

NIRMAN

NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING



Approved by AICTE, permanently affiliated to JNTUK,
Accredited by NBA & NAAC with 'A++' Grade and UGC
recognition under Sections 2(f) and 12 (B) of the UGC Act,1956
Aditya Nagar, ADB Road, Surampalem 533437, Kakinada District.

ABOUT THE DEPARTMENT

The department of Civil Engineering at Aditya transfers innovative applications to improve Civil Engineering practices which fulfil the requirements of civil construction industry.

To face the challenges in the field, the department associates itself in different consultancy activities like quality control, design, detailing, soil testing and concrete testing to the construction sites in the close vicinity. To shore up transition of knowledge, eminent personnel from industry and academia are invited to deliver technical talks on emerging areas to keep the students abreast with the latest advancements.

The department has state-of-the-art facilities, latest software like STAAD.Pro, AUTOCAD, Revit Structures, Robot Structure analysis etc. and well-equipped laboratories with costly equipment such as Total Station,

Universal Testing Machine, Tri-axle Shear Testing Machine, Kaplan turbine, Francis turbine, Pelton wheel testing rig, Compression testing machine, Ultrasonic pulse velocity equipment etc.

The department offers unique internship opportunities to students in companies like L&T Construction, Reliance Industries Limited, OIL, Irrigation Department, Govt. of A.P., Soma Constructions, APCO Infra tech, Vizag Steel Plant etc.

VISION OF THE DEPARTMENT

To be a recognized centre in civil engineering with values and innovation

MISSION OF THE DEPARTMENT

M1: Practice learner-centric quality teaching-learning process abreast with changing industry needs and societal challenges.

M2: Provide Quality infrastructure towards academics, research and innovation

M3: Establish effective industry and institutional collaboration



TABLE OF CONTENTS

01

Guest lectures/Webinar through Indian Concrete Institute

02

Guest lectures/Webinar through ACCE(I) Student Chapter

03

Students participation in various events

04

Department Organised Events

05

Value Added Course

06

Industrial Visit

07

Placements

08

Editorial Board



NIRMAAN

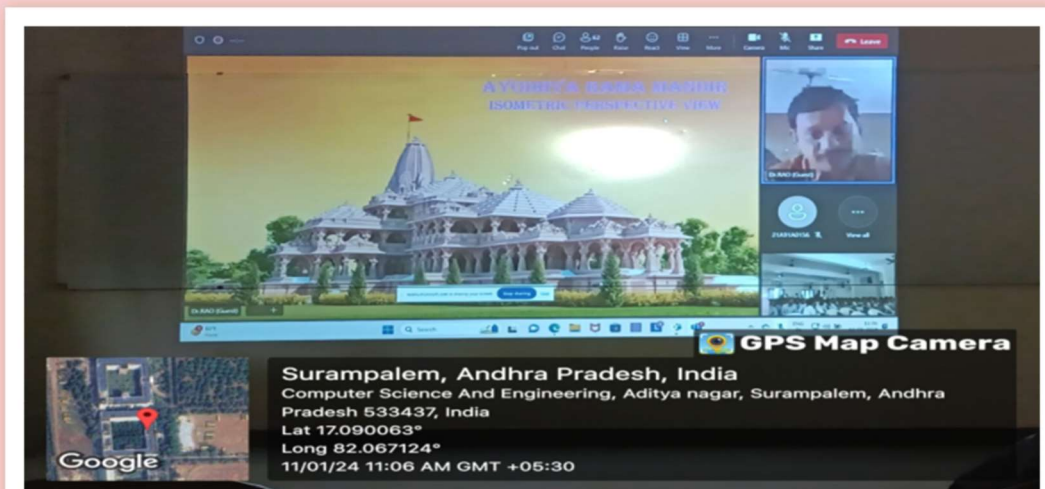
2K23 - 24



Guest lectures/Webinar through Indian Concrete Institute (ICI), Students Chapter

1. Online guest lecture on "Ayodhya Rama Mandir - Construction Techniques and Structural Behaviour Involved with Emphasis on Probabilistic Seismic Hazard Assessment."

On January 11th, 2024, an online guest lecture was held on "Ayodhya Rama Mandir: Construction Techniques and Structural Behaviour with an Emphasis on Probabilistic Seismic Hazard Assessment." The lecture was delivered by Dr. K.V. Narasimha Rao, Chief Technical Advisor at Aakruthi Consultants, Kakinada. 110 students attended this online session, which was conducted as part of the Indian Concrete Institute (ICI) Student Chapter program.



2. Workshop on "Plans to Reality: An Exploration of Civil Engineering Software in India,"
Er. SK.M. Basheer, an architect working with Ultra Tech in Rajahmundry, was invited as a guest speaker for an online workshop titled "Plans to Reality: Exploring Civil Engineering Software in India". The workshop was conducted under the auspices of the Indian Concrete Institute (ICI) Student Chapter and was attended by 84 students.



