Invitation as a Resource person for invited talk on "Infrastructure for 5G and IOT operation and evolution for ECE students "-Reg

HOD ECE <hod_ece@presidencyuniversity.in>
Wed 20/11/2019 21:47
To: DR. **JONATHAN BREDOW,** Prof-ECE< jbredow@uta.edu.in>,
Cc: **Tirumala Vasu G**-Asst. Prof-ECE <tirumala.vasu@presidencyuniversity.in>

Dear Sir,

Greetings of the Day from Presidency University, Bengaluru!!!

We are very honored to introduce ourselves to you as Department of Electronics and Commination Engineering, School of Engineering, Presidency University, Bengaluru.

We are one of the most renowned Institutes for higher Education in India. Presidency University is a constituent of the Presidency Group of Institutions [PGI], which has and continues to be active for more than a decade and half in higher education.

We are grateful to you for accepting our invitation as a resource person for a invited talks on "Infrastructure for 5G and IOT operation and evolution" on 11th Jan 2020 (Saturday) between 10.00AM to 12.00PM. This event is organized to create the awareness in present technologies of Industry and IoT in Engineering Applications.

As you are one amongst the well-known in the area of your specialization and expertise, we are very sure your deliberation and participation will surely benefit the participants. The target audience will be faculty members of various colleges, research scholars and students. We believe this interaction will continue for long fruitful educational and professional exchanges.

We believe this date will suit you and your acceptance at the earliest is highly appreciated. We look forward to the limitless possibilities of this relationship. With great happiness we are looking forward for your session.

With Kind Regards

Dr. Rajiv Ranjan Singh
SMIEEE, FIE
HoD - Department of ECE
SoE. Presidency University Bengaluru
Karnataka, 560064, INDIA

Re: Invitation as a Resource person for invited talk on "Infrastructure for 5G and IOT operation and evolution for ECE students "-Reg

DR. JONATHAN BREDOW, Prof-ECE< jbredow@uta.edu.in>

Fri 22/11/19 11:40

To: HOD ECE hod_ece@presidencyuniversity.in

Cc: **Tirumala Vasu G**-Asst. Prof-ECE <tirumala.vasu@presidencyuniversity.in>

Dear Sir,

I am happy to receive your invitation and will try to make this an interesting talk for all attendees. The schedule of the webinar is perfect.

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

PU-SOE-ECE 2022-23

REF.NO.PU/ SOE/ ECE /2019-20/CIR/01 08-11-2020

CIRCULAR

Invited talk on "Infrastructure for 5G and IOT operation and evolution"

With reference to the above subject, we are happy to inform you that a webinar and panel discussion on "Infrastructure for 5G and IOT" by the resource person Dr. Jonathan W. Bredow on 11th January 2020 for the students of 2nd Year from 10AM to 12. All faculty members and students of second year are invited.

Date: 11th Januvary 2020
Day: Saturday
Time: 10:00 am to 012:00 pm
Venue: Auditorium

Convener - Dr. Rajiv Ranjan Singh
Faculty Coordinators - Mr.Tirumala Vasu

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Presidency University

Ittagalpura, Rajanukunte, Yelahanka, Bengaluru – 560 064

School of Engineering

Introduction about speaker:

The speaker for this event Dr. Jonathan W. Bredow, Professor chairs Department of Electrical Engineering at University of Texas Arlington. He has a PhD in Electrical Engineering from University of Texas, 1989 and MS in Biomedical Engineering from lowa State University 1980. His RESEARCH INTERESTS are Antennas and antenna systems, RF circuits and systems, wireless sensing.

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

REGISTRAR

PRESIDENCY UNIVERSITY
Registrar
BANGALORE

SCHOOL OF ENGINEERING

Department of Electronics and Communication Engineering

List of Students Attended

Sl. No.	Student Roll No	UID	Name	Attendance
1	20191ECE0171	201910101656	LAKKISETTY SAI CHANDHU	P
2	20191ECE0172	201910101990	LANKA VENKATA SAI CHARAN KUMAR	P
3	20191ECE0173	201910100901	LEBAKA UMAMAHESWARI	P
4	20191ECE0174	201910102037	LEBAKU SRAVAN KUMAR REDDY	P
5	20191ECE0175	201910100812	LIKITHA J K	P
6	20191ECE0177	201910100483	LOHITH ARYAN S	P
7	20191ECE0178	201910100024	M DHEERAJ	P
8	20191ECE0181	201910100732	MADHUSHREE R M	A
9	20191ECE0182	201910102016	MALEY SAI NANDA KISHOR	A
10	20191ECE0183	201910100367	MALLAREDDY V	P
11	20191ECE0184	201910102018	MALLELA VENKATA TEJESH	P
12	20191ECE0185	201910102215	MALLISETTY NITHIN	P
13	20191ECE0186	201910101212	MANGALA MADHU CHARAN	P

Registrar

14	20191ECE0187	201910101883	MANIKANTA RAJ S	P
15	20191ECE0188	201910100839	MANISH S	P
16	20191ECE0190	201910102250	MARRIBOINA GANGADHAR	A
17	20191ECE0191	201910101005	MEKALA DINESH	P
18	20191ECE0192	201910102059	MERAM PRASAD	P
19	20191ECE0193	201910101506	MERUVA VENKATA PHANI KOMAL	P
20	20191ECE0194	201910100241	MIHIR MISHRA	P
21	20191ECE0195	201910100139	MOHAMMED NABEEL SIDDIQUE	P
22	20191ECE0196	201910101072	MOHAMMED NOORUDDIN	P
23	20191ECE0197	201910101896	MOHAMMED SAMEER	P
24	20191ECE0198	201910100521	MOHAMMED TANSEER	P
25	20191ECE0199	201910100415	MONESH TRILOCHAN P	A
26	20191ECE0200	201910100534	MRUNALINI RAJENDRA NADIGER	A
27	20191ECE0201	201910102171	MUDIMELA VENKATA LOKESH	A
28	20191ECE0202	201910101373	MUMMIREDDYGARI PAVAN KUMAR REDDY	P
29	20191ECE0203	201910102177	MURALI R	P
30	20191ECE0204	201910101961	MURE YASWANTH REDDY	P
31	20191ECE0205	201910100762	MUSKAN SINGH	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

