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CIVIL CHRONICLE



Newsletter by Department of Civil Engineering
Adi Shankara Institute of Engineering and Technology, Kalady

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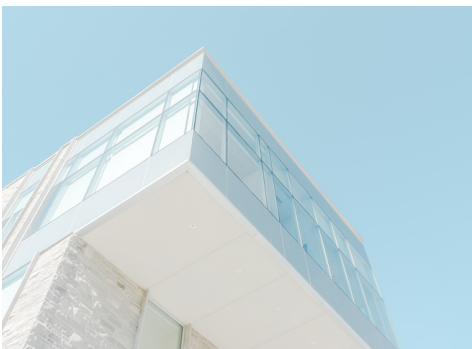
DEPARTMENT VISION

TO EMERGE AS A CENTRE OF
EXCELLENCE IN CIVIL ENGINEERING
WITH GLOBAL PERSPECTIVES.

DEPARTMENT MISSION

- TO IMPART QUALITY PROFESSIONAL EDUCATION SO THAT THE STUDENTS EMERGE AS A COMPETENT PROFESSIONAL IN THE AREA OF CIVIL ENGINEERING.
- TO PROMOTE INNOVATIVE THINKING AND LIFELONG LEARNING IN BUDDING ENGINEERS.
- TO PRODUCE CIVIL ENGINEERS WHO HAVE IMBIBED ETHICAL VALUES TO SERVE THE SOCIETY AND NATION.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)



- GRADUATES WILL HAVE A POTENTIAL TO PURSUE HIGHER STUDIES AND RESEARCH IN THE FIELD OF CIVIL ENGINEERING AND INTERDISCIPLINARY AREAS.
- GRADUATES WILL BE ABLE TO PRODUCE SUSTAINABLE SOLUTIONS WITH PROFESSIONAL ETHICS FOR REAL TIME CIVIL ENGINEERING PROBLEMS.
- GRADUATES WILL HAVE MANAGERIAL SKILLS AND LEADERSHIP QUALITIES IN EXECUTION OF CIVIL ENGINEERING PROJECTS.
- GRADUATES WILL BE ABLE TO WORK WITH INTEGRITY AND ETHICAL VALUES.

PROGRAM SPECIFIC OUTCOMES (PSOS)

AFTER SUCCESSFUL COMPLETION OF B.TECH IN CIVIL ENGINEERING, THE STUDENTS WILL BE ABLE TO:

- CHECK THE FEASIBILITY AND SUSTAINABILITY OF CIVIL ENGINEERING PROJECTS BY CONDUCTING GEOTECHNICAL INVESTIGATION, CIVIL ENGINEERING SURVEY AND ENVIRONMENTAL IMPACT ASSESSMENT.
- ANALYSE AND DESIGN BUILDINGS, HYDRAULIC STRUCTURES AND WATER DISTRIBUTION, WASTE MANAGEMENT AND TRANSPORTATION SYSTEMS.
- EXECUTE CIVIL ENGINEERING PROJECTS WITH THEIR KNOWLEDGE IN ESTIMATION, PROJECT MANAGEMENT, CONSTRUCTION MATERIALS AND TECHNOLOGIES



**DEPARTMENT OF
CIVIL ENGINEERING**

A JOURNEY FULL OF MEMORIES AND FUN; S8 SITE VISIT TO GOA!



Final year students, Department of Civil Engineering went for their 5-day site visit to Goa. Students started their journey on 22nd April 2023 via train, they reached Goa on 23rd April noon. They were greeted by beautiful western coast of India. Goa is one of the most popular destination due to its rich heritage, warm and friendly people, tropical climate, scenic beaches and exotic handicraft. Let's know more about their fascinating and fun-packed experience from the student of S8.

DEPARTMENT ACTIVITIES

A JOURNEY FULL OF MEMORIES AND FUN; SITE VISIT AND IV

On the second day, we went to Augoda Beach, Vagator Beach, and eventually, as the sun was setting, we arrived at Baga Beach, which was just a short distance from our resort. The night was filled with cold breeze and our legs were stroked by the beachy tides.

