



St. Joseph's Institute of Technology
St. Joseph's Group of Institutions
OMR, Chennai - 119



Department of Electronics and Communication Engineering
(Accredited by NBA)

CENTRE FOR EXCELLENCE - Activities

2019-2020

S.No	Name of Centre	Activity	Topic / Objectives	No of Students participated	Duration
1	Center of Excellence for Internet of Things (IoT)	Value Added Course	Embedded with Raspberry Pi	44	27/6/19 to 4/7/19 (6 Days)
		Workshop	Python with Raspberry Pi	112	13-9-19 14-9-19 (2 Days)
			Augmented Reality	109	5-9-19 6-9-19 (2 Days)
			Mobile App Development		
			Biped Robot	164	3-9-19
			Brain Cont. Robot		4-9-19
		Gesture Controlled Robot	(2 Days)		
		Consultancy	Firmware development for 4 Axle Cleaning Robot Amount : Rs.2,06,750		
Model	Versatile Insole Monitoring				
Model	Smart bag				

2018-2019

S.No	Name of Centre	Activity	Topic / Objectives	No of Students participated	Duration
1	Center of Excellence for Internet of Things (IoT)	Value Added Course	IOT with RaspberryPi	55	27-6-18 to 29-6-18 (3 days)
			Network Simulator with application	41	
			LabView for Electronics Automation	28	
		Workshop	MATLAB for Image Processing	112	12/1/19
IOT with Raspberry Pi					

2017-2018

S.No	Name of Centre	Activity	Topic / Objectives	No of Students participated	Duration
1	Center of Excellence for Internet of Things (IoT)	Value Added Course	Network Simulator for Communication	36	19/6.17 to 24/6/17 (6 Days)

2016-2017

S.No	Name of Centre	Activity	Topic / Objectives	No of Students participated	Duration
1	Centre of Excellence for Factory Automation and Robotics	Value Added Course	Sensors and PLC	109	9/3/17 to 10/3/17 (2 Days)
2	Center of Excellence for Internet of Things (IoT)	Workshop	Internet of Things	133	23/9/16 to 24/9/16 (2 Days)

2015-2016

S.No	Name of Centre	Activity	Topic / Objectives	No of Students participated	Duration
1	Centre of Excellence for Factory Automation and Robotics	Value Added Course	Factory Automation and Robotics	64	7/3/16 to 12/3/16 (6 Days)
		Consultancy	Design of Fool Proof Centralized Voting Machine Amount: Rs 3,50,000		



IRONMAN ROBOT



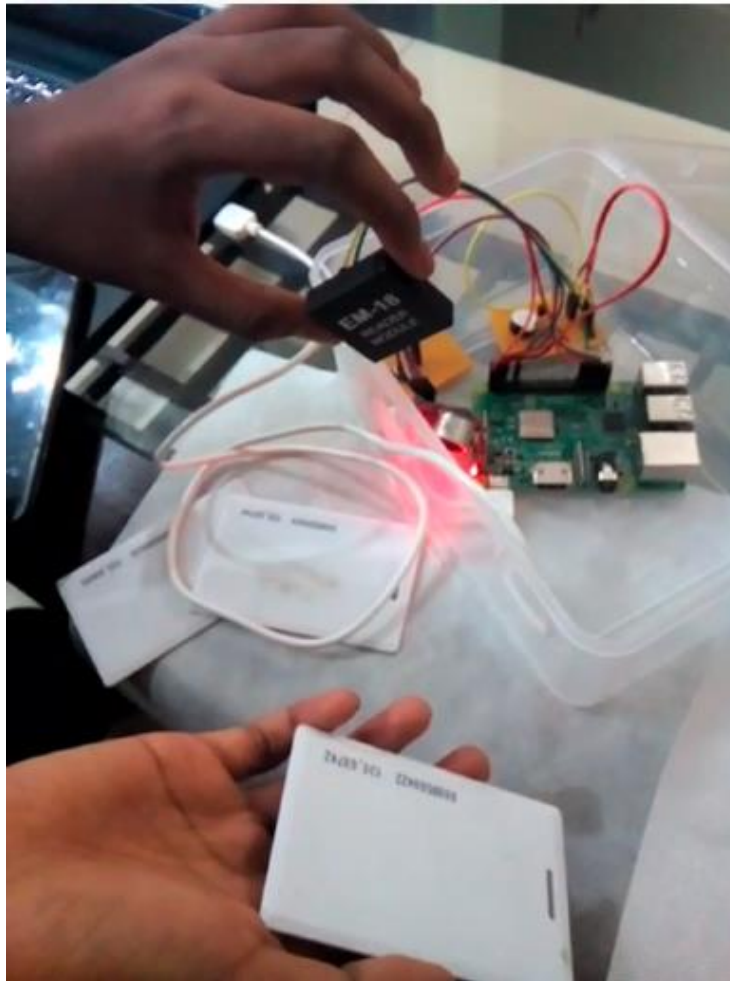
FOOL PROOF CENTRALIZED VOTING MACHINE



INAE AWARD



Smart Kitchen with inventory managing and monitoring using IoT (IEEE Student Project Funding)



Smart bag