32	20191ECE0206	201910100645	MUSSARATH ARA M	P
33	20191ECE0207	201910101622	NADENDLA AKHIL KUMAR	P
34	20191ECE0208	201910101522	NAGARURU VENKATA AKASH	P
35	20191ECE0209	201910102067	NALLAGATLA SRAVAN KUMAR REDDY	P
36	20191ECE0210	201910101451	NAMATEERTHAM SAGAR RAFI	P
37	20191ECE0211	201910100447	NEHA K R	P
38	20191ECE0212	201910102042	NIDHI S M	P
39	20191ECE0213	201910102253	NIHARIKA C L	P
40	20191ECE0214	201910100847	NIHARIKA N	P
41	20191ECE0215	201910100254	NIKITHA V B	P
42	20191ECE0216	201910100601	NIRANJAN L	P
43	20191ECE0217	201910100455	NIRUPAMA C	P
44	20191ECE0218	201910101993	NISHA YADAV	A
45	20191ECE0219	201910100766	NITHYA REDDY T N	P
46	20191ECE0220	201910100514	NIVEDITHA Y R	A
47	20191ECE0221	201910100231	NOOR E SANIYA	P
48	20191ECE0222	201910101735	NUKALA HARSHA SAI TEJA	P
49	20191ECE0223	201910102236	NUNNA MAHENDRA	P
50	20191ECE0224	201910102142	NUTHETI CHARAN KUMAR	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

51	20191ECE0225	201910100523	P N RIDU VARSHINI	P
52	20191ECE0399	201910100157	DINESH N	P
53	20191ECE0400	201910101113	MAGHAM AJAY KUMAR	P
54	20191ECE0401	201910100276	HARSHA M BHONSLE	P
55	20191ECE9008	201810101781	THOMAS KEVIN S	A
56	20201LEC0006	201911100144	AISHWARYA K	A
57	20181ECE0191	201810101483	E MOHITH	A
58	20191ECE0338	201910101667	THUGUTLA VENU GOPAL REDDY	P
59	20191ECE0339	201910100162	UDAY A	P
60	20191ECE0340	201910100760	UDAY GOWDA N B	P
61	20191ECE0341	201910100246	UMME HANIFA	P
62	20191ECE0342	201910101698	V VAMSHI KRISHNA	P
63	20191ECE0343	201910100922	VAKA SREE GANESH	P
64	20191ECE0344	201910102084	VALLAMKONDA AAKASH	P
65	20191ECE0345	201910100851	VAMSHI J V S	P
66	20191ECE0346	201910100161	VAMSHI P M	P
67	20191ECE0347	201910102230	VANAMALA HARSHA VARDHAN	P
68	20191ECE0348	201910101831	VARSHA G N	P
69	20191ECE0349	201910100670	VARUN A S	P
70	20191ECE0351	201910100674	VARUN SEHRAWAT	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

71	20191ECE0352	201910102040	VEDA BHARATH NAIK MUDE	P
72	20191ECE0353	201910101452	VELPULA GIRIDHAR YADAV	P
73	20191ECE0354	201910100185	VENKATASATHYASAIKIRAN N	P
74	20191ECE0355	201910100176	VINAY KUMAR S	P
75	20191ECE0356	201910100313	VINIT KHADAKABHAVI	P
76	20191ECE0357	201910100698	VINOD S BIRADAR	P
77	20191ECE0358	201910100632	VISHAL KARADI	P
78	20191ECE0359	201910101948	VISHAL V M	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

The program was graced by the presence of the Pro-Vice Chancellor Dr. M. Ishwara Bhat, Dr. C Prabhakar Reddy, (Dean School of Engineering), Dr. C S Ramesh Dean(Research and Innovation),Dr. Shilpa Mehta (HOD ECE Department), Professor Rajiv Ranjan Singh and teaching staff of Presidency University Bangalore. The talk focused on the smart perspectives of IoT and 5G Communication. The talk started with the basic Concepts like Topology of IOT and 5G networks, communications and powering considerations, the gateways and protocols used along with their applications.

IoT integrates different technologies and has a non-negligible impact on a variety of applications in different fields. With such capabilities, IoT has also opened interesting research opportunities in practically relevant fields such as healthcare, smart environments, smart cities, vehicle to vehicle communication and manufacturing. The current demand in manufacturing Industry, Database access, Virtual Reality and machine-human interaction has resulted in a variety of communication technologies with diverse service requirements to achieve the modern IoT vision. Various applications of IoT were introduced to students helping them to understand what technology demands in future. The advances in IOT and 5G, 5G versus other IOT connectivity options and how there has been a vast increase in capability achieved with the cellular infrastructure were discussed. The students were also told about the technical challenges which are to be addressed in developing such an infrastructure and the four technical advancements in 4G/ 5G which have been done. They were also introduced to the concept of backhaul, Beamformer which could be used to enhance system performance and to avoid fading how one can use multiple subcarriers rather than one carrier (OFDM). The talk concluded with the 5G future and implications for IoT and what are the technologies/ techniques/ infrastructure are supporting the advance in cellular communication and how it is going to impact on the performance.

