

Date: 11.05.2023

Ref. No.: SLIET/IIC/2023/32-36

Notice

Institute Innovation cell (IIC) has awarded projects to the students to realize their ideas into product. IIC had scheduled Final Presentation of allotted projects on 8th -10th May 2023 and the summary of the project presentation is as follows:

S. N	Project ID	Title of the Project	Remarks
1	P-2022-01	Development, Fabrication and Validation of Solar hybrid Dehydrator	Project completed, but yet to be installed on roof top of Food Block. The installed project will be inspected on 17/05/2023.
2	P-2022-02	Design and Implementation of Smart Magic Mirror	Project is still going on. Students will submit the project by 10/06/2023.
3	P-2022-03	Double Acting Arced Hydraulic Cylinder	Project completed. The student will submit the project along with project report by 15/05/2023.
4	P-2022-05	Study the abrasive wear characteristics of newly developed tillage tools by using wire arc additive manufacturing.	Project completed. Analysis is going on and students will submit the analysis report by 30/05/2023.
5	P-2022-06	ML, AI, GIS for climate change studies	Experimentation completed. The project is in raw form and will be submitted by 22/05/2023.
6	P-2022-07	Solar Operated Honey Processing Unit	Project could not materialize due to delay in procurement. The project will be continued in this financial year.
7	P-2022-08	Absorption Enhancement of Solar Cell by introducing optical devices	Students are still working and will submit the project by 15/06/2023.
8	P-2022-09	Terrain mapping using drones for agriculture	Project is under process due to unavailability of components. The team requested to extend project in this financial year with same amount.
9	P-2022-10	Advanced PID controlled high speed Line following Robot	Project not completed. The project needs thorough trouble shooting to make it workable. Students will again present by 10/05/2023.
10	P-2022-12	CycleOne Initiative (Phase-I)	Project almost completed. It will be installed till 10/06/2023.
11	P-2022-13	Protection of crops against wildlife using Multirotor Drone	Under process. The students will submit the project by 05/06/2023.
12	P-2022-14	Design and Development of Laser Engraving using 3-D printer	Project Completed.


Incomplete Project:

S. No	Project ID	Title of the Project	Remarks
1	P-2022-11	Earth Dockers	Project incomplete

Not appeared for presentation

S. No	Project ID	Title of the Project	Remarks
1.	P-2022-04	Slurry erosion behavior of mechanically durable slippery surfaces over plasma sprayed VC+TiC+CuNi-Cr based novel coating used for hydro-machinery applications	Not appeared


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