



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(Approved by AICTE New Delhi, Permanently Affiliated to JNTUA, Anantapuram)

Accredited by NAAC & Recognized by UGC under the section 2(f) and 12 (b) of UGC Act, 1956

VIDYA NAGAR, PALLAVOLU (V), PRODDATUR-516360, Y.S.R (Dt), A.P

## ENGINEER'S DAY CELEBRATIONS



### A REPORT ON ENGINEER'S DAY CELEBRATIONS

LOCATION: CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS),

PRODDATUR

NUMBER OF PARTICIPANTS: 300

DATE: 15-09-2023

ACADEMIC YEAR 2023-24



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## ENGINEER'S DAY CELEBRATIONS

India observes Engineer's Day on September 15 as a mark of remembrance and tribute to Mokshagundam Visvesvaraya, who is considered as one of the greatest engineers in the country. Vishveshvaraya is also known as the father of Indian Engineering because of his enormous contributions and innovations in the field of engineering and development of society. India has been celebrating Visvesvaraya's birth anniversary as Engineer's Day since 1968. He went on to become India's most prolific Civil engineer, Dam builder, economist and statesman. He was one of the most prominent builders of India in the 20th century. When Visvesvaraya was the Divan of Mysore from 1912 to 1918, he transformed the state into what was then known as a 'model state'. For his numerous industrial, economic and social projects, he was called "Father of Modern Mysore"

Visvesvaraya was also the Chief Engineer responsible for the construction of the Krishna Raja Sagara Dam in Mysore, the biggest in Asia at that time. In 1909, when the city of Hyderabad was in danger of getting flooded, Visvesvaraya was appointed as special consultant engineer to make the city flood-proof. His inventive engineering work saved the Visakhapatnam port from sea erosion.



Visvesvaraya is credited with inventing the block system, automated doors that close the water overflows. He designed and patented the floodgates which were first installed at the Khadakwasla reservoir in Pune in 1903. Visvesvaraya established Government Engineering College in 1917 in Bengaluru which was later named University Visvesvaraya College of Engineering in his honor. Due to his outstanding contribution to the building of India, the government conferred 'Bharat Ratna' on him in 1955. He was also awarded the British knighthood by King George V, which put the honorific 'sir' before his name.



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We at CBIT (AUTONOMOUS) Proddatur, Engineering College habituated to celebrate the birth celebrations of Sir Shri Mokshagundam Visvesvaraya as a token of gratitude to the legendary Engineer of the country.

Sir M Visvesvaraya was a divine gift to India. He knew his subject, was competent to do great designs of Civil engineering structures, and executed what others might have avoided as risks. Present engineering professionals and researchers should follow his example and gain knowledge to minimize risks while launching mega projects.

On this occasion, Department of CIVIL Faculty members organized the Quiz competition, Project Expo, Poster Presentation, Paper Presentation and Treasure hunt at individual class level followed by group activity to inculcate competitive spirit among the budding engineers. Faculty coordinators played a major role in organizing the event.

Our Principal **Dr. G. Sreenivasulu sir**, instructed to conduct an event for Engineer's Day on the September 15<sup>th</sup> 2023. Principal sir addressed the gathering with beautiful words of Sir Mokshagundam Visvesvraya garu. As an engineering college Principal, he wishes every engineer should have some social responsibility towards the society for the betterment. Every engineer needs to identify the problems in the society and try to find the solutions for the problems.

Our Chairman **Dr. V. Jaya Chandra Reddy sir**, urged the students to aim to be great engineers with technical skills as well as personal qualities. He remembered the importance of an engineer to the society. Engineer is the key position in building the nation in all areas.

Our Chief Guest **Mr. J. Gopala Krishna sir**, has worked as Ex-General Manager in "SATISH DAWAN SPACE CENTRE SDSC SHAR ISRO" has shared his work experience and achievements to all participants and upcoming engineers. Later, the chief guest addressed the gathering by presenting the **Space Exploration PPT**

**Mr. A. SUBHAKESAVULU, INCHARGE-HOD, Civil Engineering** department added that career planning is an ongoing process during engineering and students need to be strong technically. All staff members tribute to the India's most respected engineer Sir Mokshagundam Visvesvraya garu.



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## Topics included

- Quiz competition:
  - i) General knowledge
  - ii) Current affairs
  - iii) Civil Engineering Topics
- Project Expo:
  - i) Proto Type model of ISRO
  - ii) Multi storied Parking building Model
  - iii) Waste Tyres used in Road Pavement Model
  - iv) Pervious Road Model
  - v) Drip Irrigation Model
  - vi) Rotating Bridge Model
  - vii) London lifting Bridge Model
  - viii) Waste Water Treatment Model
- Poster Presentation:
  - i) Solid Waste & Improper Solid Waste Management
  - ii) Green Building
  - iii) Geo-Polymer Concrete
  - iv) Mass Concrete
  - v) Self -Healing Concrete
- Paper Presentation:
  - i) Usage of un-decomposed materials in roads
  - ii) Ground Improvement Techniques
  - iii) 3D Printing Technology in Construction
  - iv) Plastic Bricks
  - v) Cloud seeding
  - vi) Sustainable Buildings