Event Coordinator:
Mr. Tirumala Vasu

HoD ECE
Dr. Rajiv Ranjan Singh

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Invitation as a Resource person for a live online webinar on "Antilock Brake System - A Vehicle Safety Technology" -Reg

HOD ECE <hod_ece@presidencyuniversity.in>
Sat 20/02/2021 21:47
To: vijay.kl@bosch.de< vijay.kl@bosch.de >
Cc: **Tirumala Vasu G**-Asst. Prof-EEE <tirumala.vasu@presidencyuniversity.in>

Dear Sir,

Greetings of the Day from Presidency University, Bengaluru!!!

Presidency University is a constituent of the Presidency Group of Institutions [PGI], which has and continues to be active for more than a decade and half in higher education.

We are happy invite you as our resource person for the live online webinar on "Antilock Brake System - A Vehicle Safety Technology" on 13th March 2021 as a part of annual series of events conducted by the department of Electronics & Communication Engineering, Presidency University, Bengaluru. This event is organized to facilitate research activities on recent socio-technical advancements in the field of electronics engineering.

We request you to accept our invite for your session on **13th March 2021** from **9.30AM.**

We look forward to the limitless possibilities of this relationship. With great happiness we are looking forward for your session.

Note: Meeting will be scheduled in Ms teams and will be communicated by our faculty co-ordinator.

With Kind Regards

Dr. Rajiv Ranjan Singh
SMIEEE, FIE
HoD - Department of ECE
SoE. Presidency University Bengaluru
Karnataka, 560064, INDIA

Re: Invitation as a Resource person for a live online webinar on "Antilock Brake System - A Vehicle Safety Technology" -Reg

Mr. Vijay, Program Manager, Robert Bosch < vijay.kl@bosch.de **>**

Mon 22/02/21 11:40

To: HOD ECE hod_ece@presidencyuniversity.in

Cc: **Tirumala Vasu G**-Asst. Prof-ECE <tirumala.vasu@presidencyuniversity.in>

Dear Sir,

I am very glad to receive your invitation and will try to make this workshop fruitful for all attendees.

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

PU-SOE-ECE 2020-21

REF.NO.PU/ SOE/ ECE /2020-21/CIR 11-03-2021

CIRCULAR

LIVE webinar on "Antilock Brake System - A Vehicle Safety Technology"

With reference to the above subject, we are happy to inform you that The Department of ECE, School of Engineering organized a LIVE webinar on "Antilock Brake System - A Vehicle Safety Technology" on 13th March 2021 in collaboration with ISTE, from 9:30 AM for 1st semester M. Tech and 6th semester students of ECE. The webinar was organized live online on Microsoft Teams. The speaker for the event is Mr. Vijay, Program Manager, Robert Bosch. All faculty members and students of respective years are invited.

Date: 13th March 2021
Day: Saturday
Time: 9.30AM
Venue: Microsoft teams - Teams link

Convener - Dr. Rajiv Ranjan Singh
Faculty Coordinators - Dr.Bhanurekha, Dr.Muthupandi G, Mr.Tirumala Vasu

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Presidency University

Ittagalpura, Rajanukunte, Yelahanka, Bengaluru – 560 064

School of Engineering

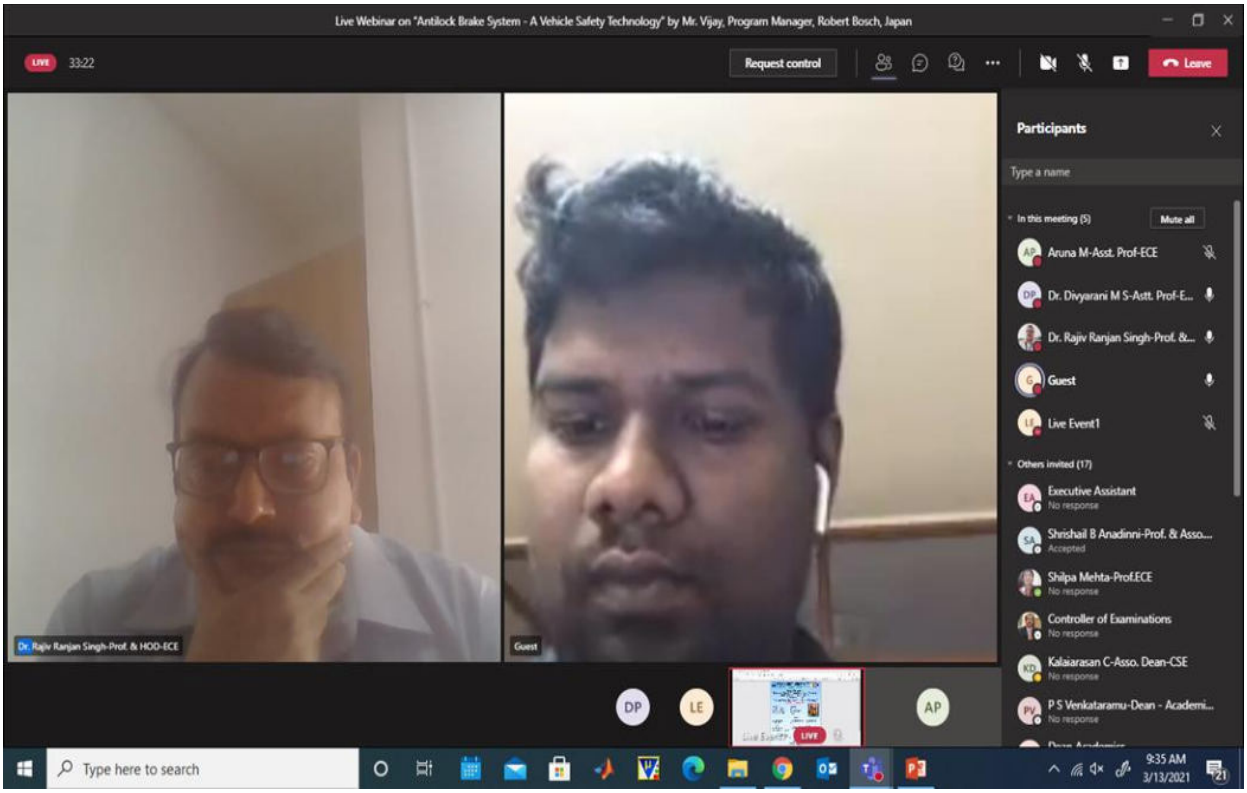
Introduction about speaker:

