
3-days "Sensor Guided Robotics - Hands-on Training" program - Inauguration invitation - reg

1 message

HOD EEE <hodee@svce.ac.in>

Thu, Mar 17, 2022 at 2:11 AM

To: Principal SVCE <principal@svce.ac.in>, svcefaculty <svcefaculty@svce.ac.in>

Dear Sir/Madam,

On behalf of the Association of Electrical and Electronics Engineers (AEEE), Department of Electrical and Electronics Engineering and Institution of Engineers (India), we are pleased to invite you all for the inauguration of 3-days "Sensor Guided Robotics - Hands-on Training" program on 18/03/2022 (Friday), 9.30 AM at Function Hall.

A copy of the brochure and agenda is attached herewith. All are cordially invited.

Thanks & Regards,

Dr.KR.Santha,
Vice Principal & HOD/EE
SVCE

2 attachments



Robotics training program - brochure.png
921K



Robotics training program - agenda.pdf
323K

**ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS
&
INSTITUTION OF ENGINEERS (INDIA)**

PRESENTS

SENSOR GUIDED ROBOTICS

HANDS-ON TRAINING

CONVENOR

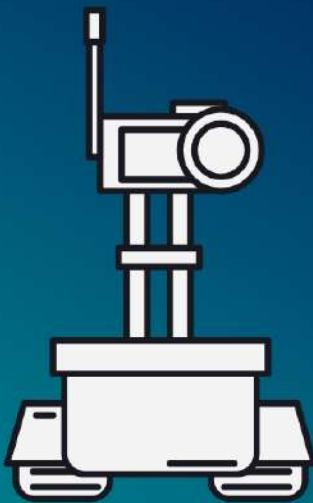
Dr.KR.Santha, Vice Principal, HOD/EEE

FACULTY CO-ORDINATORS

Dr.Sudhakar K Bharatan, Professor
Dr.S G.Bharathidasan, Asso. Professor
Dr.S.Kumaravel, Asso. Professor
Dr.M.Sankar, Asst. Professor
Department of EEE

STUDENT CO-ORDINATORS

Mr.Adithyan M, General Secretary AEEE
Mr.Hemanth T, Joint Secretary AEEE



**18,19,21
MARCH 2022**



SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

21/3/2022

REPORT ON
3-DAYS "SENSOR GUIDED ROBOTICS - HANDS-ON TRAINING"

The 3-days “Sensor Guided Robotics – Hands-on Training” program was organized by the Association of Electrical and Electronics Engineers (AEEE), Department of Electrical and Electronics Engineering in association with The Institution of Engineers India (IEI) from 19/3/2022 to 21/3/2022 for the II year EEE students.

The inauguration of the training program was held on 19/3/2022 in the Function Hall of the college premises from 9.30 AM to 10.00 AM. Dr.KR.Santha, Vice-Principal, Professor and HOD/EEE lighted the Kuthuvilakku and presented the inaugural address with more emphasis on robotic sensors, signal conditioning circuits, controllers, actuators and applications of robotics in medical field. Dr.Sudhakar K B, Professor/EEE motivated the students to apply the learnt concepts in robotics training program for real-time problem solutions.

In the first day training, introduction to Arduino, raspberry pi, NodeMCU, classification of sensors, Gyro sensor, Micro gear motor, Motor driver circuit, Hands-on interfacing sensors with Arduino and related coding session was completed. The students experientially learnt to develop sensor interfacing with controllers.

In the second day training, introduction to Infrared sensor & DC motor drives, Line Following Robot – briefing & Hands-on session was completed. The students were trained to develop ‘line following robots’.





In the third day of the training program, Mr.B.Saravanan, Founder Director, BrixEn Hitech Pvt Ltd, Chennai, presented a guest lecture on the topic “Industrial applications of Robots and Autonomous Mobile Robots (AMRs)”. Followed by the guest lecture, Mr.V.Mohanraj AP/EEE presented a introductory session on Firebird-V Robot. In the AN session, students were trained to develop Obstacle Avoiding Robot.



The 3-days training session ended with motivating the students to take a problem statement in the Robotics and Drones domain and submit the solution in terms of real-time implementation before the jury for evaluation.