The next day, we went and experienced some great water-based activities including banana rides, jet skiing, parasailing, and scuba diving. Overall, we thoroughly enjoyed ourselves in the salt water and left with plenty of memories and a nice golden tan!



DEPARTMENT ACTIVITIES

The following morning, we visited Panjim Market and Vasco Da Gama Church before returning to Madgaon Railway Station to catch our train back to our hometown with suitcases and hearts overflowing with countless unforgettable moments that we will treasure forever.



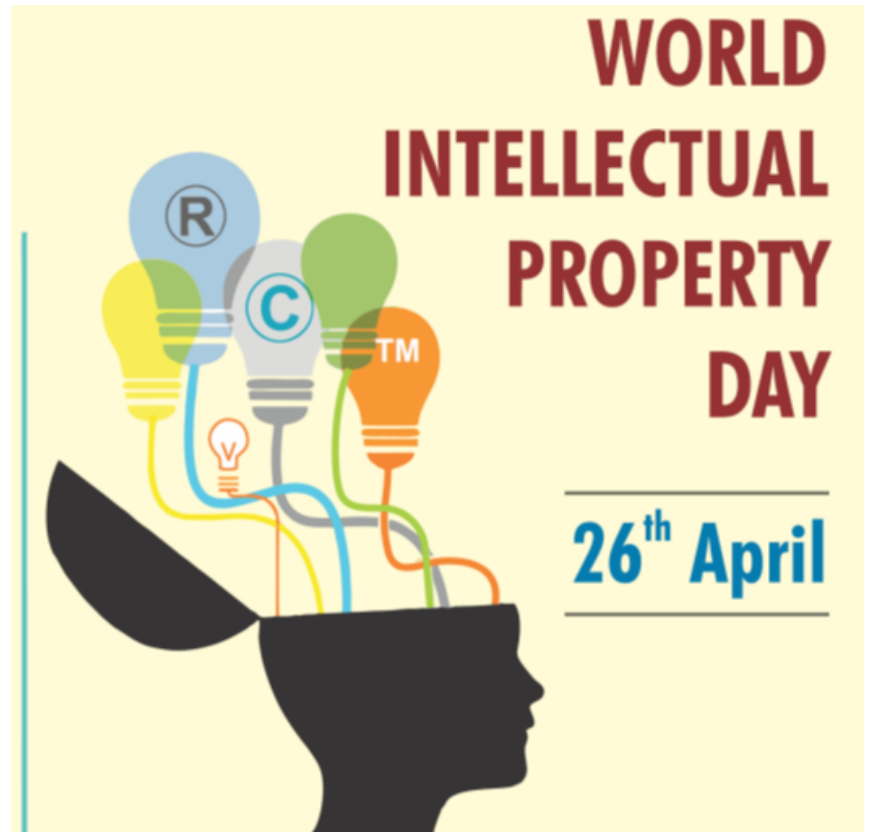
DEPARTMENT ACTIVITIES



GOA'23
CIVIL



SESSION REGARDING IPR DAY



On April 26, Dr. P Jeno Paul, Professor, Department of EEE, ASIET addressed the students of ASIET at the main seminar hall. The event was organized by the college to provide students with objective of raising awareness about the impact and roles of IPR.

INSTITUTE EVENTS

SPIRITUAL TALK ON LIFE AND TEACHINGS OF ADI SHANKARACHARYA



On the auspicious occasion of Visw Guru Adi Shankara Jayanthi (25th April 2023), Mr. P V Rajaraman, Associate Professor and HOD, Department of CSE(AI) delivered spiritual talk at main seminar hall on the life and teachings offered by Adi Shankaracharya.

INSTITUTE EVENTS

PLACEMENT 2019-23 BATCH



Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

Congratulations!!!

Placement 2023



**NAVALT SOLAR & ELECTRIC
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Ms. Ashila Anil
S8 CE

STUDENT ACHIEVEMENTS

SEMESTER 7 RESULT OF 2019-23 BATCH



Semester 7 University Results was published on 15th April 2023. 57 students of Civil Engineering Department had pass percentage of 85.45% with 7 students bagging 9+ SGPA, whereas 27 students in total secured 8+ SGPA.