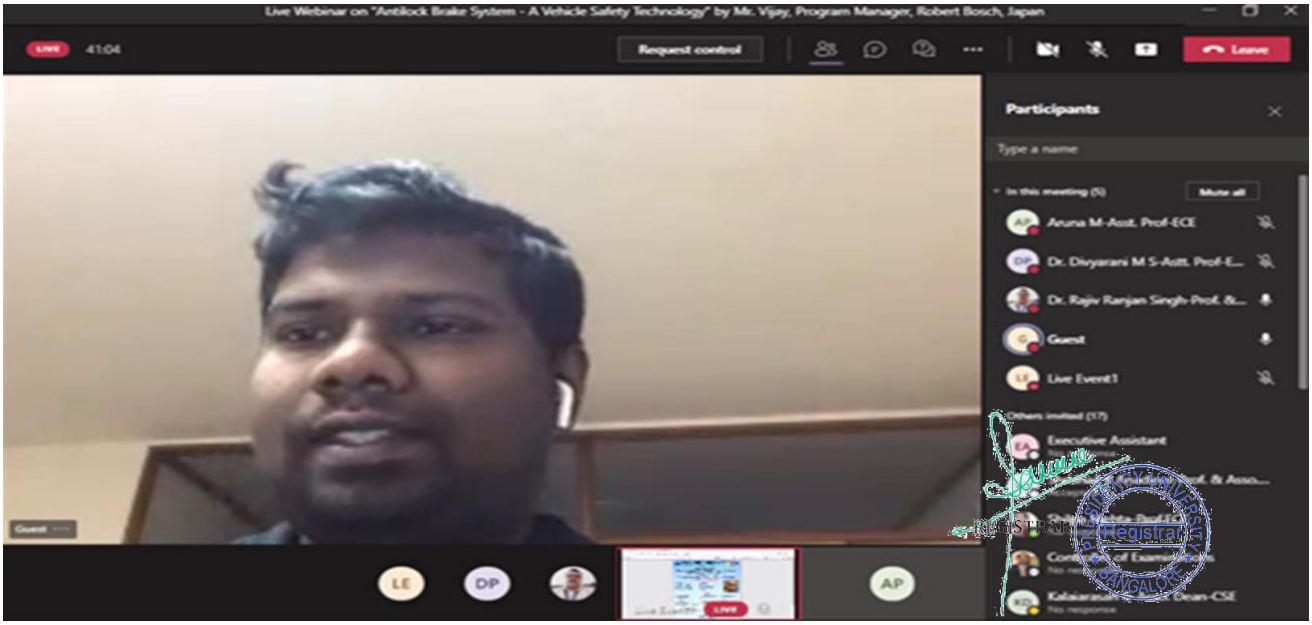
Mr. Vijay has 6.5+ years of experience in Automotive s/w development and testing at RBEI and has handled key components of the s/w like the CAN, Diagnostics, Application s/w and played a key role as a test project responsible in test strategy planning for the s/w. He is responsible for the failsafe strategy for the ABS ECUs and in handling the queries from the customer site and the application. Experienced in working with OEs across the globe particularly from the US, EU, JP, ASEAN, China and deputed to Vietnam-Ho Chi Minh city for 1 month to train the team in failsafe topics.

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Some pictures taken during this online webinar.





Attendance

Sl. No.	Student Roll No	Name	Attendance
M.Tech student list			
1	20212ESV0003	AQIB Bhat	P
2	20212ESV0001	SATHVIK KM	P
3	20212ESV0002	PURUSHOTHAM M	P
B.Tech student list			
1	20191ECE0171	LAKKISETTY SAI CHANDHU	P
2	20191ECE0172	LANKA VENKATA SAI CHARAN KUMAR	P
3	20191ECE0173	LEBAKA UMAMAHESWARI	P
4	20191ECE0174	LEBAKU SRAVAN KUMAR REDDY	P
5	20191ECE0175	LIKITHA J K	P
6	20191ECE0177	LOHITH ARYAN S	P
7	20191ECE0178	M DHEERAJ	P
8	20191ECE0181	MADHUSHREE R M	A
9	20191ECE0182	MALEY SAI NANDA KISHOR	A
10	20191ECE0183	MALLAREDDY V	P
11	20191ECE0184	MALLELA VENKATA TEJESH	P
12	20191ECE0185	MALLISETTY NITHIN	P
13	20191ECE0186	MANGALA MADHU CHARAN	P
14	20191ECE0187	MANIKANTA RAJ S	P
15	20191ECE0188	MANISH S	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

