

GEMS POLYTECHNIC COLLEGE

DEPARTMENT OF CIVIL ENGINEERING

BUILD-UP BULLETIN



Volume : 5 Issue : 1 / Jan - June

Academic Year -2022-2023

Editorial

Volume 5, Issue 1 encapsulates the standout moments of our academic year 2022-2023 at Gems Polytechnic College. From Celebrating our Civil Engineering stars' victory at the State-level science and art Exhibition competition, where our talented students secured the 1st prize for their "Prototype of the model of tombs Sher Shah Suri."

Our Orientation Program welcomed 120 new students. Also, our Industrial Visit to Karamchat Dam and Durgawati Dam provided enriching experiences, allowing students to engage with Authority Engineers, enhancing their understanding of these structures.

ABOUT THE DEPARTMENT:

The Department of Diploma in Civil Engineering was established in the year 2015. It is a professional engineering discipline that deals with the design, construction and maintenance of the physical and naturally built environment including public works. The length of study is three years; the curriculum generally includes classes in basic science, mathematics, project management, design and specific topics in civil engineering.



VISION OF THE DEPARTMENT

Empowering the students in technical education and Excel those in the field of Civil Engineering with concern of socio-economic development of region, state and nation.

FROM HOD'S DESK



Mr. Samuel Prakash Swami
HOD of Civil Engineering Department

Dear Gems Polytechnic Community,

As we unveil the latest edition of our newsletter, Volume 5, Issue 1 for Jan-June 2022-2023, I stand before you with immense pride, guiding the helm of the Civil Engineering Department since its inception in 2015. This journey has been nothing short of an honor.

Our compass always points towards professional engineering, embracing the art of design, construction, and the preservation of our environment. Yet, our aspirations transcend these walls. We aim to empower each student in civil engineering, fostering the flames of regional and national socio-economic development.

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INTER-COLLEGE EVENTS: Showcasing Talent Beyond Curriculum!

Dated: 25th February 2023

SITYOG INSTITUTION OF TECHNOLOGY, Aurangabad, Bihar, hosted a remarkable State-level science and art Exhibition competition. Our talented diploma students showcased their brilliance:

- Md. Faiz Ahmed (Civil 3rd year)
- Mr. Aman Raj (Civil 2nd year)
- Mr. Sudhanshu Kumar (Civil 2nd year)
- Mr. Vishwaranjan Bharti (Civil 2nd year)

Highlight: Their project, the "Prototype of the model of tombs sher shah suri," stole the limelight, earning the prestigious 1st prize at the state level, accompanied by a reward of Rs. 3000. Kudos to the students for their outstanding achievement!

Acknowledgment: A heartfelt thanks to all the supportive staff and HOD who played a pivotal role in nurturing and guiding our students to this glorious victory.



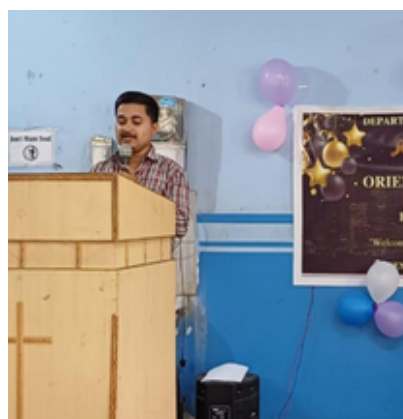
ORIENTATION PROGRAM: Guiding the Future Innovators

Dated: 22nd June 2023

The Department of Civil Engineering held its annual orientation program, a crucial two-hour session. Aimed at familiarizing the new batch of 120 students with departmental regulations, faculty introductions, and disciplinary essentials.

Insight: Ten dedicated department staff members graciously imparted essential information and set the tone for a successful academic journey for our newcomers.

It serves as a compass, outlining rules, regulations, faculty insights, and disciplinary norms for those stepping into this year's cohort. With an assembly of around 120 students, this informative session was orchestrated by a panel of 10 dedicated department staff members.



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INDUSTRIAL VISIT: Exploring Real-World Engineering Marvels

Dated: 19th August 2023

The industrial visit to **Karamchat and Durgawati Dams** was a transformative experience for our students and staff. Witnessing the sheer scale and precision behind these engineering marvels ignited a deeper understanding of theoretical concepts in real-world applications. Engaging with the engineers, exploring the intricate mechanisms, and observing the functionality firsthand left an indelible mark, inspiring our future engineers. The visit not only broadened their perspectives but also reinforced the significance of experiential learning in shaping their academic endeavors.

Experience: Engaging with the Authority Engineer at Karamchat Dam, our group gleaned invaluable insights into the operations and functionality of the dam. The day culminated with enriched minds as we returned to the college by 4:00 pm.

