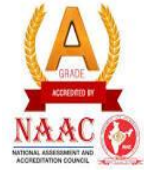




**Late Purushottam Hari (Ganesh) Patil Shikshan Sanstha's
Mauli Group of Institutions',
College of Engineering & Technology, Shegaon.
Entrepreneurship Development Cell &
CESA, MGI-COET**



Activity Report on

A Guest lecture on "New civil engineering techniques"

A guest lecture on "New civil engineering techniques" was held on 21st March 2023 by ED Cell and CESA MGI-COET Shegaon. Mr. Ankit Nimje (AR Softech Academy) was guest speaker of the session. He has started his talk with the necessity of the Advance construction material. He has also explained the basic use of Advance construction material.

ED Cell and CESA MGI-COET has organized offline guest lecture on 21st March 2023 from 2:00 pm to 5:00 pm. In this program 57 students from Civil Engineering MGI-COET Shegaon were present. Dr. M. S. Khedkar Sir. (HOD Civil- MGICOET) and Prof. Pankaj Kute (Departmental Coordinators, ED Cell) were coordinators of this activity.

New civil engineering techniques refers to the latest advancements and innovations in the field of civil engineering. This include new materials, construction techniques, and design approaches that are being used to create more efficient, sustainable, and cost-effective infrastructure projects.

Additionally, new materials such as carbon fibre composites and ultra-high-performance concrete have opened up new possibilities for creating structures with greater strength and durability. Furthermore, advancements in sensor technology and data analytics have enabled engineers to monitor and analyse the performance of structures in real-time, allowing for predictive maintenance and early detection of potential issues. As these technologies continue to evolve, the future of civil engineering looks exciting and promising.

The speaker discussed the benefits of 3D printing, including reduced waste, lower costs, and greater design flexibility. They also explained how this technology can be used to create complex geometries that would be difficult or impossible to achieve using traditional construction methods. The speaker then moved on to modular construction, which involves pre-fabricating building components in a factory and then assembling them on-site. This technique has gained popularity due to its ability to significantly reduce construction time and costs, while also improving quality and safety. The speaker provided examples of successful modular construction projects, including hotels, apartments, and hospitals.

Images of Program

