

Date: 5/07/2020

To

The Head,

Department of Electronics Engineering

AVCOE, Sangamner.

Subject: Permission to conduct curricular/co-curricular activity in the department of Electronics Engineering.

Respected Madam,

Department of Electronics Engineering has planned to conduct a curricular/co-curricular activity in association with IEEE Circuits and System Society(CASS) Students Branch chapter.

Proposed Date of Event: 05/10/2020 To 10/10/2020

Type of Event: **Workshop**

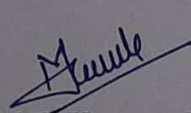
Title/Topic: **Fundamentals Of IOT**

Resource Persons: **Er.Dighe S.B.**

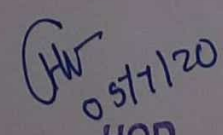
So kindly give a permission to organize the event.

Thanking You,

Yours faithfully


Er. M.T. Kanawade

IEEE Coordinator


HOD
Dept of Electronics Engg
AVCOE Sangamner

To,
Er. Dighe S.B.
Assistant Professor, Electronics Engg Dept
AVCOE, Sangamner

Subject-Invitation as resource person for Guest Lecture on "Fundamentals of IOT"

Dear , Er Dighe S.B.

Greetings.....!!!!

Ma'am, we are planning to conduct guest lecture on "Fundamentals of IOT" on 05/10/2020 to 10/10/2020 for TE students in association with IEEE Circuits and System Society (CASS) Students Branch chapter. The primary aim of arranging such sessions is to create interest among the students about Fundamentals of IOT.

Being one of the experts in Fundamentals of IOT, we will be grateful to you if you share your knowledge and experience with our students. Your contribution will be instrumental in keeping the pace with industry requirements and career paths of our students.

I hereby request you to accept our invitation. Kindly accept our invitation.

Looking forward to your kind acceptance.

Thanks

(Hr 2/10/20)
Dr. S.S. Gundal
H.O.D.,
Electronics Engineering

HOD
Dept of Electronics Engg
AVCOE Sangamner

*Received
Dighe*

Date: 15/10/2021

To,
The Principal,
AVCOE, Sangamner

Subject: Report of "Fundamentals of IOT"

Respected Sir,

Electronics Department conducted One Week Workshop on "Fundamentals of IOT" for Third Year students of Electronics Engineering during 5th to 10th October 2021. It is organized by Electronics Department. We are herewith submitting the report for the same.

Name of Resource Person : Er. Dighe S.B.
Faculty, Electronics Engineering Dept.

Subject : Fundamentals of IOT.

Targeted students : TE students of Electronics Engineering.