16	20191ECE0190	MARRIBOINA GANGADHAR	A
17	20191ECE0191	MEKALA DINESH	P
18	20191ECE0192	MERAM PRASAD	P
19	20191ECE0193	MERUVA VENKATA PHANI KOMAL	P
20	20191ECE0194	MIHIR MISHRA	P
21	20191ECE0195	MOHAMMED NABEEL SIDDIQUE	P
22	20191ECE0196	MOHAMMED NOORUDDIN	P
23	20191ECE0197	MOHAMMED SAMEER	P
24	20191ECE0198	MOHAMMED TANSEER	P
25	20191ECE0199	MONESH TRILOCHAN P	A
26	20191ECE0200	MRUNALINI RAJENDRA NADIGER	A
27	20191ECE0201	MUDIMELA VENKATA LOKESH	A
28	20191ECE0202	MUMMIREDDYGARI PAVAN KUMAR REDDY	P
29	20191ECE0203	MURALI R	P
30	20191ECE0204	MURE YASWANTH REDDY	P
31	20191ECE0205	MUSKAN SINGH	P
32	20191ECE0206	MUSSARATH ARA M	P
33	20191ECE0207	NADENDLA AKHIL KUMAR	P
34	20191ECE0208	NAGARURU VENKATA AKASH	P
35	20191ECE0209	NALLAGATLA SRAVAN KUMAR REDDY	P
36	20191ECE0210	NAMATEERTHAM SAGAR RAFI	P
37	20191ECE0211	NEHA K R	P
38	20191ECE0212	NIDHI S M	P
39	20191ECE0213	NIHARIKA C L	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

40	20191ECE0214	NIHARIKA N	P
41	20191ECE0215	NIKITHA V B	P
42	20191ECE0216	NIRANJAN L	P
43	20191ECE0217	NIRUPAMA C	P
44	20191ECE0218	NISHA YADAV	A
45	20191ECE0219	NITHYA REDDY T N	P
46	20191ECE0220	NIVEDITHA Y R	A
47	20191ECE0221	NOOR E SANIYA	P
48	20191ECE0222	NUKALA HARSHA SAI TEJA	P
49	20191ECE0223	NUNNA MAHENDRA	P
50	20191ECE0224	NUTHETI CHARAN KUMAR	P
51	20191ECE0225	P N RIDU VARSHINI	P
52	20191ECE0399	DINESH N	P
53	20191ECE0400	MAGHAM AJAY KUMAR	P
54	20191ECE0401	HARSHA M BHONSLE	P
55	20191ECE9008	THOMAS KEVIN S	A
56	20201LEC0006	AISHWARYA K	A
57	20181ECE0191	E MOHITH	A
58	20191ECE0338	THUGUTLA VENU GOPAL REDDY	P
59	20191ECE0339	UDAY A	P
60	20191ECE0340	UDAY GOWDA N B	P
61	20191ECE0341	UMME HANIFA	P
62	20191ECE0342	V VAMSHI KRISHNA	P
63	20191ECE0343	VAKA SREE GANESH	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

64	20191ECE0344	VALLAMKONDA AAKASH	P
65	20191ECE0345	VAMSHI J V S	P
66	20191ECE0346	VAMSHI P M	P
67	20191ECE0347	VANAMALA HARSHA VARDHAN	P
68	20191ECE0348	VARSHA G N	P
69	20191ECE0349	VARUN A S	P
70	20191ECE0351	VARUN SEHRAWAT	P
71	20191ECE0352	VEDA BHARATH NAIK MUDE	P
72	20191ECE0353	VELPULA GIRIDHAR YADAV	P
73	20191ECE0354	VENKATASATHYASAIKIRAN N	P
74	20191ECE0355	VINAY KUMAR S	P
75	20191ECE0356	VINIT KHADAKABHAVI	P
76	20191ECE0357	VINOD S BIRADAR	P
77	20191ECE0358	VISHAL KARADI	P
78	20191ECE0359	VISHAL V M	P

The online program was graced by the presence of Dr. Rajiv Ranjan Singh, Professor & Head, Department of ECE and Dr. Shilpa Mehta, Member Secretary – ISTE Chapter, Professor, ECE. The program was coordinated by ECE department Forum Coordinators Dr. M S Divya Rani, Ms. Aruna M, Ms Samreen Fiza and Ms. Anupama Sindgi. It was attended by 1st semester M. Tech and 6th semester students with a count of 296.

The session started at 9:30 AM with the blessings and wishes from Dr. Rajiv Ranjan Singh, Professor & Head, Department of ECE and Dr. Shilpa Mehta, Member Secretary – ISTE Chapter, Professor, Department of ECE. Ms Samreen Fiza welcomed the guest with welcome speech. Followed by this formal inauguration, the speaker Mr. Vijay took over the session and introduced the audience to Antilock Braking System (ABS). The antilock braking system (ABS) prevents the wheels from locking and enables safe braking. Locking wheels reduce the adhesion between tires

REGISTRAR
PRESIDENCY UNIVERSITY BANGALORE
Registrar

and the road surface and make the vehicle unsteerable. The antilock braking system (ABS) prevents the wheels from locking and enables safe braking. The speaker also spoke about how to grab opportunities, and the skills needed to be employable and message at the end which says practice is the right approach for enabling students to be Industry Ready.