STUDENT ACHIEVEMENTS

STUDENT ACHIEVEMENTS



NSS ASIET bagged the Best volunteer award and four special appreciation awards in APJAKTU NSS CELL award distribution ceremony held at Udaya Palace, Trivandrum. Ms. Anjanamol Jose of S8 Department of Civil Engineering, received Best NSS volunteer Award.

STUDENT ACHIEVEMENTS

STAFF OUTREACH



DR. DHANASEKAR K

Dr. Dhanasekar K received patent titled "Design and testing of flat slab using concrete shell concrete". It was published by Indian Patent Journal on 31st March 2023.

STAFF OUTREACH

BEAUTY OF TAJ MAHAL



The Taj Mahal is an ivory-white marble mausoleum on the right bank of the river Yamuna in Agra, Uttar Pradesh, India. It was commissioned in 1631 by the fifth Mughal emperor, Shah Jahan to house the tomb of his favourite wife, Mumtaz Mahal; it also houses the tomb of Shah Jahan himself.

Construction of the mausoleum was essentially completed in 1643, but work continued on other phases of the project for another 10 years. The Taj Mahal complex is believed to have been completed in its entirety in 1653 at a cost estimated at the time to be around ₹32 million, which in 2020 would be approximately ₹70 billion (about US \$1 billion). The construction project employed some 20,000 artisans under the guidance of a board of architects led by Ustad Ahmad Lahori, the emperor's court architect. Various types of symbolism have been employed in the Taj to reflect natural beauty and divinity.

FOOD FOR THOUGHT

The Taj Mahal was commissioned by Shah Jahan in 1631, to be built in the memory of his wife Mumtaz Mahal, who died on 17 June that year, while giving birth to their 14th child, Gauhara Begum. Construction started in 1632, and the mausoleum was completed in 1648, while the surrounding buildings and garden were finished five years later. The imperial court documenting Shah Jahan's grief after the death of Mumtaz Mahal illustrates the love story held as the inspiration for the Taj Mahal.

The management of Taj Mahal complex is carried out by the Archaeological Survey of India and the legal protection of the monument and the control over the regulated area around the monument is through the various legislative and regulatory frameworks that have been established, including the Ancient Monument and Archaeological Sites and Remains Act 1958 and Rules 1959 Ancient Monuments and Archaeological Sites and Remains (Amendment and Validation); which is adequate to the overall administration of the property and buffer areas. Additional supplementary laws ensure the protection of the property in terms of development in the surroundings.

An area of 10,400 sq km around the Taj Mahal is defined to protect the monument from pollution. The Supreme Court of India in December, 1996, delivered a ruling banning use of coal/coke in industries located in the Taj Trapezium Zone (TTZ) and switching over to natural gas or relocating them outside the TTZ.

Contributed by
Abhishek Anilkumar
S2 CE



FOOD FOR THOUGHT

CHIEF EDITOR



Ms. SHABNUM SUHURA

STAFF EDITORS

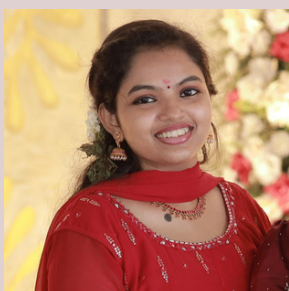


Ms. REEMA PIUS



Ms. CLYDIN P A

STUDENT EDITORS



**Ashila Anil
S8 CE**



**Anjanamol Jose
S8 CE**



**Denna Babu
S6 CE**



**Muhammed Faiz KI
S4 CE**



**Swathylakshmi Lal
S4 CE**



**Abhishek Anilkumar
S2 CE**

HOD'S MESSAGE



IN THE HIGHLY COMPETITIVE WORLD OUTSIDE, I BELIEVE IN THE VALUE OF HARD WORK, COMMITMENT AND HUMANITY. THESE VALUE ADDITIONS ARE VERY MUCH ESSENTIAL FOR THE YOUNG TECHNOCRATS, ENGINEERS AND SCIENTISTS. AS A DEPARTMENT HEAD I ENVISION MY COLLEAGUES AND STUDENTS WALKING HAND IN HAND AND BUILDING THEIR IDEAS FOR A DEVELOPED NATION.

MR. ANEESH P C