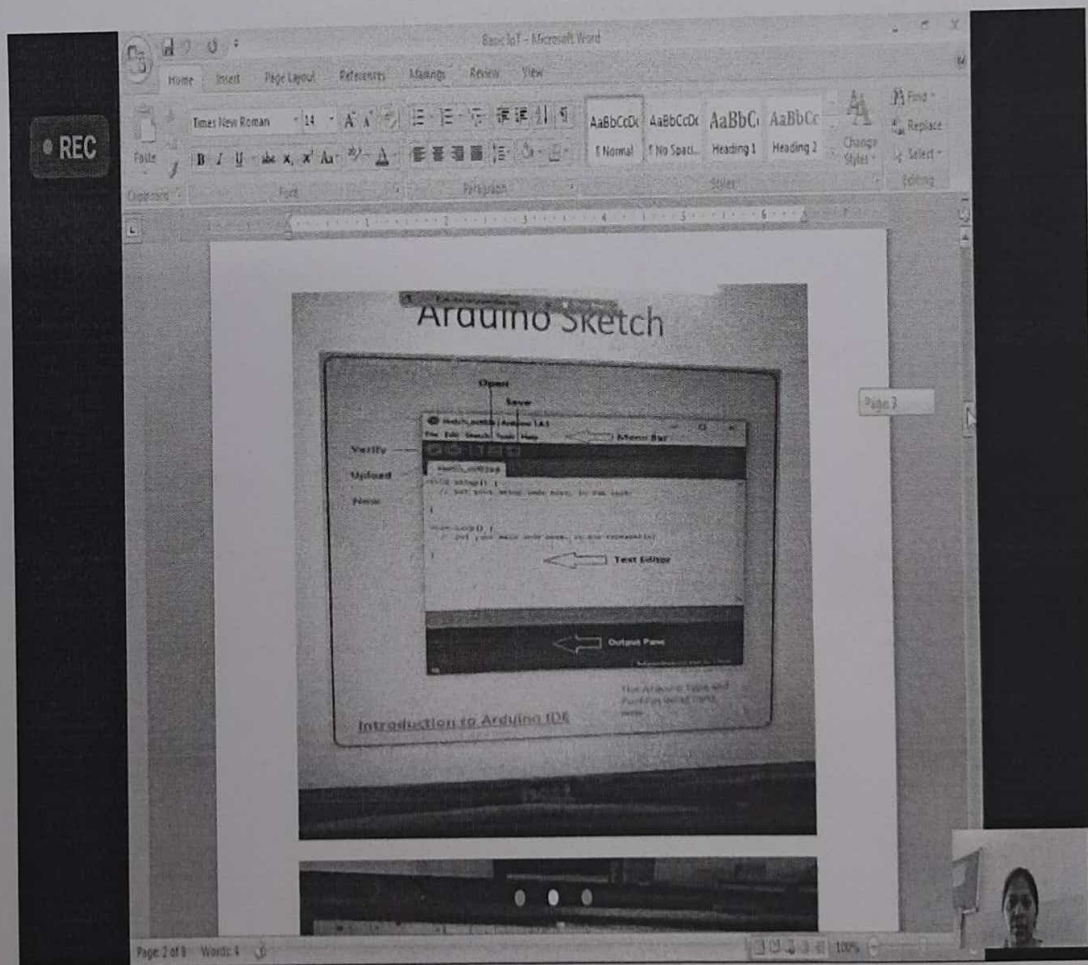
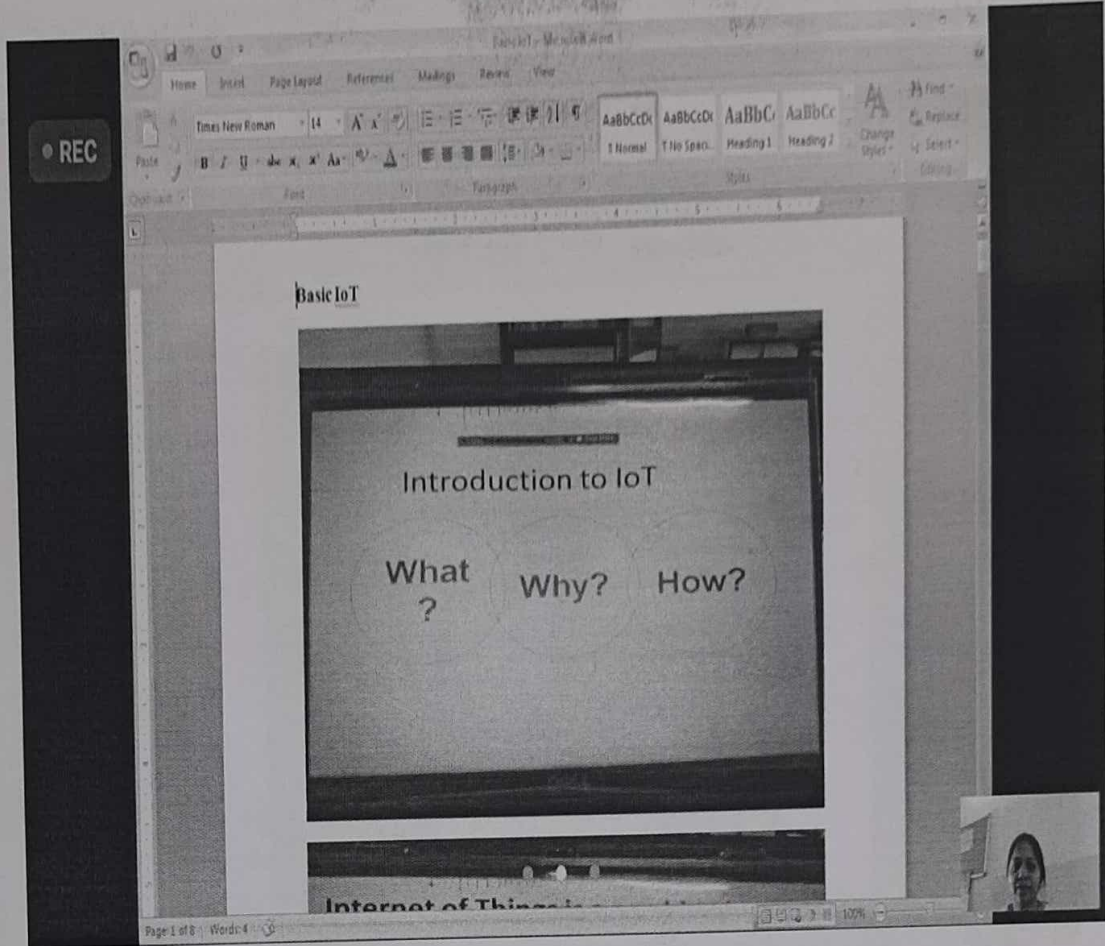
Number of Students : 51