The speaker encouraged students to ask clarifications wherever required and students were equally enthusiastic in the questions raised and answers received. The program concluded with a vote of thanks proposed by Ms. Anupama Sindgi (Asst. professor ECE Dept). Some screenshots from the event are attached

1)
2)
3)

Event Coordinators:
Dr. Bhanu Rekha K
Dr.Muthupandi G
Mr. Tirumala Vasu

HoD ECE
Dr. Rajiv Ranjan Singh

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Invitation as a Resource person for an online webinar and panel discussion on "Skills and pathway towards Embedded Software Industry for ECE students "-Reg

HOD ECE <hod_ece@presidencyuniversity.in>

Sat 20/03/2021 21:47

To: devesh_guptha@ibm.com < devesh_guptha@ibm.com >, narayan_kittur@broadcom.com< narayan_kittur@broadcom.com>,rakendra_tapa@vmware.com< rakendra_tapa@vmware.com>

Cc: **Tirumala Vasu G**-Asst. Prof-ECE <tirumala.vasu@presidencyuniversity.in>

Dear Sir,

Greetings of the Day from Presidency University, Bengaluru!!!

Presidency University is a constituent of the Presidency Group of Institutions [PGI], which has and continues to be active for more than a decade and half in higher education.

We are happy invite you as our resource person for the online webinar and panel discussion on "Skills and pathway towards Embedded Software Industry for ECE students " on 10th April 2021 as a part of annual series of events conducted by the department of Electronics & Communication Engineering, Presidency University, Bengaluru. This event is organized to facilitate research activities on recent socio-technical advancements in the field of electronics engineering.

We request you to accept our invite for your session on **10th April 2021,** saturday from **10.00 am -12.00 pm.** The Inauguration of the program is scheduled between **10.00am to 10.20 am**

We look forward to the limitless possibilities of this relationship. With great happiness we are looking forward for your session.

Note: Meeting will be scheduled in Ms teams and will be communicated by our faculty co-ordinator.

With Kind Regards

Dr. Rajiv Ranjan Singh
SMIEEE, FIE
HoD - Department of ECE
SoE. Presidency University Bengaluru
Karnataka, 560064, INDIA

PU-SOE-ECE 2022-23

REF.NO.PU/ SOE/ ECE /2020-21/CIR/01 08-04-2021

CIRCULAR

Webinar and panel discussion on "Skills and pathway towards Embedded Software Industry"

With reference to the above subject, we are happy to inform you that a webinar and panel discussion on "Skills and pathway towards Embedded Software Industry by the resource person **Mr. Saurav Kumar Singh, Senior Software Engineer, Broadcom Inc., Bangalore, Mr. Devesh Kumar Gupta, Senior Software Engineer, IBM, Bangalore, Mr. Narayan Kittur, R&D SW Management, Data Center Solutions Group, Broadcom, Taiwan, Mr. Rakendra Thapa, Senior Member, Technical Staff, VMware Inc** is scheduled on 10th April 2021 from 02:00 pm to 04:00 pm. All faculty members and students of second and pre final year are invited.

Date: 10th April 2021
Day: Saturday
Time: 02:00 pm to 04:00 pm
Venue: Microsoft teams - Teams link

Convener - Dr. Rajiv Ranjan Singh
Faculty Coordinators - Mr.Tirumala Vasu

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Presidency University

Ittagalpura, Rajanukunte, Yelahanka, Bengaluru – 560 064

School of Engineering

Report on webinar & panel discussion on skills and pathway towards Embedded Software Industry

The department of Electronics and Communication Engineering organized a live online **webinar & panel discussion on skills and pathway towards Embedded Software Industry for ECE students** by resource persons **Mr. Saurav Kumar Singh,** Senior Software Engineer, Broadcom Inc., Bangalore, **Mr. Devesh Kumar Gupta**, Senior Software Engineer, IBM, Bangalore, **Mr. Narayan Kittur**, R&D SW Management, Data Center Solutions Group, Broadcom, Taiwan, **Mr. Rakendra Thapa**, Senior Member, Technical Staff, VMware Inc., Bangalore on 10th April 2021 for its ECE students of 2nd and 3rd Year.

