



## Lokmanya Tilak Jankalyan Shikshan Sanstha's PRIYADARSHINI COLLEGE OF ENGINEERING

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### Department of Civil Engineering (Session 2023-24)

#### List of Co-curricular Activities Conducted in the ODD Semester:

| Sr. No. | EVENT/ACTIVITY/MEETING  | DATE                     | BRIEF DETAILS   | OTHER FACULTY MEMBERS INVOLVED  | OUTCOME/EXPECTED OUTCOME   |
|---------|---|--------------------------|---|---|--|
| 1.      | Guest Lecture on Essential Software used in Civil Engineering           | 01/08/2023               | <b>Resource Person:</b><br>Mr. Hitesh Lahoti (Director), Er. Rishikesh Tantak (Trainer), Civil Engineering Software Academy (CESA), Pune<br><b>No. of Students attended:</b><br>90<br><b>Objective/Purpose:</b><br>To learn the advanced civil engineering computational & designing tools. | Prof. Pranita S. Bhandari, Prof. B. R. Gautam along with all departmental faculties | Students gained awareness of STAAD Pro features and modeling concepts, understood the application of software tools in structural design, and recognized the importance of software skills in professional civil engineering practice.   |
| 2.      | Certificate Course on Revit   | 05/08/2023 to 27/08/2023 | Students will be able to know about<br>1. Design a building and structure and its components in 3D.<br>2. Annotate the model with 2D drafting elements.<br>3. Access building information from the building model's database.   | Prof. P. S. Bhandari & Prof. K. V. Thakare  | This course aims to bridge the gap between academia and industry, providing students with hands-on experience and practical skills in Revit software.  |
| 3.      | Guest Lecture on Polymerization of Construction materials               | 13/09/2023               | <b>Resource Person:</b><br>Dr. Seema Shrivastava (HOD, Chemistry Deptt.)<br><b>No. of Students attended:</b><br>61<br><b>Objective/Purpose:</b><br>To learn process and materials formed by polymerization and optimization.  | Dr. Mayuri Chandak along with all departmental faculties                            | Students gained understanding of polymerization processes in construction materials and learned modern polymer-based construction products, their design process and optimization and recognized their advantages and applications in improving structural performance and durability. |
| 4.      | Technical Event – SAMANVAYA (Fusion of Tradition & Technology) (Bridge) | 07/10/2023               | 1. To promote and nurture the innovative spirit among students.<br>2. To provide them with a platform to showcase their technical skills, creativity,   | Prof. Pranita S. Bhandari, Ms. Alaka Das along with all departmental faculties      | Students got a platform to showcase their technical skills, creativity and innovative ideas which enhances their technical knowledge and students  |

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|    | <b>Making &amp; Tower Building)</b>  |            | and innovations.  |  | also get opportunities to interact with others and form valuable networking.  |
| 5. | Guest Lecture on Introduction of in-house developed MvDad Cloud based RC Building Earthquake Resistant Structural Design Software” | 09/10/2023 | <p><b>Resource Person:</b><br/>B. P Karamchandani, MvDad, Mumbai</p> <p><b>No. of Students attended:</b><br/>87</p> <p><b>Objective/Purpose:</b></p> <p>1. Students got the knowledge about MvDad Cloud based RC Building Earthquake Resistant Structural Design Software.<br/>2. Students got the knowledge of Structural Design and Analysis of Multi-storey Building.<br/>3. Students know about RCC Detailing, Drawing, and Estimation of billing quantities.</p> | Prof. Laxmi Gupta along with all departmental faculties  | <p>1. Students acquired knowledge of cloud-based RC building modeling and design.<br/>2. Students understood the workflow of analysis and design of RC structures using MvDad software.<br/>3. Students gained awareness of industry-oriented tools and technologies.<br/>4. Student understood the use of cloud based tools for optimization of earthquake resistance projects in sensitive areas.</p> |
| 6. | Guest Lecture on Application of computer - Aided Design (CAD)  | 12/10/2023 | <p><b>Resource Person:</b><br/>Ms. Anjali Khote (Software Trainer and Design Engineer)</p> <p><b>No. of Students attended:</b><br/>28</p> <p><b>Objective/Purpose:</b></p> <p>2<sup>nd</sup> year students should get the awareness about various softwares used in Civil engineering</p>   | Prof. Pranita S. Bhandari, Prof. B. R. Gautam along with all departmental faculties            | Students got the awareness of CAD tools and drafting techniques, and also understood the application of computer-aided design in preparing engineering drawings, and recognized the importance of CAD skills in professional engineering practice and optimization of projects.   |
| 7. | One day site visit at Shiv Gauri Residency, Jaitala Nagpur   | 02/11/2023 | <p><b>No. of Students attended:</b><br/>98</p> <p><b>Objective/Purpose:</b></p> <p>1. Students should get the knowledge about building foundation &amp; building components of residential building.<br/>2. To observe the different activities techniques carried out on site, differentiate and identify types of building materials and select appropriate material for building construction.</p>   | Dr. R. M. Dhoble, Prof. Praful Rode, Prof. V. P. Kesalkar, Dr. Mayuri Chandak & Prof. Dhanjode | <p>1. Industrial visit bridges the widening gap between theoretical learning and practical exposure. Through the visit, students got detailed knowledge planning of various construction related activities and their quality control, know and identify the latest techniques and materials used<br/>2. They learned event management.</p>   |