This is for your kind information

Thanking you


(Dr. S. S. Gundal)
Head of Department
HOD
Dept of Electronics Engg
AVCOE Sangamner

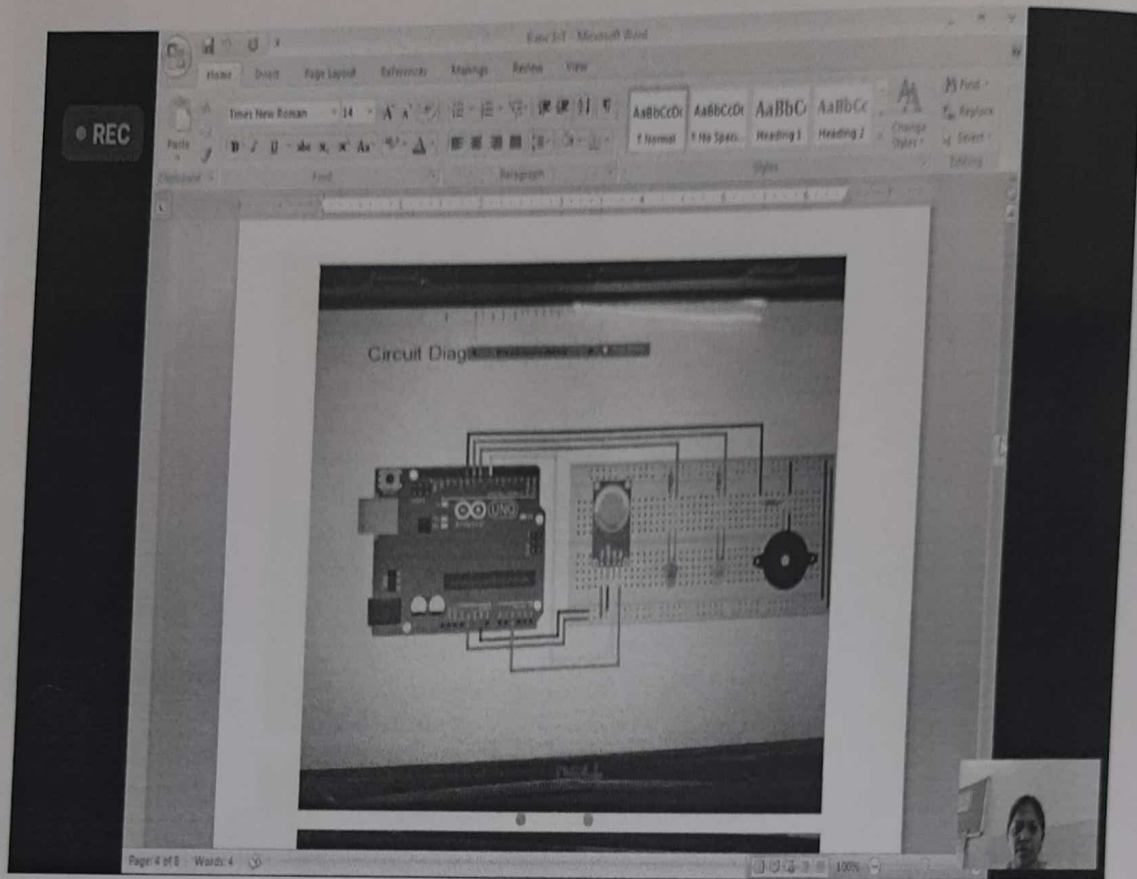
17/10/20



[Signature]

