

CIT-SIT gPBL on the Development of of Drones for Smart Agriculture

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2025/02/18 ~2025/02/25	India	Chennai Institute of Technology	Mechanical Engineering, Department of Mechanical Engineering, Department of Engineering Science and Mechanics • Undergraduate 2nd and 4th grade • Master 1st grade	(SIT) Students 4, Student Staff 1, Professor 1 (Chennai Institute of Technology) Students 15, Student Staff 2, Professor 3	RAJAGOPALAN UMAMAHESWARI (Innovative Global Program)



SIT-CITDroneTeamGroup

Students from Mechanical Engineering Dept. and Department of Engineering Science and Mechanics students participated in a weeklong gPBL with the students from Chennai Institute of Technology, Chennai, India for the first time. A total of four students and 1 TA joined the gPBL. Students were from Kikai and Kikai kino. Students were involved in understanding the principles of drones through hands-on by constructing first-model drones and also flyable Quadcopter drones. They were really excited. Although the environment and other factors remain challenging, the students had a significant learning experience from organizing this gPBL. The institute was very hospitable and the students also could visit the World heritage site, Mamallapuram as part of the cultural tour. They also could listen to Indian music and dance. Overall the students enjoyed the gPBL very much and all of them got interested in drone projects and wanted to challenge in SIT too.



CIT_SITFinalGroup



StudentsCIT_SITGroup



AtMamallapuramCulturalTour



Welcome to CIT2



StudentsBuildingDrone



StudentsDesigningDrone