



Hands on Workshop of “Robotics and IOT ”

Objective:	<p>1. To provide the students with hands-on experience and knowledge in IoT concepts, prototyping, connectivity, security, and real-world applications, fostering collaboration and inspiring innovation in the Industry.</p> <p>2. To develop real time Projects and apply theoretical knowledge to practical problems and also provided an opportunity for students to work on projects from conception to execution, gaining valuable skills in project management, problem solving, and teamwork</p>	Benefit in terms of learning/Skill/Knowledge obtained:	<p>To Enhance Hardware and software Skills in IOT devices and interfacing with real time sensors.</p> <p>To develop various Real Time Hardware Projects applicable to Industry Research and Development</p>
Month& Academic Year:	Month: May AY 2023-24	Program driven by:	Self-Driven activity
TRL level	Level 3 (Refer Page 2)	Program /Activity Name:	Hands on Workshop of “Robotics and IOT ” with IOT Project Exhibition
Program Type:	Level 3(Refer Page 2)	Other:	
Program Theme:	Student Development Program	Other:	



**Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani**



Date & Duration (Days):	2 nd and 03 rd May 2024 (02 Days)	External Participants, If any:	
Student Participants:	70	Faculty Participants:	10
Expenditure Amount, If any:	6000	Remark:	





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Level Description		
Level	Event types	Duration
Level 1	<ul style="list-style-type: none"> Expert Talk Mentoring Session Exposure Visit 	2 to 4 contact hours Less than half a day
Level 2	<ul style="list-style-type: none"> Workshop Seminar Conference Exposure Visit Competition 	5 to 8 contact hours Less than a day
Level 3	<ul style="list-style-type: none"> Workshop Boot Camp Exhibition Demo Day Competition Hackathons 	9 to 18 contact hours More than a day
Level 4	<ul style="list-style-type: none"> Tech Fest Challenge Hackathon Competition Workshop Boot Camp Exhibition 	Greater than 18 contact hours More than 2 days