HOD

Dept of Electronics Engg
AVCOE Sangamner



Amrutvahini College of Engineering, Sangamner

Department of Electronics Engineering

Internet of Things (IoT)

Objectives:

1. Understand the definition and significance of the Internet of Things
2. Discuss the architecture, operation, and business benefits of an IoT solution
3. Examine the potential business opportunities that IoT can uncover
4. Explore the relationship between IoT, cloud computing, and big data
5. Identify how IoT differs from traditional data collection systems

Outcomes:

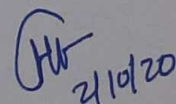
At the end of the course, a student will be able to:

1. Understand the application areas of IOT
2. Realize the revolution of Internet in Mobile Devices, Cloud & Sensor Networks
3. Understand building blocks of Internet of Things and characteristics.
4. Explored to the interconnection and integration of the physical world and the cyber space.
5. To design & develop some IOT based prototypes.



Er. S. B. Dighe

Course Coordinator



Dr. S.S. Gundal

H.O.D.

HOD

Dept of Electronics Engg
AVCOE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

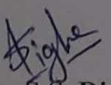
Workshop on Fundamentals of IOT

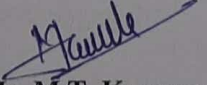
Class – TE

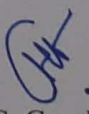
Date: 10/10/2020

Sr. No.	Roll No.	Name of the Student
1.	2	Andhale Megha Ravsaheb
2.	3	Bagwan Mariya Asif
3.	5	Bhabad Sanket Vilas
4.	6	Bhalerao Kshitija Sakhamam
5.	7	Bhangare Monali Madhukar
6.	8	Bidve Kranti Bhimraj
7.	10	Chothave Rohit Ramdas
8.	11	Choudhari Krunal Radhakisan
9.	12	Deshmukh Vishakha Chandrkant
10.	13	Deshmukh Jyotsna Anil
11.	15	Farooqui Talha Majid
12.	16	Ghuge Avishka Sadashiv
13.	18	Ghule Priti Bhausaheb
14.	20	Godase Dipika Kailas
15.	22	Gosavi Manisha Somnath
16.	23	Gunjal Adesh Digambar
17.	24	Hase Supriya Rajendra
18.	26	Jaybhave Sangita Bhausaheb
19.	27	Jorvekar Manoj Arun
20.	28	Kadnar Sagar Sakhamam
21.	30	Kanawade Abhishek Ashok
22.	31	Kanawade Akshada Anil
23.	33	Kangane Reshma Anil
24.	34	Kankate Punam Sanjay
25.	37	Khemnar Kanchan Ashok

26.	39	Kolhe Nikita Vijay
27.	40	Kshirsagar Pranali Balasaheb
28.	41	Landge Meghana Madhav
29.	42	Meher Aakanksha Tulshiram
30.	44	Naikwadi Ganesh Baban
31.	45	Narkhade Dnyanadeo Sanjay
32.	46	Navale Neha Ramesh
33.	47	Navale Puja Bhausahab
34.	48	Nawale Saurabh Sunil
35.	49	Nawale Surabhi Madhukar
36.	50	Nehe Pooja Ramnath
37.	54	Rahane Chitralkha Sanjay
38.	55	Rahane Vaishnavi Sampat
39.	56	Rane Karan Girish
40.	57	Ranode Sarika Namdev
41.	58	Raut Shraddha Rajendra
42.	59	Sahane Dhanashri Sunil
43.	63	Sangale Suvarna Bhausahab
44.	64	Sangle Pallavi Shashikant
45.	65	Satpute Akash Kailas
46.	67	Shelke Lokesh Prabhakar
47.	68	Shelke Sagar Bhausahab
48.	72	Shinde Sopan Devram
49.	74	Varpe Aishwarya Navnath
50.	76	Waghmare Dipali Dattatray
51.	78	Zinjurde Shubham Nanasaheb


