

# TechZine

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**JYOTHY INSTITUTE OF TECHNOLOGY**



**Department of Civil Engineering**

Accredited by

**National Board of Accreditation**



Affiliated to

**Visveswaraya Technological University,  
Belagavi**





# TechZine

## Department Of Civil Engineering

### Jyothy Institute of Technology

#### VISION OF INSTITUTION

To be an Institution of excellence in engineering education, innovation and research and towards evolving leaders for country's future work great the and meeting global needs.

#### MISSION OF INSTITUTION

The Institution aims at providing a vibrant, intellectually and emotionally rich teaching learning environment with the State of the Art Infrastructure and recognizing and nurturing the potential of each individual to evolve into ones own self and contribute to the welfare.

#### VISION OF DEPARTMENT

To be a global center of excellence in imparting quality education in all the frontiers of civil engineering for the development of the society

#### MISSION OF DEPARTMENT

- M1:** To educate the students in the field of Civil Engineering by adopting best teaching learning process with state of the art facilities and infrastructure.
- M2:** To encourage the students to contribute to the development of the society by pursuing a promising career in the industry by making them employable with the necessary soft skills and leadership qualities.
- M3:** To encourage the students to pursue higher studies and carryout research and development in various fields of Civil Engineering.

#### ABOUT THE DEPARTMENT

Civil Engineering is a diversified and one of the oldest branches of Engineering that encompasses study in fields of Structural engineering, Geo technical Engineering, Environmental Engineering, Construction Engineering and Management & various other specialized areas. The Civil Engineering mainly involves Planning, Analysis & Design of different infrastructure projects & implementation through sustainable approach on a turnkey basis. The Departmental facilities of the college include state of art laboratories that also encapsulates Structural & Geo spatial software's in CAD lab and sophisticated state of art equipment required for conceptualization. The facilities also include advanced teaching techniques for undergraduate students in the smart classrooms. The objectives of the course call for effective teaching by experienced faculties through use of different pedagogical facilities thereby creating vibrant learning ambience and this is exacerbated through webinars, 'guest lectures, workshops etc. Our faculties are associated with R&D and consultancy works for improvement of quality teaching that makes the Department one of the most sort of Department in entire Bangalore. The faculty members contribute to academic development by publishing books and presenting papers in International Conference, National conferences and journals.

#### HOD MESSAGE

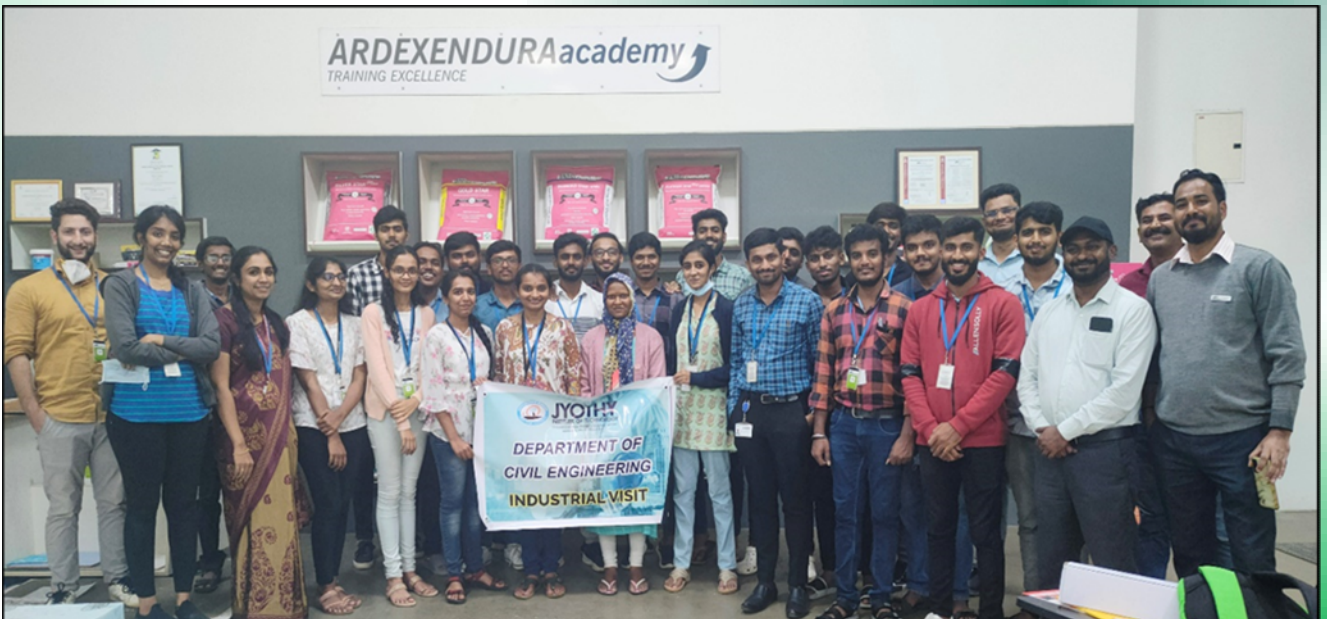
The Department of Civil Engineering has a well-defined plan to coordinate and implement various academic, extra-curricular and co-curricular activities carried out for overall growth of the Department. The faculty members constantly interact with various experts from academics and industry to evolve and organize the different events of the Department with an objective of bridging the academic and industry gap. The target plan of the Department envisages activities that involve conduct of industry-oriented workshops, industrial visits, guest lectures, software training, student participation in various paper presentation competitions and other student technical events. These activities are keeping in tune with the Departmental vision of attaining Engineering excellence in all frontiers of Civil Engineering. This is expected to be achieved through well planned and coordinated efforts of the teaching and non-teaching staff, who are credible and committed to the core for meeting the envisioned departmental standards.

