Department of Electronics & Communication Engineering

Report on Technical talk

Name of the Event: Technical talk on **"Robotics and IoT"**

Date & Time: **11.10.2021 & 2:00 PM to 4.30 PM**

Venue: Edusat Hall

No. of Participants: 45 students ECE students & 5 Staffs

Resource Person: Mr.Sachin Jayadevaiah, Managing Director
Aspire Business Solutions Pvt .Ltd. Tumkur

The technical talk on "ROBOTICS and IoT" was delivered by Mr.Sachin Jayadevaiah, Managing Director, Aspire Business Solutions Pvt .Ltd. Tumkur. Initially session started with the introduction about Robotics and its relationship with IoT. For students it will be interesting and easy to build the models and it can be linked to IoT. The session taught about the concept of Robotics, its demand for Teaching science, technology engineering and STEM. Robotics is a branch of Engineering that involves the concept, design, manufacture and operation. It can be related to IoT. IoT has the ability for things that contain embedded technologies to sense, communicate, interact and collaborate with other things, thus creating a network of physical objects.

The speaker gave the information about recent technologies in the industry and it has been increased enormously in the ration 1:2 means one human: Two IoT devices. The speaker also gave the information about Integration of IoT with Industrial Robots. Integration of IoT with industrial robots is called The Internet of Robotic Things (IoRT). It is estimated that the IoRT market will be worth over $20 billion by 2022. Integration of IoT with industrial robots will help users worldwide in continuously measuring the performance of the robot with respect to each cycle, and continuously monitoring he components. A smart system/device can also be used to monitor the status of the robot and report as needed. With IoT, the robot by itself may be intelligent; it can collect all data and certain values from each of its sensors and either store or transmit live data that is acquired. Apart from industrial robots, IoT can be used in robots that require remote sensing and detection. Finally, the session concluded with showing some Real time examples videos to students.

PRINCIPAL
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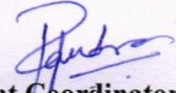TUMKUR - 572106

ECE students listening to technical talk

Student giving vote of thanks to the resource person

Sri Shridevi Charitable Trust (R.)
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The list of III year students participated in the technical talk event on 11.10.2021 & 2:00 PM to 4.30 PM.

Technical Talk on " Robotics & IoT"

Venue: Edusat Hall

Sl No	Name of the Student.	USN
1	ANIKET ASHOK NEJE	1SV18EC001
2	ARUN N R	1SV18EC003
3	AKASH DODAMANI	1SV19EC001
4	AKHILESH YADAV	1SV19EC002
5	ARBIYA SULTANA	1SV19EC003
6	BHAVANA U	1SV19EC005
7	BHOOMIKA D	1SV19EC006
8	CHANDAN M U	1SV19EC007
9	CRISPINA VIOLET P	1SV19EC008
10	DARSHAN M MANCHIKOPPAD	1SV19EC009
11	DIVYA POL	1SV19EC010
12	GAGANA V	1SV19EC011
13	GOWRAMMA S	1SV19EC012
14	HARSHITHA M	1SV19EC013
15	K S SANTHOSH	1SV19EC014
16	K SANJAY	1SV19EC015
17	LOKESHWARI KOTI B S	1SV19EC016
18	MEGHANA R	1SV19EC017
19	MUSKAN ZAHID	1SV19EC018
20	NALINA D K	1SV19EC019
21	PREETHIKA A S	1SV19EC021
22	PRIYADARSHINI M	1SV19EC022
23	REHAMAN KHAN H K	1SV19EC023
24	S KARTHIK	1SV19EC024
25	SAHIL SALAM	1SV19EC025

Event Coordinator
(Prof.Raghavendra .D)

The list of II year students participated in the technical talk event on 11.10.2021 & 2:00 PM to 4.30 PM.

Technical Talk on " Robotics & IoT"

Venue: Edusat Hall

Sl No	Name of the Student	USN
1	ABHISHEK B	1SV20EC001
2	ANJANA A	1SV20EC002
3	BHUMIKA S	1SV20EC003
4	CHITRASHREE H K	1SV20EC004
5	DARSHAN M R	1SV20EC005
6	GAGANASHREE H K	1SV20EC006
7	HARSHITH M J	1SV20EC007
8	HARSHITHA S	1SV20EC008
9	IMTIYAZ PASHA	1SV20EC009
10	MEGHANA N G	1SV20EC010
11	MUKTHA H K	1SV20EC011
12	NAGARAJ	1SV20EC012
13	PRATHIKSHA R	1SV20EC013
14	R M SUCHITRA	1SV20EC014
15	RACHANA N	1SV20EC015
16	S PAVITHRA	1SV20EC016
17	SHOBHA HUGAR	1SV20EC017
18	YASHAS K R	1SV20EC018
19	HARSHITHA	1SV20EC019
20	MANOJ M R	1SV21EC400

Event Coordinator
(Prof.Raghavendra .D)