Er. S.S. Dighe
Coordinator


Ms. M.T. Kanawade
IEEE Coordinator

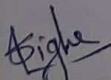

Dr. S.S. Gundal
H.O.D
HOD
Dept of Electronics Engg
AAOE Sangamner

Class – TE

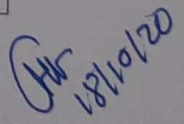
Date: 05/10/2020

Sr. No.	Roll No.	Name of the Student
1.	3	Bagwan Mariya Asif
2.	5	Bhabad Sanket Vilas
3.	6	Bhalerao Kshitija Sakhamam
4.	7	Bhangare Monali Madhukar
5.	8	Bidve Kranti Bhimraj
6.	11	Choudhari Krunal Radhakisan
7.	12	Deshmukh Vishakha Chandrkant
8.	13	Deshmukh Jyotsna Anil
9.	15	Farooqui Talha Majid
10.	16	Ghuge Avishka Sadashiv
11.	18	Ghule Priti Bhausaheb
12.	20	Godase Dipika Kailas
13.	22	Gosavi Manisha Somnath
14.	23	Gunjal Adesh Digambar
15.	24	Hase Supriya Rajendra
16.	26	Jaybhave Sangita Bhausaheb
17.	27	Jorvekar Manoj Arun
18.	28	Kadnar Sagar Sakhamam
19.	30	Kanawade Abhishek Ashok
20.	31	Kanawade Akshada Anil
21.	33	Kangane Reshma Anil
22.	34	Kankate Punam Sanjay
23.	37	Khemnar Kanchan Ashok
24.	39	Kolhe Nikita Vijay
25.	40	Kshirsagar Pranali Balasaheb

26.	41	Landge Meghana Madhav
27.	42	Meher Aakanksha Tulshiram
28.	44	Naikwadi Ganesh Baban
29.	45	Narkhade Dnyanadeo Sanjay
30.	46	Navale Neha Ramesh
31.	47	Navale Puja Bhausaheb
32.	48	Nawale Saurabh Sunil
33.	49	Nawale Surabhi Madhukar
34.	50	Nehe Pooja Ramnath
35.	54	Rahane Chitralekha Sanjay
36.	55	Rahane Vaishnavi Sampat
37.	56	Rane Karan Girish
38.	57	Ranode Sarika Namdev
39.	58	Raut Shraddha Rajendra
40.	59	Sahane Dhanashri Sunil
41.	63	Sangale Suvarna Bhausaheb
42.	64	Sangle Pallavi Shashikant
43.	65	Satpute Akash Kailas
44.	67	Shelke Lokesh Prabhakar
45.	68	Shelke Sagar Bhausaheb
46.	72	Shinde Sopan Devram
47.	74	Varpe Aishwarya Navnath
48.	76	Waghmare Dipali Dattatray
49.	78	Zinjurde Shubham Nanasaheb


Er. S. S. Dighe
Coordinator


Ms. M.T. Kanawade
IEEE Coordinator


Dr. S.S. Gundal
H.O.D
HOD
Dept of Electronics Engg
AVCOE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

Workshop on Fundamentals of IOT

Class – TE

Date: 06/10/2020

Sr. No.	Roll No.	Name of the Student
1.	2	Andhale Megha Ravsaheb
2.	3	Bagwan Mariya Asif
3.	5	Bhabad Sanket Vilas
4.	6	Bhalerao Kshitija Sakhamam
5.	7	Bhangare Monali Madhukar
6.	8	Bidve Kranti Bhimraj
7.	10	Chothave Rohit Ramdas
8.	11	Choudhari Krunal Radhakisan
9.	12	Deshmukh Vishakha Chandrkant
10.	13	Deshmukh Jyotsna Anil
11.	15	Farooqui Talha Majid
12.	16	Ghuge Avishka Sadashiv
13.	18	Ghule Priti Bhausaheb
14.	20	Godase Dipika Kailas
15.	22	Gosavi Manisha Somnath
16.	23	Gunjal Adesh Digambar
17.	26	Jaybhaye Sangita Bhausaheb
18.	27	Jorvekar Manoj Arun
19.	28	Kadnar Sagar Sakhamam
20.	30	Kanawade Abhishek Ashok
21.	31	Kanawade Akshada Anil
22.	34	Kankate Punam Sanjay
23.	37	Khemnar Kanchan Ashok
24.	39	Kolhe Nikita Vijay
25.	40	Kshirsagar Pranali Balasaheb