Guest lectures/Webinar through ACCE(I) student chapter

Online webinar on “An overview on Recent Earthquake at Japan and The Importance of Structural Audit”.

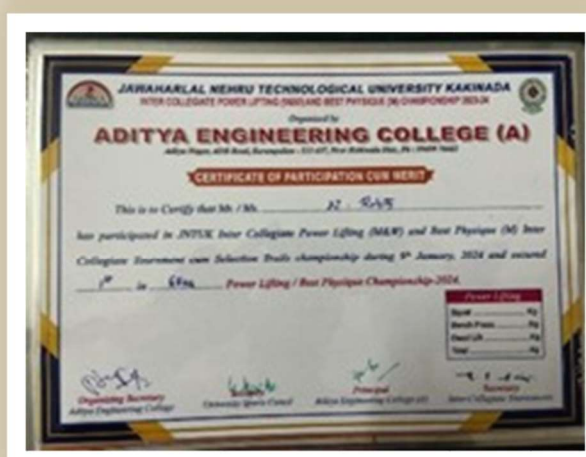
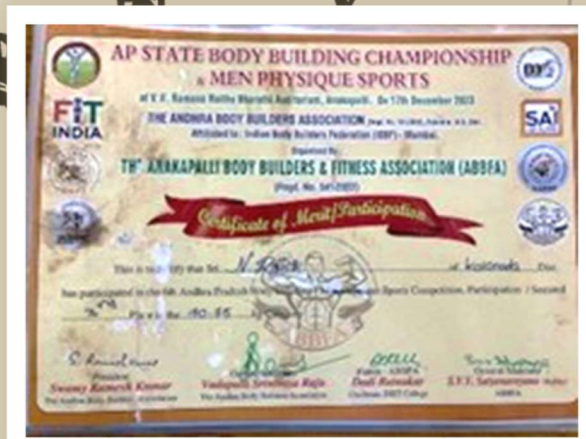
On January 28th, 2024, Er. Badam Sundar Rao, Chairman of the ACCE(I) Kakinada Branch, conducted an online webinar titled "An Overview of the Recent Earthquake in Japan and the Importance of Structural Audit." The webinar was part of the Association of Consulting Civil Engineers (India) Student Chapter program and was attended by 82 students.





Students Participation in Various events:

1. Mr. N Rohith has proven his strength and expertise by partaking in various prestigious competitions. He emerged victorious in the JNTUK Inter Collegiate Powerlifting, securing the top spot. He also showcased his sculpting skills by coming in second in the 1st Godavari Zone Body Building Championship 2023. In the AP State Body Building Championship, he further solidified his standing with a third-place finish. Another notable triumph was his first place in the MR. SOUTH INDIA competition which was held in Kerala on February 22nd and 23rd, 2024, which he achieved with the support of the Vice Chairman, Principal, and HOD.



2. Second-year students P Veera Sai Manikanta, Y. Yogendra Babu, K. Satya Padmavathi, and Vasanthi Geetha Naga Lakshmi participated in the Project Expo at VALIANT 2K23, held at Vishnu Institute of Technology, Bhimavaram, on 29th and 30th December 2023. Their project received the first prize.



3. P. Chakraveni, a second-year student, was awarded the second prize in the poster presentation at ESWAR FEEST-2K24, which took place on February 24th, 2024, at the Eswar College of Engineering in Narasaraopet, Palnadu.



Department-Organized Events

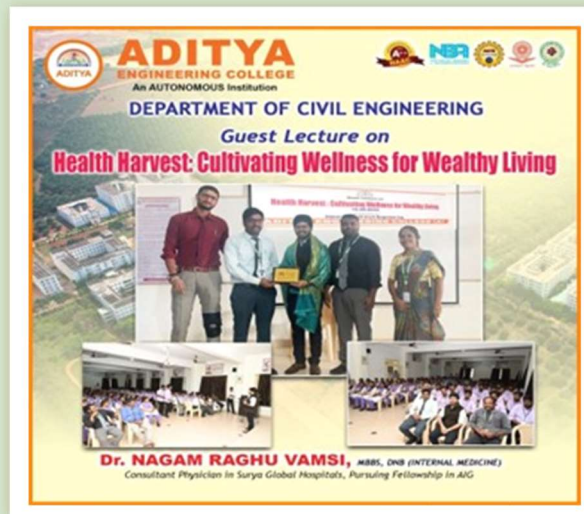
1. Alumni Interaction

On February 15th, 2024, an "Alumni Interaction" event was held under the guidance of Dr. B. Ramamohana Reddy. The guest of honor was Mr. Rithwik Mamidala, a former student who is now the CEO and Managing Partner of SRIOCEANIC SHIPPING SERVICES in Kakinada. He shared his insights on entrepreneurship development skills with third-year civil engineering students and encouraged them to interact with alumni and learn from their experiences.