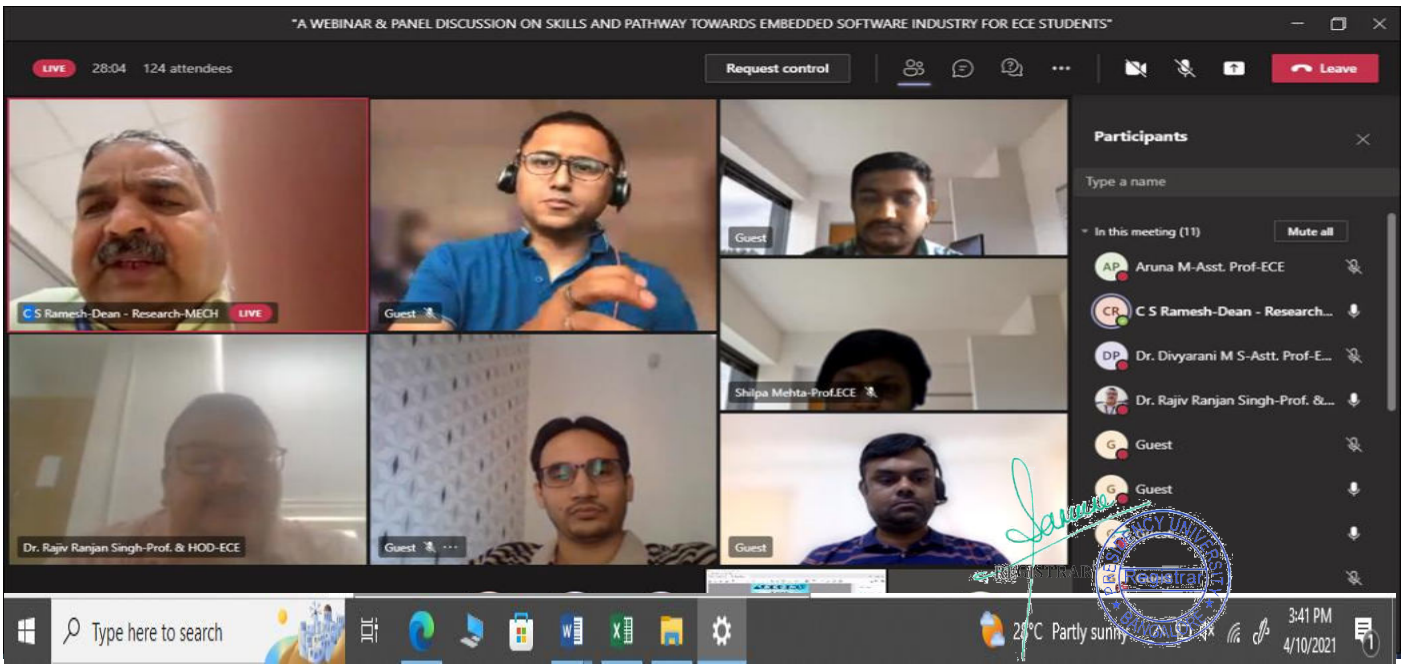
The program was graced by the presence of Dr. C S Ramesh (Dean, Research and Innovation), Dr. P S Venkataramu (Dean, Academics), Dr. Rajiv Rajan Singh (HOD, ECE Department), Dr. Shilpa Mehta (Professor, ECE Department) and teaching staffs of Presidency University, Bangalore. The talk focused on embedded system, embedded software, current trends and career paths in the field of embedded software industry. The talk spoke about the companies in embedded system and future of embedded system.

The speakers started off with the basics of embedded systems technology, how this is going to make a change in lives of the people and also the world. Students were told about embedded systems being used in a wide range of technologies across an array of industries. Some examples include: Automobiles, mobile phones, industrial machines, medical equipment etc. Students were briefed about the working and characteristics of embedded system.

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Some pictures taken during this online webinar.



Attendance

Sl. No.	Student Roll No	Name	Attendance
1	20181ECE0003	ABHILASH KUMAR A	P
2	20181ECE0004	ABHILASH N	P
3	20181ECE0007	GONDALA SAI VENKATA YOGESH	P
4	20181ECE0010	AKASH D R	P
5	20181ECE0011	AMITH KUMAR S	P
6	20181ECE0012	ARUN R	P
7	20181ECE0015	B TEJAVARDHAN	P
8	20181ECE0016	BHARAT KRISHNAN	A
9	20181ECE0019	CHAITHANYA S	A
10	20181ECE0021	CHANDANA G S	P
11	20181ECE0023	CHETHAN L	P
12	20181ECE0024	DEEKSHITH D	P
13	20181ECE0274	MADEM GURU HARINATH REDDY GURU HARINATH REDDY	P
14	20181ECE0029	ELWIN JOSHUA	P
15	20181ECE0032	G ADITI NAIDU	P
16	20181ECE0033	GODAVARI VITHOBA SIDDI	A
18	20181ECE0034	GOWRI KRISHNAVENI	P
20	20181ECE0035	H NITISH	P
21	20181ECE0038	HARISH S	P
22	20181ECE0043	JEEVITHA S RAO	P
23	20181ECE0045	KARTHIK R	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

24	20181ECE0048	KISHAN S	P
25	20181ECE0049	KOMAL KUMARI NAGAR	A
26	20181ECE0051	KUSHAL S	A
27	20181ECE0052	L MADHAVI	A
28	20181ECE0054	LIKHITHA M	P
29	20181ECE0058	M SUNIL KUMAR	P
30	20181ECE0059	MADIHA NISHATH P	P
31	20181ECE0060	MAHENDRA M	P
32	20181ECE0061	MANOJ H V	P
33	20181ECE0063	MOHAMMED ABDUL QADEER	P
34	20181ECE0064	MOHAMMED FARHAN KALEEM	P
35	20181ECE0065	MOHAMMED SIDDIQUE IZHAN V K	P
36	20181ECE0068	MUKUND H	P
37	20181ECE0071	NANDITHA P	P
38	20181ECE0073	NIBA FATHIMA P	P
39	20181ECE0074	NIKHIL S BALGANOOR	P
40	20181ECE0075	NIKITHA N	P
41	20191ECE0171	LAKKISETTY SAI CHANDHU	P
42	20191ECE0172	LANKA VENKATA SAI CHARAN KUMAR	P
43	20191ECE0173	LEBAKA UMAMAHESWARI	P
44	20191ECE0174	LEBAKU SRAVAN KUMAR REDDY	P
45	20191ECE0175	LIKITHA J K	P
46	20191ECE0177	LOHITH ARYAN S	P
47	20191ECE0178	M DHEERAJ	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