26	21	Vaidya Vinayak Vinayak
27	22	Vidya Vinayak Vinayak
28	23	Vidya Vinayak Vinayak
29	24	Vidya Vinayak Vinayak
30	25	Vidya Vinayak Vinayak
31	26	Vidya Vinayak Vinayak
32	27	Vidya Vinayak Vinayak
33	28	Vidya Vinayak Vinayak
34	29	Vidya Vinayak Vinayak
35	30	Vidya Vinayak Vinayak
36	31	Vidya Vinayak Vinayak
37	32	Vidya Vinayak Vinayak
38	33	Vidya Vinayak Vinayak
39	34	Vidya Vinayak Vinayak
40	35	Vidya Vinayak Vinayak
41	36	Vidya Vinayak Vinayak
42	37	Vidya Vinayak Vinayak
43	38	Vidya Vinayak Vinayak
44	39	Vidya Vinayak Vinayak
45	40	Vidya Vinayak Vinayak
46	41	Vidya Vinayak Vinayak
47	42	Vidya Vinayak Vinayak
48	43	Vidya Vinayak Vinayak
49	44	Vidya Vinayak Vinayak
50	45	Vidya Vinayak Vinayak
51	46	Vidya Vinayak Vinayak
52	47	Vidya Vinayak Vinayak
53	48	Vidya Vinayak Vinayak
54	49	Vidya Vinayak Vinayak
55	50	Vidya Vinayak Vinayak
56	51	Vidya Vinayak Vinayak
57	52	Vidya Vinayak Vinayak
58	53	Vidya Vinayak Vinayak
59	54	Vidya Vinayak Vinayak
60	55	Vidya Vinayak Vinayak
61	56	Vidya Vinayak Vinayak
62	57	Vidya Vinayak Vinayak
63	58	Vidya Vinayak Vinayak
64	59	Vidya Vinayak Vinayak
65	60	Vidya Vinayak Vinayak
66	61	Vidya Vinayak Vinayak
67	62	Vidya Vinayak Vinayak
68	63	Vidya Vinayak Vinayak
69	64	Vidya Vinayak Vinayak
70	65	Vidya Vinayak Vinayak
71	66	Vidya Vinayak Vinayak
72	67	Vidya Vinayak Vinayak
73	68	Vidya Vinayak Vinayak
74	69	Vidya Vinayak Vinayak
75	70	Vidya Vinayak Vinayak
76	71	Vidya Vinayak Vinayak
77	72	Vidya Vinayak Vinayak
78	73	Vidya Vinayak Vinayak
79	74	Vidya Vinayak Vinayak
80	75	Vidya Vinayak Vinayak
81	76	Vidya Vinayak Vinayak
82	77	Vidya Vinayak Vinayak
83	78	Vidya Vinayak Vinayak
84	79	Vidya Vinayak Vinayak
85	80	Vidya Vinayak Vinayak
86	81	Vidya Vinayak Vinayak
87	82	Vidya Vinayak Vinayak
88	83	Vidya Vinayak Vinayak
89	84	Vidya Vinayak Vinayak
90	85	Vidya Vinayak Vinayak
91	86	Vidya Vinayak Vinayak
92	87	Vidya Vinayak Vinayak
93	88	Vidya Vinayak Vinayak
94	89	Vidya Vinayak Vinayak
95	90	Vidya Vinayak Vinayak
96	91	Vidya Vinayak Vinayak
97	92	Vidya Vinayak Vinayak
98	93	Vidya Vinayak Vinayak
99	94	Vidya Vinayak Vinayak
100	95	Vidya Vinayak Vinayak


Dr. S. S. Dhole
Coordinator


Mr. M. T. Kulkarni
H.R.R. Coordinator


Dr. S. S. Gaudal
H.O.D.
HOD
Dept. of Electronics Engg.
A.C. OE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRONICS ENGINEERING

Attendance Sheet

Workshop on Fundamentals of IOT

Class - TE

Date: 07/10/2020

Sr. No.	Roll No.	Name of the Student
1.	2	Andhale Megha Ravsaheb
2.	3	Bagwan Mariya Asif
3.	5	Bhabad Sanket Vilas
4.	6	Bhalerao Kshitija Sakharam
5.	7	Bhangare Monali Madhukar
6.	8	Bidve Kranti Bhimraj
7.	10	Chothave Rohit Ramdas
8.	11	Choudhari Krunal Radhakisan
9.	12	Deshmukh Vishakha Chandrkant
10.	13	Deshmukh Jyotsna Anil
11.	15	Farooqui Talha Majid
12.	16	Ghuge Avishka Sadashiv
13.	18	Ghule Priti Bhausaheb
14.	20	Godase Dipika Kailas
15.	22	Gosavi Manisha Somnath
16.	23	Gunjal Adesh Digambar
17.	24	Hase Supriya Rajendra
18.	26	Jaybhave Sangita Bhausaheb
19.	27	Jorvekar Manoj Arun
20.	28	Kadnar Sagar Sakharam
21.	30	Kanawade Abhishek Ashok
22.	31	Kanawade Akshada Anil
23.	33	Kangane Reshma Anil
24.	34	Kankate Punam Sanjay
25.	37	Khemnar Kanchan Ashok