2. One-day seminar on Health Harvest: Cultivating Wellness for Wealthy Living

On February 15th, 2024, a one-day seminar was held for Civil Engineering students to promote healthy living. The seminar was titled "Health Harvest: Cultivating Wellness for Wealthy Living" and presented Dr. NAGAM RAGHU VAMSI, a Consultant Physician at Surya Global Hospitals and pursuing a fellowship at AIG, as the keynote speaker. During the seminar, Dr. Vamsi shared insights on the importance of maintaining a healthy lifestyle, including habits such as eating and sleeping, and fostering a positive mindset. The event also facilitated an interactive session where students could engage with the doctor and gain a better understanding of how they can maintain their wellness.



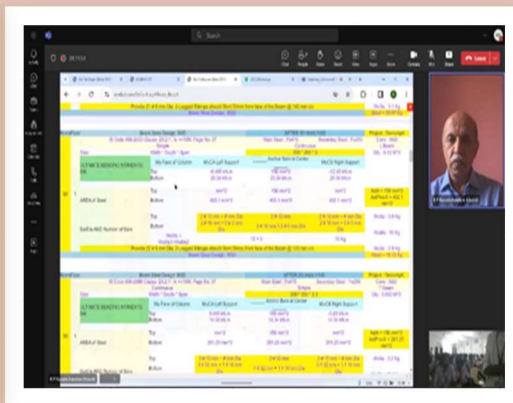


3. Hands-on training session on modern land surveying using an electronic total station.
Resource Person: Prasad Ramakrishna Harsha, General Manager at SDVVL, conducted a "Hands-on Training Programme on Modern Land Surveying using Electronic Total Station" from December 11th, 2023 to December 16th, 2023. The outcomes of the program included enhanced understanding of modern land surveying techniques among the Civil Engineering Faculty of Aditya, proficiency gained in operating electronic total stations for accurate and efficient land surveying, and increased awareness of the latest advancements in land surveying technology and their applications.



Value Added Course:

A value-added course in Auto Modelling was organized for sixth-semester students. Mr. B P Karamchandani, the Founder and CEO of MvDad.com, served as the resource person. Upon completion of this course, students gained the skills to analyze gravity and seismic loads for structures. Additionally, they learned the art of designing structures with a focus on optimizing each element for maximum cost-effectiveness.



Industrial Visit:

An industrial visit to Sileru Reservoir and Hydropower plant was organized for Third-year Civil Engineering students to bridge theoretical gaps in Irrigation and Water Resources Engineering. Students gained practical exposure to power generation through turbines, site selection and construction of the dam and reservoir, and the operation of spillway gates. The visit helped students align academic knowledge with industry standards and practices.



PLACEMENTS:



ADITYA
ENGINEERING COLLEGE(A)
Surampalem, Andhra Pradesh, INDIA

NBA

NAAC A++
ACCREDITED BY GRADE

ADITYA

DEPARTMENT OF CIVIL ENGINEERING

Hearty Congratulations

₹ 2.5-3.3 LPA

Package

for being placed in

SDVVL
SPECIALIZED DESIGN & CONSTRUCTION VENTURE LIMITED

#AdityasPride

G. YASASWINI SUDHA MADHAVI
ROLL.NO: 21A95A0112
B.Tech(CIVIL)

V. LAXMI KRISHNA KUMARI
ROLL.NO: 21A95A0138
B.Tech(CIVIL)

aec.edu.in /adityaedugrp

ADITYA
ENGINEERING COLLEGE(A)
Surampalem, Andhra Pradesh, INDIA

NBA

NAAC A++
ACCREDITED BY GRADE

ADITYA

DEPARTMENT OF CIVIL ENGINEERING

Hearty Congratulations

₹ 3.2 LPA

Package

for being placed in

SMS

#AdityasPride

M. JASWANT
ROLL.NO: 20A91A0129
B.Tech(CIVIL)

I. BABJI
ROLL.NO: 20A91A0114
B.Tech(CIVIL)

aec.edu.in /adityaedugrp

ADITYA
ENGINEERING COLLEGE(A)
Surampalem, Andhra Pradesh, INDIA

NBA

NAAC A++
ACCREDITED BY GRADE

ADITYA

DEPARTMENT OF CIVIL ENGINEERING

Hearty Congratulations

₹ 4-6 LPA

for being placed in

Teachnook
STARTING POINT FOR YOUR CAREER PATH

B. VARA PRASAD
20A91A0156

V. BHARATHI
20A91A0158

GANESH KUMAR
21A95A0103

S. SATHVIKA
21A95A0115

P. SANJEEV KUMAR
21A95A0125

K. LOKESH
21A95A0141

aec.edu.in /adityaedugrp

EDITORIAL BOARD

EDITOR IN CHIEF

M. Sreenivasa Reddy, Principal

Associate Editors

Dr. B. Ram Mohana Reddy, Associate Professor & HOD

Mr. B. Manikanta, Asst. Professor

ASSISTANT EDITORS

G. V. S. M Karthikeya 22A95A0130

S. Hari Krishna 22A95A0115

S. Yaswanth 21A91A0151

