



## PRIYADARSHINI COLLEGE OF ENGINEERING

LOKMANYA TILAK JANAKALYAN SHIKSHAN SANSTHA'S

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### Department of Civil Engineering (Session 2022-23)

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

SR. NO.	EVENT/ACTIVITY/MEETING	DATE	BRIEF DETAILS	OTHER FACULTY MEMBERS INVOLVED	OUTCOME/EXPECTED OUTCOME
1.	Certificate Course on STAAD-PRO (PHASE-I)	20/02/2023 to 25/02/2023	<p><b>Resource Person:</b> Mr. Hitesh Lahoti (Director), Er. Rishikesh Tantak (Trainer), Civil Engineering Software Academy (CESA), Pune.</p> <p><b>No. of Students attended:</b> 52</p> <p><b>Objective/Purpose:</b> Students will be able to know about</p> <ul style="list-style-type: none"><li>✓ Advanced technology and it's application in Civil Engineering.</li><li>✓ Various Design aspects related to Civil Engineering.</li><li>✓ Advance Design of RCC and Steel structures.</li></ul>	Prof. Pranita Bhandari & Prof. Kirti Thakare	<p>1. Students got the knowledge about Advance Design of RCC and Steel structures for Seismic loads.</p> <p>2. Students know about STAAD advance concrete design (RCDC) Industry leading Concrete Design and Detailing, Drawing, Estimation and Report writing of Structure.</p>
2.	One day site visit at Gosikhurd Project (Dam), Wahi, Paoni District, Bhandara	10/03/2023	<p><b>No. of Students attended:</b> 70</p> <p><b>Objective/Purpose:</b> To provide the knowledge about the types of dam &amp; its components, different components of hydraulic structures, galleries, spillway, canals &amp; stone pitching.</p>	Prof. S. L Chauhan, Prof. Pavan S. Kamble, Prof. Laxmi Gupta, Prof. Bharti Gautam	<p>1. Site visit helps to know about the projects and fill's the widening gap between theoretical learning and practical exposure. Through the visit, students got detailed knowledge about the type of dam, components of hydraulic structures, construction of spillway, function of inspection gallery, foundation of dam, stone pitching, etc.</p> <p>2. They learned event management.</p>

3.	Certificate Course on STAAD-PRO (PHASE-II)	27/03/2023 to 01/04/ 2023	<p><b>Resource Person:</b> Mr. Hitesh Lahoti (Director), Er. Rishikesh Tantak (Trainer), Civil Engineering Software Academy (CESA), Pune.</p> <p><b>No. of Students attended:</b> 48</p> <p><b>Objective/Purpose:</b> Students will be able to know about</p> <ul style="list-style-type: none"> <li>✓ Design aspects related to Civil Engineering by using Advanced technology and it's application in Civil Engineering.</li> <li>✓ Advance Design of Steel structures using software.</li> </ul>	Prof. Pranita Bhandari & Prof. Kirti Thakare	<ol style="list-style-type: none"> <li>1. Students got the knowledge about Advance Design of Steel structures for Seismic load and Wind load Analysis.</li> <li>2. Students got the knowledge of Structural Modelling, Analysis of Water Tank, Industrial Shed and Tower by using STAAD-PRO software.</li> </ol>
4.	One day site visit at Vena Water Treatment Plant, Wadi, Amravati Road, Nagpur	03/05/2023	<p><b>No. of Students attended:</b> 98</p> <p><b>Objective/Purpose:</b> To provide the knowledge of characteristics of water, drinking water standards and necessity of treatment, various units of conventional water treatment plant and necessity of treatment processes.</p>	Dr. R. M. Dhoble, Prof. V. P. Kesalkar, Prof. Alaka Das & Prof. Manisha Chinchghare	<ol style="list-style-type: none"> <li>1. Industrial visit bridges the widening gap between theoretical learning and practical exposure. Through the visit, students got detailed knowledge about the characteristics of water, drinking water standards and necessity of treatment, various units of conventional water treatment plant.</li> <li>2. They learned event management.</li> </ol>
5.	Guest Lecture on Prospects of Civil Engineering Opportunities	28/03/2023	<p><b>Resource Person:</b> Mr. Arjun Chabra , Professor, ACE Academy , Delhi</p> <p><b>No. of Students attended:</b> 96</p> <p><b>Objective/Purpose:</b> Students got benefited with the knowledge of Career Preparation, Broader Practical Benefits, Personal Development, Pursuing a Passion and Desired Field.</p>	Prof P. S. Bhandari and Prof. B. R. Gautam	<ol style="list-style-type: none"> <li>1. Students gained knowledge of various career paths and job roles in Civil Engineering.</li> <li>2. Students became aware of emerging areas and industry expectations.</li> <li>3. Students understood the importance of skill development in various civil engineering and management areas and also understood the professional certifications.</li> </ol>