INDIA) PVT LTD , on 23-08-2022.

- Dr. D.Gouse Peera Associate professor, Dept of CE has attended a 5 days FDP on online “Current Trends & Research in Civil Engineering, Maturi Venkata Subba Rao (MVSR) Engineering College (A)(Estb-1981),Nadergul, Hyderabad-501510, from 26-08-2022 to 31-07-2022.
- Mrs. Rashmi Khambe Internationalur Assistant professor Dept. of CE has attended a 5 days FDP on online “Faculty Development Programme on Structural Design with STAAD PRO” from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022 .
- Mr. Shaik Ashraf Ali Assistant professor Dept. of CE has attended a 5 days FDP on online “Faculty Development Programme on Structural Design with STAAD PRO” from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.
- Mr. K. Vishnu Vardhan Assistant professor Dept. of CE has attended a 5 days FDP on online “Faculty Development Programme on Structural Design with STAAD PRO” from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.
- Mr. Araveti Anil Kumar Assistant professor Dept. of CE has attended a 5 days FDP on online “Faculty Development Programme on Structural Design with STAAD PRO” from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.
- Mr. Raghunath Reddy Assistant professor Dept. of CE has attended a 5 days FDP on online “Faculty Development Programme on Structural Design with STAAD PRO” from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.

- Dr. D.Gouse Peera Associate professor, Dept of CE has attended a 5 days FDP on online "Tools for Engineering Research", Electrical Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.
- Mr. G. Naveen Kumar Assistant professor Dept. of CE has attended a 5 days FDP on online "Faculty Development Programme on Structural Design with STAAD PRO" from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.
- Mr. V. Haneef Assistant professor Dept. of CE has attended a 5 days FDP on online "Faculty Development Programme on Structural Design with STAAD PRO" from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.
- Mrs. N.R. Gowthami Assistant professor Dept. of CE has attended a 5 days FDP on online "Faculty Development Programme on Structural Design with STAAD PRO" from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.
- Dr. D. Sreenivasulu Associate professor Dept. of CE has attended a 5 days FDP on online "Faculty Development Programme on Structural Design with STAAD PRO" from Civil Engineering Department, NITTTR Chandigarh, from 19-09-2022 to 24-09-2022.
- Dr. T Naresh Kumar Associate professor, HOD of CE has attended a 5 days FDP on online "Faculty Development Programme on Structural Design with STAAD PRO" from Civil Engineering Department, NITTTR Chandigarh 19-09-2022 to 24-09-2022.
- Mr. Shaik Ashraf Ali Assistant professor Dept. of CE has attended a 5 days FDP on online "Faculty Development Programme on Concrete Mix Design- New Directions" from Civil Engineering Department, NITTTR Chandigarh, from 10-10-2022 to 14-10-2022.

- Mr. K. Vishnu Vardhan Assistant professor Dept. of CE has attended a 5 days FDP on online "Faculty Development Programme on Concrete Mix Design- New Directions" from Civil Engineering Department, NITTTR Chandigarh, from 10-10-2022 to 14-10-2022.
- Mr. Araveti Anil Kumar Assistant professor Dept. of CE has attended a 5 days FDP on online "Faculty Development Programme on Concrete Mix Design- New Directions" from Civil Engineering Department, NITTTR Chandigarh, from 10-10-2022 to 14-10-2022.
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- Dr. D.Gouse Peera Associate professor, Dept of CE has attended a 5 days FDP on online “Thermal Science and Materials Engineering”, Department of Mechanical Engineering, Srinivasa Ramanujan Institute of TechInternationallogy, Ananthapuramu, from 07-11-2022 to 12-11-2022.



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