# INDUSTRIAL VISIT

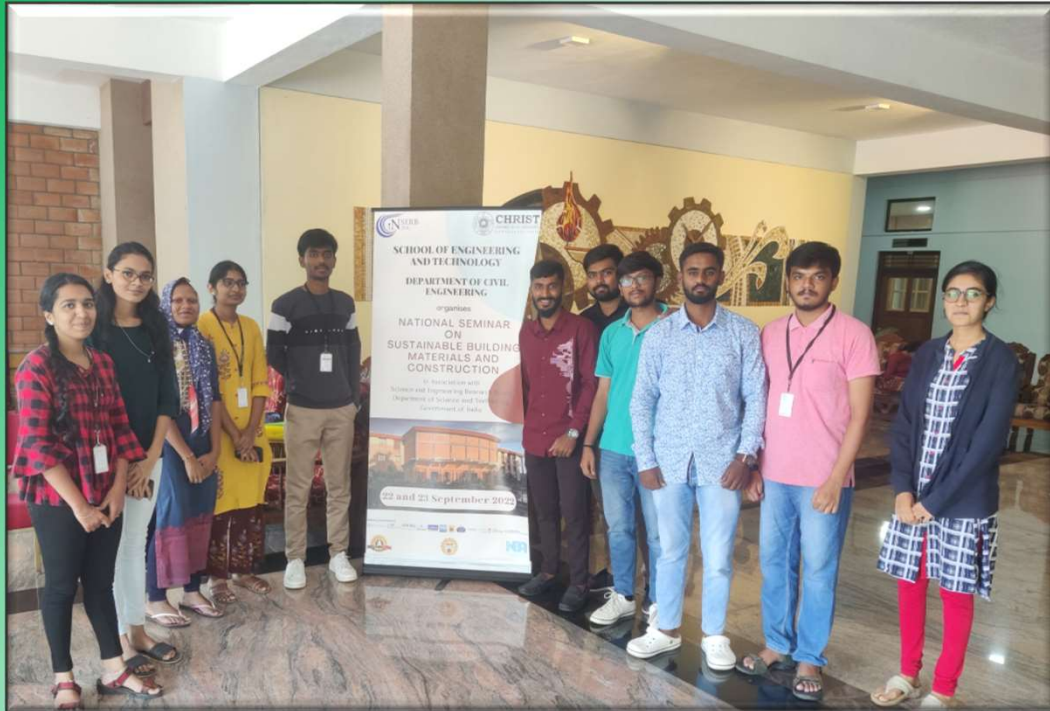
## ARDEX ENDURA PVT. LTD.