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From the conduction of events the winners and runners list are as follows:

## **CE-III/IV –Quiz Competition**

**Winners:** S. Shaheen, R. Dilshad, G. Aparna, N. Kalyani, G. Sumanth

**Runners:** G. Surya Narayana, G. Sunil, O. Veera Reddy, Y. Sandhya, K. Chinnari

## **CE-III/IV- Paper Presentation**

**Winner:** G. Surya Narayana

**Runners:** Q. Fahim, S. Roshan Sait

## **CE-II/III- Poster Presentation**

**Winner:** K. Vyshnavi

**Runner:** S. Shaheen

## **CE-II/III/IV- Treasure Hunt**

**Winner:** Jayasree, Thanusha Reddy, Vineetha, G. Sumanth, J. Sandeep, G. Ganesh

**Runners:** Akhila, Chaitanya kumar Reddy, Y. Sandhya, Chinnari, O. Veera Reddy, G. Surya Narayana

More than 300 students participated in this event. At last the Prizes are distributed to the winners and runners on the hands of Chief Guest, Chairman of CBIT and Principal Of CBIT. At the end of the event the Chief Guest was Felicistated by the Chairman and Principal of CBIT

The initiative taken by Civil Engineering department at CBIT was highly appreciated by all the staff members and the students. It was an open opportunity to all the BTech II/IV and III/IV CE students to showcase their talents. Students with the remarkable performances were awarded with attractive gifts.





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## Event Gallery



Banner of Engineer's Day



Welcoming to the Chief Guest, Principal & Chairman Sir for the Project Expo visit



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Students explaining their Projects to the Chief Guest



Students with their Projects





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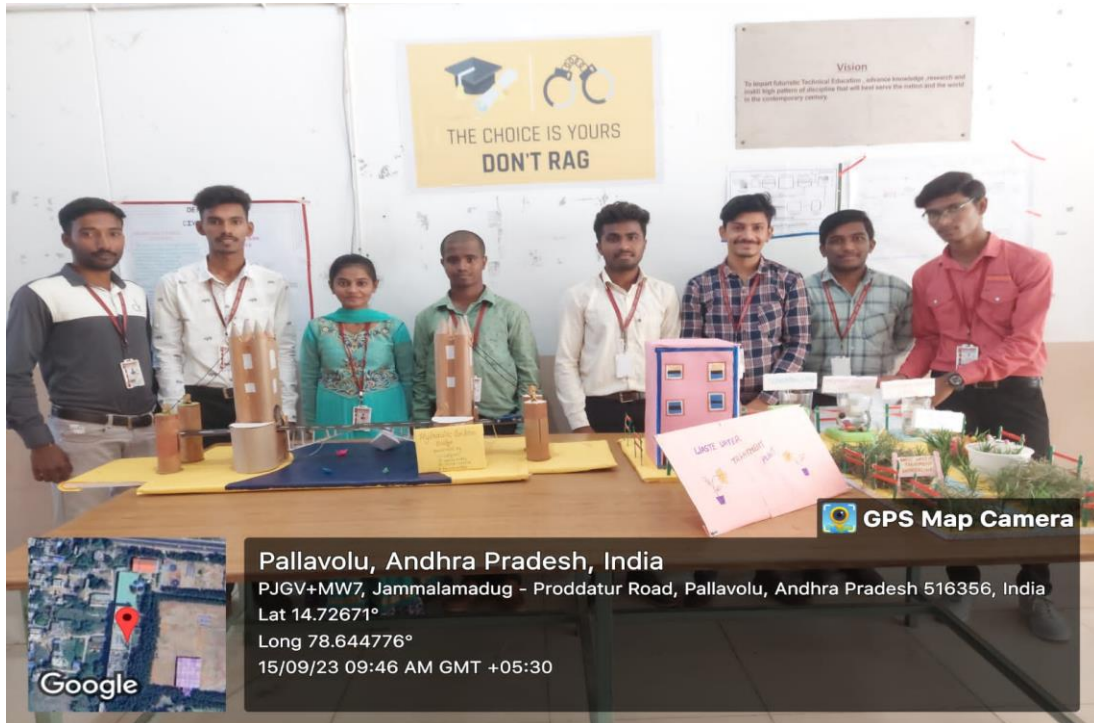


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Students with their Projects



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Students explaining their projects to the other Department HOD's



Signature of all the Delegates are collected as token of memory





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**Jyothi Prajvalana by the Chairmen, Principal and Chief Guest**



**Chief Guest Sharing his knowledge about the ISRO to all the participants who attended the event**





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Participants are listening the valuable information given by the Mr. J. Gopala Krishna garu





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Students are taking the Prizes on the hands of Chief Guest and Honorable Chairman sir

## Conclusion:

Engineers' Day is a day to celebrate the **Achievements of Engineers and their Contributions to Society**. It is a day to thank them for their hard work and dedication and to inspire the next generation of engineers. **Happy Engineers Day 2023.**

**“To the optimist, the glass is half full. To the pessimist, the glass is halfempty. To the engineer, the glass is twice as big as it needs to be.”**