

# KIIT POLYTECHNIC, BHUBANESWAR

## LESSON PLAN

Session: **Winter-2022-2023**

<b>Discipline: Civil engg</b>	<b>Semester:5<sup>th</sup></b>	<b>Name of the Teaching Faculty:</b> <b>Dr.Sanjukta Sahoo</b> <b>(Asst.Professor)</b> <b>Mail.id sanjuktafce@kp.kiit.ac.in</b>
<b>Subject: Project phase-1</b>	<b>No. Of Days/Week:2(6 periods)</b>	<b>Start Date: 14/9/2022</b> <b>End Date: 21/01/2023</b>
<b>Week</b>	<b>Class Day</b>	<b>Theory</b>
1st	1 <sup>st</sup>	Students will be asked for sharing their unique ideas of different kind of latest product oriented projects that can be developed
	2 <sup>nd</sup>	They may take the help of different sources such as various websites, friends/family/relatives if are in different industries or practical fields.
2nd	1 <sup>st</sup>	The coordinator will take only one period for such discussion and will allow the students to search themselves.
	2 <sup>nd</sup>	In the next class of the week, the students will be allowed to share their ideas and the coordinator have to discuss the pros and cons of each proposed project to finalize the suitable ones.
3rd	1 <sup>st</sup>	Noting down all feasible proposed projects, the coordinator will discuss with all supervisors in department to suggest and decide the final project(s)
	2 <sup>nd</sup>	Based on expertise, qualification and area of interest of the supervisor particular project(s) will be assigned one or more supervisor by the coordinator. The suitable title of the approved project(s) will be finalized by the mutual discussion among the coordinator and the supervisors.
4th	1 <sup>st</sup>	The supervisors will discuss regarding the final approved project(s) with the students to make different student team as per their interest of work. The project work can be suitably divided into different parts as per the requirement depending upon the volume of work and to each part of work one student team/group will be assigned.

	2 <sup>nd</sup>	The consent of the students for particular project will be collected by the supervisors. Each student team can have maximum 5 nos. of students as per AICTE norms. The title of the sub divided work will be given to the respective teams.
5th	1 <sup>st</sup>	The supervisors will give brief and concise idea regarding the assigned projects, its importance and challenges, and the details of works to be conducted.
	2 <sup>nd</sup>	The supervisors have to encourage the student's team to discuss mutually among themselves for the development of their ideas and to visit different sites for practical knowledge. In the next class of week3, the supervisor has to guide on how to search different websites to collect open literatures in similar topic and to encourage students to go through those to have proper idea/knowledge regarding the work.
6th	1 <sup>st</sup>	The students in team wise have to give presentation of their work and knowledge regarding the project developed so far.
	2 <sup>nd</sup>	The design of the products will be discussed and planned by both the supervisor and the students.
7th	1 <sup>st</sup>	Then the appropriate design will be developed by the students and will be checked by the supervisor.
	2 <sup>nd</sup>	The students will prepare a 10 Pages Report regarding the project work up to completion of introduction chapter under the guidance of the supervisor.
8th	1 <sup>st</sup>	The introduction chapter will include the 1. Background 2. Objectives and 3. Relevance of the work
	2 <sup>nd</sup>	The details of the materials required or the methods to be approached in the product development will be discussed thoroughly among the students and the supervisors.
9th	1 <sup>st</sup>	The students have to note down the required materials and submit it in the department for requisition purpose.
	2 <sup>nd</sup>	Acquisition of material, equipments or instruments will be done through proper channel.
10th	1 <sup>st</sup>	Follow up
	2 <sup>nd</sup>	Discussion regarding the project work