CASTLE Committee

AY 2020-21

The CASTLE committee is formed for the academic year 2020-21 to perform the various activities in the Civil engineering department.

Sr No	Post	Name of Student	Contact number
1	President	Hrutik Kadam	7030323566
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10	TE Girl's Representative	Sayali Tondekar	8698907196
11	SE Boy's Representative	Tanmay Baing	7507241666
12	SE Girl's Representative	Arpita Gavanang	8080418667

CASTLE Staff Coordinator

Mr. V. S. Jadhav



Head of Department

Dr. S. K. Patil Head Department of Civil Engineering Gharda Institute of Technology

Report on expert lecture on "Modern Formwork Technology"

Date : 27 March 2021

Time : 11:00 AM

Resource person : Mr. James Dsouza, Assistant General Manager, Tata Projects, Head of Engg-Formwork

Faculty Coordinator : Dr. Y. R. Kulkarni

Organizer : CASTLE Committee, Department of Civil Engineering, GIT.

OBJECTIVE: On 27th March 2021, An Expert Lecture on "Modern Formwork Technology" was conducted by Mr. James Dsouza in Civil Engineering department of Gharda Institute of Technology to increase the knowledge on it. It was held for students of civil engineering department. To provide an opportunity to the students to know about various upcoming technological trends and advancements in this field.

PROGRAM SCHEDULE: The session was started at 11:00 am.

ABOUT THE TOPIC:

In Civil engineering, formwork is most important which play an role to provide proper shape to concrete and enhance the speed of construction. A good formwork ensures a quality in the final product. The formwork is of different types like timber, steel, aluminum etc.

In new construction practice used for vertical panels, column, slab formwork system, beam system etc. He explained the benefits of use of advanced formwork systems like speedy constructions with more correctness, use for repeated type of construction, erection of formwork for slab construction with animation.

Expert explained in detail the role of new techniques of formwork for different types of structures for different sites. In new techniques he described the automatic climbing system for high rise buildings, aluminum scaffolding, over-bridge pier construction, bridge girder casting, tunnel lining casting, cable stay bridge, other industrial structures, with help animation he explained total building construction steps and role of new formwork techniques.









Conclusion :

The session provided long insight towards " Modern Formwork Technology" and usage in realty. This session has impacted much on students to explore much more in this field.

