



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**ME002****NBA Accredited**
(CSE, ECE, EEE,
MECH, CIVIL)**TWO DAYS SOFTWARE WORKSHOP ON AUTOMATION STUDIO**

Event No	ME002
Organizing Department	Mechanical Engineering
Date	08/03/2024 to 09/03/2024 (2 Days)
Time	09:30 AM to 04:10 PM
Event Type	Workshop
Event Level	Dept. Level
Venue	Pallavi hall & Mechatronics lab
Total Participants	12
Faculty - External	1
Students - External	11

Related SDG**Resource Persons**

Sl	Type	Name	Designation	Company	Email	Phone
1	Resource Person	Mr R Sasikumar	Assistant Manager	Janatics India Private Limited, Coimbatore	kannan.t@kpriet.ac.in	xxxxxxxxxx

Involved Staffs

Sl	Name	Role
1	Kannan T	Convenor
2	Mathan Kumar N	Co-convenor

Outcome

Design the circuit for hydraulic, Pneumatics, Electro pneumatics and PLC.Simulation and hands on training in Automation studio software

Event Summary

Hands on and simulation training on hydraulic. pneumatics, electro pneumatics and PLC design using Automation studio software. Total of 12 external students had taken part in the workshop from various college. Mr.R.Sasikumar from Janatics had given the overview of the Automation studio and done the circuit for the students. Direction control valves and different types of DCV –Symbols for various- Flow control valve working-Circuit on speed control of the piston-Door opening and closing-Gates (AND & OR)- Automation circuit- Drilling operation automation circuit- Hydraulic circuit design- Electro control circuit- Safety door operation. Automation studio is a commercial software package which helps an engineer to solve problems in industry and come up with solution to make the human effortless at a faster pace. Automation studio helps you to customize your solution as per your requirement and automate.Automation studio is a commercial software package which helps an engineer to solve problems in industry and come up with solution to make the human effortless at a faster pace. Automation studio helps you to customize your solution as per your requirement and automate.

WORKSHOP ON
**AUTOMATION
STUDIO**



Mr. R. Sasikumar
Assistant Manager,
Janatics India Private Limited, Coimbatore.

8 and 9th March 2024 | 9:30 AM

Venue: Pallavi Hall

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