INDUSTRY ORIENTED ONE CREDIT COURSE ON INTRODCTION TO ROBOTIC WELDING

Event No	ME049
Organizing Department	Mechanical Engineering
Associate Dept. | NSC	Indian Welding Society
Date	10/03/2023 to 13/03/2023 (4 Days)
Time	09:00 AM to 03:00 PM
Event Type	VAC / Training Program
Event Level	Club|Society
Venue	IV MECH B Class room
Total Participants	28
Faculty - Internal	1
Students - Internal	27

Related SDG

Resource Persons

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Ramanathan	Technical Project Manager	Kavin Inc.,	ramanathan.2006@gmail.com	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Arulmurugan B	Coordinator

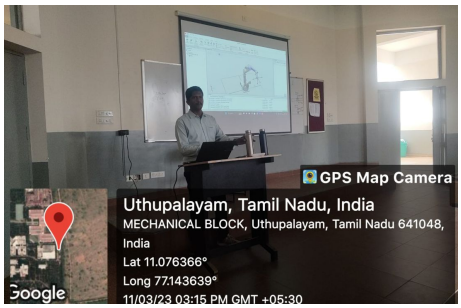
Outcome

1. Students gained knowlege on How robots can be employed in welding application
2. Students gained knowlege on Different types industrial robots
3. Hands on training on "ABB Robot simulation software"
4. Undergone one day skill training in Welding Robots in the industry
5. Earned their One credit through the courese "Introduction to Robotic welding"
6. 3 Students will undergo 2 weeks internship in Kavin Inc., coimbatore
7. 5 students will involve in product development in association with Kavin Inc., coimbatore

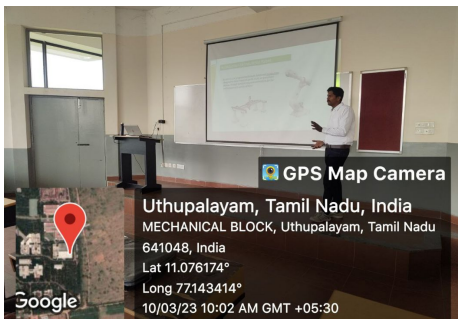
Event Summary

Department of Mechanical engineering is organizing Industry oriented One Credit Course on Introduction to Robotic Welding in association with the Indian Welding Society (IWS). Mr.S.Ramanathan, Technical Project Manager Kavin INC., Robotic Technology Center, Coimbatore is the Resouce person for this course. He is going to discuss following topics Basics of Robotic welding Robot safety Types of Robot application Selection of Robot and axis w.r.to application Selection of Robot accessories w.r.to application Robot teaching – TPC, WOC, Multi end effectors, command logics Hands-on training Types of Robot accessories External axis application Usage of simulation software Design of fixtures Application of Robotic add on software and its working principles. The outcome of the events is Students gained knowledge on How robots can be employed in welding applications, Students gained knowledge on Different types of industrial robots, Hands-on training on "ABB Robot simulation software", Underwent one-day skill training in Welding Robots in the industry, Earned their One credit through the course "Introduction to robotic welding", 3 Students will undergo 2 weeks internship in Kavin Inc., Coimbatore, 5 students will involve in product development in association with Kavin Inc., Coimbatore. Students have understood the expectation from the Robot automation industry, different grades of job opportunities in the automation field and an overview of industrial robots. If the students will perform well in the internship means the company is ready to support their placement in ABB, Kuka, Yaskawa ad other Robot manufacturers with high pay. Studnet felt happy and gave good feedback about this course.

Click to View



Click to View



Click to View

***** END *****