



EXCEL ENGINEERING COLLEGE
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA (AERO, CSE, MECH, ECE), NAAC with "A*" and Recognised by UGC (2f &12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR: 2022-23

STUDENT CENTRIC METHODS

S.NO	PARTICULARS	2022-23
1.	Internship	√
2.	Industrial visit	√
3.	Tutorial	√
4.	Project and Field practicum	√
5.	Guest Lectures, Seminars and workshops	√
6.	Competitions	√
7.	Club activities	√
8.	Assignment	√
9.	In plant training	√




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DEPARTMENT OF SAFETY AND FIRE ENGINEERING

STUDENT CENTRIC METHODS

ACADEMIC YEAR 2022-23

1. Internship

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
<p>To educate the students about practical knowledge</p>	<p>By selecting the company</p> <p>By sending the students there</p> <p>Make them to learn the practical techniques</p>	<p>From this students can easily understand the way of safeguarding the people and building from fire. They get the practical exposure.</p>		<p>All Year Students</p>



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2. Industrial Visit

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
<p>To educate the students about field visit</p>	<p>By selecting the place</p> <p>By taking the students there</p> <p>Make them to learn the field techniques.</p>	<p>From this students can easily understand the on shop-floor safety techniques.</p>		<p>All Year Students</p>




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3. Tutorial

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To introduce the students to basic concepts of types of loads and material strength	To solve the problems related to various stresses acting on the component.	From this students can easily understand the loading capacity of the component.	 <p>Subject: Strength of Materials Faculty handled : Mr.K.Gopalakrishnan AP SFE Topic: Types of Stresses Beneficiary: II Year SFE Students</p>	All II Year Students




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4. Project and Field practicum

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To create awareness on innovative safety symbols.	The methods which are available in the field will be practiced by the students.	Students are motivated to think about the safety requirements in all places and make them to create an innovative safety symbol.	 <p>Subject: Principles of Safety Management</p> <p>Faculty handled : Mr. U. Prabhu</p> <p>Topic: Safety Symbols</p> <p>Beneficiary: II Year SFE Students</p>	All II Year Students




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5. Guest Lectures, Seminars and workshops

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
To create awareness about Fire Extinguisher Operation	Across the world the Fire Extinguishers are used in saving life from fire.	Students actively participated in the program organized and clarified their doubts to the guest.		All Students




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6. Competitions

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
<p>In order to effectively create exams and quizzes, it is important to establish and understand the learning objectives that are being measured. For that students are engage to participate in symposiums and model making programs</p>	<p>Students are made to participate in the webinar, workshop, guest lectures and ask them to engage in all the activities related to that.</p>	<p>The students get knowledge while participate in various events organized by the departments.</p>		<p>All the students from the department</p>



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7. Club activities

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
<p>The aim of the club is to inculcate among students to explore their talents</p>	<p>To conduct the competition like pledge, slogan contest, poster design, oratorical competition and social activities</p>	<p>It measure the mirrors the process that academic programs have embraced, while being uniquely tailored to the co-curricular experiences that students engage.</p>		<p>Student Members of SPAC Club</p>


8. Assignment



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Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
<p>To introduce the principles of various Safety techniques in mines.</p>	<p>Giving Assignments in the Mines safety related topics Evaluating the assignment based on rubrics</p>	<p>The students can get knowledge about the various safety measures taken in mining of minerals.</p>	 <p>Subject: Safety in Mines Faculty handled: Mr.R.Sureshkumar Topic: Assignment – Safety in mines techniques.</p>	<p>All III Year Students</p>




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9. In Plant Training

Objective	Methodology	Learning Outcomes	Photographic Evidence	Peer Group list
<p>An objective is to create awareness about Electrical Safety.</p>	<p>How Electrical Fire can occur and how to handle it is explained by the experts.</p>	<p>Handling of Electrical fire is learnt.</p>		<p>II Year students</p>



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S. No.	Lab integrated theory courses
1	Fluid Mechanics and Fluid Flow Machinery
2	Occupational Health and First Aid
3	Safety in Construction
4	Legal Aspects of Safety