26.	39	Kolhe Nikita Vijay
27.	40	Kshirsagar Pranali Balasaheb
28.	41	Landge Meghana Madhav
29.	42	Meher Aakanksha Tulshiram
30.	44	Naikwadi Ganesh Baban
31.	45	Narkhade Dnyanadeo Sanjay
32.	46	Navale Neha Ramesh
33.	48	Nawale Saurabh Sunil
34.	49	Nawale Surabhi Madhukar
35.	50	Nehe Pooja Ramnath
36.	54	Rahane Chitralekha Sanjay
37.	55	Rahane Vaishnavi Sampat
38.	56	Rane Karan Girish
39.	57	Ranode Sarika Namdev
40.	58	Raut Shraddha Rajendra
41.	59	Sahane Dhanashri Sunil
42.	63	Sangale Suvarna Bhausahab
43.	64	Sangle Pallavi Shashikant
44.	65	Satpute Akash Kailas
45.	67	Shelke Lokesh Prabhakar
46.	72	Shinde Sopan Devram
47.	74	Varpe Aishwarya Navnath
48.	76	Waghmare Dipali Dattatray
49.	78	Zinjurde Shubham Nanasaheb

Dighe
Er. S.B. Dighe
Coordinator

M.T. Kanawade
Ms. M.T. Kanawade
IEEE Coordinator

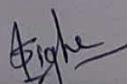
Chak
18/10/20
Dr. S.S. Gundal
H.O.D
HOD
Dept of Electronics Engg
AVTOE Sangamner

Class – TE

Date: 08/10/2020

Sr. No.	Roll No.	Name of the Student
1.	2	Andhale Megha Ravsaheb
2.	3	Bagwan Mariya Asif
3.	5	Bhabad Sanket Vilas
4.	6	Bhalerao Kshitija Sakharam
5.	7	Bhangare Monali Madhukar
6.	8	Bidve Kranti Bhimraj
7.	10	Chothave Rohit Ramdas
8.	11	Choudhari Krunal Radhakisan
9.	12	Deshmukh Vishakha Chandrkant
10.	13	Deshmukh Jyotsna Anil
11.	15	Farooqui Talha Majid
12.	16	Ghuge Avishka Sadashiv
13.	18	Ghule Priti Bhausaheb
14.	20	Godase Dipika Kailas
15.	23	Gunjal Adesh Digambar
16.	24	Hase Supriya Rajendra
17.	27	Jorvekar Manoj Arun
18.	30	Kanawade Abhishek Ashok
19.	31	Kanawade Akshada Anil
20.	33	Kangane Reshma Anil
21.	34	Kankate Punam Sanjay
22.	37	Khemnar Kanchan Ashok
23.	39	Kolhe Nikita Vijay
24.	40	Kshirsagar Pranali Balasaheb
25.	41	Landge Meghana Madhav

26.	42	Meher Aakanksha Tulshiram
27.	44	Naikwadi Ganesh Baban
28.	45	Narkhade Dnyanadeo Sanjay
29.	46	Navale Neha Ramesh
30.	47	Navale Puja Bhausaheb
31.	48	Nawale Saurabh Sunil
32.	49	Nawale Surabhi Madhukar
33.	50	Nehe Pooja Ramnath
34.	54	Rahane Chitralekha Sanjay
35.	55	Rahane Vaishnavi Sampat
36.	56	Rane Karan Girish
37.	57	Ranode Sarika Namdev
38.	58	Raut Shraddha Rajendra
39.	59	Sahane Dhanashri Sunil
40.	63	Sangale Suvarna Bhausaheb
41.	64	Sangle Pallavi Shashikant
42.	65	Satpute Akash Kailas
43.	67	Shelke Lokesh Prabhakar
44.	68	Shelke Sagar Bhausaheb
45.	72	Shinde Sopan Devram
46.	74	Varpe Aishwarya Navnath
47.	76	Waghmare Dipali Dattatray
48.	78	Zinjurde Shubham Nanasaheb


