



Learn Beyond

KPR Institute of Engineering and Technology

(Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.

Phone: 0422-2635600

Web: kpriet.ac.in

Social: kpriet.ac.in/social

ME001

NBA Accredited
(CSE, ECE, EEE,
MECH, CIVIL)

INTRODUCTION TO ROBOTIC WELDING

Event No	ME001
Organizing Department	Mechanical Engineering
Associate Dept. NSC	Indian Welding Society
Date	13/05/2024 to 14/05/2024 (2 Days)
Time	09:00 AM to 03:00 PM
Event Type	One Credit Course (OCC)
Event Level	Dept. Level
Venue	Thanam Hall
Registration Link	https://forms.gle/AaXiCPSAipBYutoTA
Total Participants	97
Faculty - Internal	1
Students - Internal	96

Related SDG



Involved Staffs


Sl	Name	Role
1	Arulmurugan B	Coordinator

Outcome

The 'Introduction to Robotic Welding' is a one-credit course designed to provide foundational knowledge and practical skills in robotic welding technologies. Students will learn the basics of robotic programming, safety protocols, and the operational principles of robotic welding systems. The course includes hands-on training sessions to develop proficiency in setting up and troubleshooting robotic welding equipment. By the end of the course, students will be able to demonstrate the ability to perform basic welding tasks using robotic systems. Additionally, they will understand the advantages and applications of robotic welding in various industries.

Event Summary

The 'Introduction to Robotic Welding' course was successfully conducted over two days, from May 13 to May 14, 2024. This one-credit course aimed to equip participants with essential knowledge and skills in robotic welding technology. The event was marked by enthusiastic participation from students and industry professionals alike. **Day 1: May 13, 2024** The event commenced with an inaugural session graced by the chief guest, Mr. S. Ramanathan, Technical Product Manager at Kavin Inc., Coimbatore. In his keynote address, Mr. Ramanathan emphasized the significance of robotic welding in modern manufacturing and shared insights from his extensive industry experience. His speech highlighted the advancements in robotic welding technologies and the growing demand for skilled professionals in this field. Following the inaugural session, the course kicked off with theoretical lessons covering the basics of robotic welding, including an introduction to various robotic systems, programming fundamentals, and safety protocols. The sessions were interactive, with students engaging actively in discussions and Q&A segments. **Day 2: May 14, 2024** The second day focused on practical training, where participants received hands-on experience with robotic welding equipment. Under the guidance of expert instructors, students practiced setting up robotic welders, programming welding tasks, and troubleshooting common issues. This practical approach helped reinforce the theoretical knowledge gained on the first day. The course concluded with a demonstration of advanced robotic welding techniques and their applications in different industries. Participants showcased their newly acquired skills through a series of welding tasks, demonstrating their ability to operate and manage robotic welding systems effectively. **Conclusion** The 'Introduction to Robotic Welding' course was a resounding success, providing attendees with valuable insights and practical experience in this cutting-edge field. The presence of Mr. S. Ramanathan added significant value to the event, inspiring participants with his expertise and vision for the future of robotic welding. The course achieved its objective of preparing participants to meet the growing demand for skilled professionals in the robotic welding industry.

 **KPR Institute of Engineering and Technology**
Learn Beyond (Autonomous, NAAC "A")



Department of Mechanical Engineering

Industry Oriented One Credit Course on

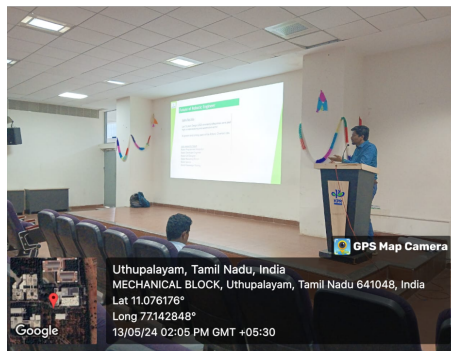
Introduction to Robotic Welding

For II ME Students

13 & 14 May 2024
9.30 AM - 04:00 PM
Venue: Thanam Hall

  /KPRIETonline
kriet.edu.in

[Click to View](#)



[Click to View](#)



[Click to View](#)

*** END ***