An Industrial Visit to Ardex Endura India Pvt. Ltd. (Bangalore plant), Lakkenahalli was conducted in association with Indian Concrete Institute - KBC for 7<sup>th</sup> Semester students on 29<sup>th</sup> August 2022.



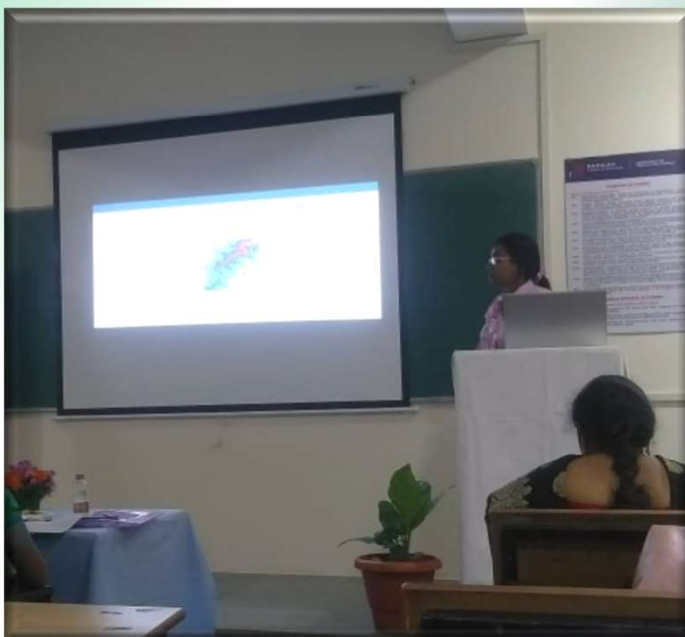




**7<sup>th</sup> Semester students of Civil Engineering Department attended National Seminar on “Sustainable Building Materials and Construction” held in association with Science and Engineering Research Board, Department of Science and Technology, Government of India at Christ University, Bangalore on 22<sup>nd</sup> and 23<sup>rd</sup> September 2022.**

# CONFERENCE

International Conference on Recent Advances in Engineering & Sciences(ICRAES)-2022 was held at M S Ramaiah Institute of Technology, Bengaluru on 13<sup>th</sup> and 14<sup>th</sup> October 2022. Mrs. Bhargavi C, Assistant Professor and Ms. Anagha.R, final year student presented papers titled “Mechanical Properties of Steel & Polypropylene Fiber Reinforced Geopolymer Concrete” & “Flood Risk and Dam Break Analysis of Tunga Reservoir using HES-RAS” respectively.





# SKILL DEVELOPMENT TRAINING

Aptitude Training for 7<sup>th</sup> semester students was conducted from 17<sup>th</sup> October to 22<sup>nd</sup> October. Mr. Suresh, Quantech Origin coordinated the training.



# WORKSHOP

Roof Raisers Club of the Department organized a workshop “Coding and Development of Games” in association with Department of Information Science and ICI from 16<sup>th</sup> Nov to 18<sup>th</sup> November 2022.



The staff and student coordinators were felicitated by Narsimhan Sir, Vice Chairperson and Dr. K Gopalakrishna, Principal for their guidance and support throughout the workshop.



**CIVIL ENGINEERING DEPARTMENT**  
**@**  
**“INTERNATIONAL GAMEATHON 5.0”**

hosted by  
Department of Information Science and Engineering  
25<sup>th</sup> and 26<sup>th</sup> November 2022





**Congratulations!**



A team of 7<sup>th</sup> Semester students comprising of Mr. Ajay Kumar, Mr. Shreyas.K.M, Mr. Suhanth Gowda and Mr. Surya Gowda won the Best Jury Pick Award in International event “Gameathon 5.0” hosted by Department of Information Science and Engineering on 25<sup>th</sup> and 26<sup>th</sup> November 2022.





Civil Engineering Department students participated in “Nirmaan ICESS 2022” held at BMS College of Engineering on 18<sup>th</sup> and 19<sup>th</sup> December 2022.

Ms. Deepadharshani.T & Ms.Pavithra.P of 5<sup>th</sup> Semester won the first prize in “Mirai Raste” Competition.