Er. S.S. Dighe
Coordinator


Ms. M.T. Kanawade
IEEE Coordinator


Dr. S.S. Gundal
18/10/20

H.O.D
HOD
Dept of Electronics Engg
AVCOE Sangamner

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER**DEPARTMENT OF ELECTRONICS ENGINEERING****Attendance Sheet****Workshop on Fundamentals of IOT**

Class – TE

Date: 09/10/2020

Sr. No.	Roll No.	Name of the Student
1.	2	Andhale Megha Ravsaheb
2.	5	Bhabad Sanket Vilas
3.	6	Bhalerao Kshitija Sakhamam
4.	7	Bhangare Monali Madhukar
5.	8	Bidve Kranti Bhimraj
6.	10	Chothave Rohit Ramdas
7.	11	Choudhari Krunal Radhakisan
8.	12	Deshmukh Vishakha Chandrkant
9.	13	Deshmukh Jyotsna Anil
10.	18	Ghule Priti Bhausaheb
11.	20	Godase Dipika Kailas
12.	22	Gosavi Manisha Somnath
13.	23	Gunjal Adesh Digambar
14.	24	Hase Supriya Rajendra
15.	26	Jaybhaye Sangita Bhausaheb
16.	27	Jorvekar Manoj Arun
17.	28	Kadnar Sagar Sakhamam
18.	30	Kanawade Abhishek Ashok
19.	31	Kanawade Akshada Anil
20.	33	Kangane Reshma Anil
21.	34	Kankate Punam Sanjay
22.	37	Khemnar Kanchan Ashok
23.	39	Kolhe Nikita Vijay
24.	40	Kshirsagar Pranali Balasaheb
25.	41	Landge Meghana Madhav

26.	39	Kolhe Nikita Vijay
27.	40	Kshirsagar Pranali Balasaheb
28.	41	Landge Meghana Madhav
29.	42	Meher Aakanksha Tulshiram
30.	44	Naikwadi Ganesh Baban
31.	45	Narkhade Dnyanadeo Sanjay
32.	46	Navale Neha Ramesh
33.	47	Navale Puja Bhausahab
34.	48	Nawale Saurabh Sunil
35.	49	Nawale Surabhi Madhukar
36.	50	Nehe Pooja Ramnath
37.	54	Rahane Chitraklekha Sanjay
38.	55	Rahane Vaishnavi Sampat
39.	56	Rane Karan Girish
40.	57	Ranode Sarika Namdev
41.	58	Raut Shraddha Rajendra
42.	59	Sahane Dhanashri Sunil
43.	63	Sangale Suvarna Bhausahab
44.	64	Sangle Pallavi Shashikant
45.	65	Satpute Akash Kailas
46.	67	Shelke Lokesh Prabhakar
47.	68	Shelke Sagar Bhausahab
48.	74	Varpe Aishwarya Navnath
49.	76	Waghmare Dipali Dattatray
50.	78	Zinjurde Shubham Nanasaheb

Dighe
Er. S.B. Dighe
Coordinator

M. T. Kanawade
Ms. M.T. Kanawade
IEEE Coordinator

Gundal
Dr. S.S. Gundal

H.O.D
HOD
Dept of Electronics Engg
AVOE Sangamner

Ref. AE/Elex.Dept/2020-21/

Date 10/04/2021

To,
Er Dighe S.B.
Assistant Professor,electronics engg Dept
AVCOE,Sangamner.

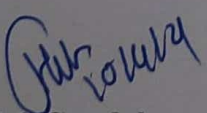
Letter of Appreciation

Dear, Er Dighe S.B.

We are writing this letter to express our gratefulness towards you for taking pains and clearing our students doubts on "Fundamentals of IOT" on date 5th to 10th April 2021 in association with IEEE Circuits and System Society (CASS) Students Branch chapter. We truly appreciate the way you taught our students and made them ready for the future exams. You have done a great favor to our students and we have no words to express our gratitude towards you.

We assure you that your efforts will not go waste and our students will pass out with excellent marks and make you feel proud of them. Once again, thanks for all the help extended to us.

With warm regards


Dr.S.S.Gundal

Head of Department

Electronics Engineering

HOD

Dept of Electronics Engg
AVCOE Sangamner

Received
Dighe