K.R. Sarth
HOD/EEE

PARTICIPANTS NAME LIST:

The 3-days "Sensor Guided Robotics – Hands-on Training 19/3/2022 to 21/3/2022

S.No	NAME	19.03.22	20.03.22	21.03.22
1	AARTHI G	/	/	/
2	ABHISHEK N	/	/	/
3	AKASH PRBHAGAR G R	/	/	/
4	ANANYA A	/	/	/
5	ARAVIN TAKSHAN K K	/	/	/
6	BARATH S N	/	/	/
7	CHANDIRAPRIYAN K	/	/	/
8	DAIWIK DUTTA	/	/	/
9	DEEPAKRAJ N R	/	/	/
10	DEEPIKA DHAVAMOORTHY	/	/	/
11	DHARMEEGAN K	/	/	/
12	DHARUN PRASANTH G	/	/	/
13	DINESH C	/	/	/
14	DIVYA R	/	/	/
15	EPSIYA I	/	/	/
16	GIRI RAAJ A V	/	/	/
17	GOKUL N	/	/	/
18	HARI ASHWIN S	/	/	/
19	HARISH RAM G	/	/	/
20	HARISH S	/	/	/
21	HEMARUPHAN S	/	/	/
22	INFANT VIMAL M	/	/	/
23	JAIGANESH B	/	/	/
24	KALANCHIYAM M	/	/	/
25	KANISHKHA G T	/	/	/
26	KAVIBHARATHI S	/	/	/
27	KAVINAYA SREE T	/	/	/
28	KEERTHISVAR S	/	/	/
29	MADHAN RAAJ P	/	/	/
30	MALA ALICE ISHWARYA S	/	/	/
31	MANOCHANDAR C	/	/	/
32	MANOJ M	/	/	/
33	MANUSH K R	/	/	/
34	MEYYAPPAN SP	/	/	/
35	MOHAMED NOWFUL A	/	/	/
36	MOHANA KRISHNAN K	/	/	/

S.No	NAME	19.03.22	20.03.22	21.03.22
37	MUGUNTH KRISHNA P	/	/	/
38	NAVEENKUMAR E	/	/	/
39	NAWRAS AHAMED N	/	/	/
40	BARATH RAJ R	/	/	/
41	GOWTHAM B	/	/	/
42	HAREIS V	/	/	/
43	HELSON BOBY J	/	/	/
44	KABILAN P	/	/	/
45	NESON RAJ S	/	/	/
46	PRATHEEP S	/	/	/
47	RAGUL K K	/	/	/
48	RAHUL E	/	/	/
49	RAKSHAYA KAMINI VASUTHA K	/	/	/
50	RAMYA R	/	/	/
51	RATHISHKUMAR R	/	/	/
52	ROSHAN RAM K	/	/	/
53	SAKTHIUMA S	/	/	/
54	SANJANA SURESHKUMAR	/	/	/
55	SANTHOSHKUMAR S	/	/	/
56	SARAVANAKUMAR N	/	/	/
57	SHABHARI S	/	/	/
58	SHAKTHIVEL S	/	/	/
59	SHRI VARSHAN S	/	/	/
60	SINDHUJA M	/	/	/
61	SIVA KUMAR S	/	/	/
62	SOURISH S	/	/	/
63	SREE HARRISSH P	/	/	/
64	SREENIDHI R	/	/	/
65	SRINIDHI K	/	/	/
66	SRINIKESH G	/	/	/
67	SRINIVAS RAGHUL M	/	/	/
68	SRINIVASAN V	/	/	/
69	SRIRANGA ABHIRAM G	/	/	/
70	SUBANI SHREE G	/	/	/
71	SURESH B	/	/	/
72	SURUTHIGHA S K	/	/	/

S.No	NAME	19.03.22	20.03.22	21.03.22
73	SWETHA A	/	/	/
74	THARUN BALAJI G	/	/	/
75	THIRUVENGADAM S	/	/	/
76	UPILLIKANNAN S B	/	/	/
77	VARUN KUMAR M	/	/	/
78	VASANTH A	/	/	/
79	VASANTH B	/	/	/
80	VISALAKSHI P	/	/	/
81	VISHNUPRIYA K	/	/	/
82	VISWASREE S	/	/	/
83	YOGARAJ V	/	/	/
84	RAM PRAKASH N	/	/	/
85	SARAVANAPRIYAN M	/	/	/
86	SHANMUGA VELAN M	/	/	/
87	SHIVASRUTH S	/	/	/
88	TAMILSELVAN E	/	/	/
89	ADARSH K	/	/	/
90	AJAY ROHITH G	/	/	/
91	ANIRUDHH S	/	/	/
92	ARAVIND S	/	/	/
93	ARUN S	/	/	/
94	ARUN PRASATH N	/	/	/
95	ASHWANTRAM T	/	/	/
96	ASHWIN K	/	/	/
97	ASHWIN KUMAR B	/	/	/

K.R. Paul

HOD/EEE