48	20191ECE0181	MADHUSHREE R M	A
49	20191ECE0182	MALEY SAI NANDA KISHOR	A
50	20191ECE0183	MALLAREDDY V	P
51	20191ECE0184	MALLELA VENKATA TEJESH	P
52	20191ECE0185	MALLISETTY NITHIN	P
53	20191ECE0186	MANGALA MADHU CHARAN	P
54	20191ECE0187	MANIKANTA RAJ S	P
55	20191ECE0188	MANISH S	P
56	20191ECE0190	MARRIBOINA GANGADHAR	A
57	20191ECE0191	MEKALA DINESH	P
58	20191ECE0192	MERAM PRASAD	P
59	20191ECE0193	MERUVA VENKATA PHANI KOMAL	P
60	20191ECE0194	MIHIR MISHRA	P
61	20191ECE0195	MOHAMMED NABEEL SIDDIQUE	P
62	20191ECE0196	MOHAMMED NOORUDDIN	P
63	20191ECE0197	MOHAMMED SAMEER	P
64	20191ECE0198	MOHAMMED TANSEER	P
65	20191ECE0199	MONESH TRILOCHAN P	A
66	20191ECE0200	MRUNALINI RAJENDRA NADIGER	A
67	20191ECE0201	MUDIMELA VENKATA LOKESH	A
68	20191ECE0202	MUMMIREDDYGARI PAVAN KUMAR REDDY	P
69	20191ECE0203	MURALI R	P
70	20191ECE0204	MURE YASWANTH REDDY	P
71	20191ECE0205	MUSKAN SINGH	P
72	20191ECE0206	MUSSARATH ARA M	P

REGISTRAR

PRESIDENCY UNIVERSITY BANGALORE Registrar

73	20191ECE0207	NADENDLA AKHIL KUMAR	P
74	20191ECE0208	NAGARURU VENKATA AKASH	P
75	20191ECE0209	NALLAGATLA SRAVAN KUMAR REDDY	P
76	20191ECE0210	NAMATEERTHAM SAGAR RAFI	P
77	20191ECE0211	NEHA K R	P
78	20191ECE0212	NIDHI S M	P
79	20191ECE0213	NIHARIKA C L	P
80	20191ECE0214	NIHARIKA N	P
81	20191ECE0215	NIKITHA V B	P
82	20191ECE0216	NIRANJAN L	P
83	20191ECE0217	NIRUPAMA C	P
84	20191ECE0218	NISHA YADAV	A
85	20191ECE0219	NITHYA REDDY T N	P
86	20191ECE0220	NIVEDITHA Y R	A
87	20191ECE0221	NOOR E SANIYA	P
88	20191ECE0222	NUKALA HARSHA SAI TEJA	P
89	20191ECE0223	NUNNA MAHENDRA	P
90	20191ECE0224	NUTHETI CHARAN KUMAR	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Finally this session had given an insight to students about how embedded automation systems are leveraging machine learning, artificial intelligence, and data analytics to help monitor and make recommendations to operators acting as the human interface was discussed. A clear idea about how embedded system specialize in tasks such as monitoring or controlling of the systems and designed to maximize performance, improve power efficiency and control processes while operating in demanding environments was explained by the speakers.

The session ended with a panel discussion on tools used by professionals in the field of embedded systems which includes version control (git,svn), editor for high productivity (vim, emacs, vscode), debugging(gdb), unit testing (check, unity, cunit), browsing a big code base (ctags, cscope, gtags, ccls, clangd) to name a few. The students actively participated in this discussion.

Event Coordinator:
Mr. Tirumala Vasu

HoD ECE
Dr. Rajiv Ranjan Singh

REGISTRAR

Invitation as a Resource person for an live online workshop on "IoT(Internet of Things):Product Development" -Reg

HOD ECE <hod_ece@presidencyuniversity.in>
Sat 20/11/2021 21:47
To: jayaraj.vs@sbce.ac.in< jayaraj.vs@sbce.ac.in >
Cc: **Tirumala Vasu G**-Asst. Prof-EEE <tirumala.vasu@presidencyuniversity.in>

Dear Sir,

Greetings of the Day from Presidency University, Bengaluru!!!

Presidency University is a constituent of the Presidency Group of Institutions [PGI], which has and continues to be active for more than a decade and half in higher education.

We are happy invite you as our resource person for the live online workshop on "IoT(Internet of Things):Product Development" on 10th and 11th December 2021 as a part of annual series of events conducted by the department of Electronics & Communication Engineering, Presidency University, Bengaluru. This event is organized to facilitate research activities on recent socio-technical advancements in the field of electronics engineering.

We request you to accept our invite for your session on **10th and 11th December 2021** from **10.00 am -12.00 pm.** The Inauguration of the program is scheduled between **10.00am to 10.20 am**

We look forward to the limitless possibilities of this relationship. With great happiness we are looking forward for your session.

Note: Meeting will be scheduled in Ms teams and will be communicated by our faculty co-ordinator.

With Kind Regards

Dr. Rajiv Ranjan Singh
SMIEEE, FIE
HoD - Department of ECE
SoE. Presidency University Bengaluru
Karnataka, 560064, INDIA

REGISTRAR PRESIDENCY UNIVERSITY Registrar BANGALORE

Re: Invitation as a Resource person for an live online workshop on "IoT(Internet of Things):Product Development" -Reg

Dr. Jayaraj V S,Asst. Prof-ECE< jayaraj.vs@sbce.ac.in >

Mon 22/11/21 11:40

To: HOD ECE hod_ece@presidencyuniversity.in

Cc: **Tirumala Vasu G**-Asst. Prof-ECE <tirumala.vasu@presidencyuniversity.in>

Dear Sir,

Thank you for the invitation.

I am very glad to receive your invitation and will try to make this workshop fruitful for all attendees. The schedule of the webinar is perfect.

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

PU-SOE-ECE 2020-21

REF.NO.PU/ SOE/ ECE /2020-21/CIR 08-11-2021

CIRCULAR

Invited talk on "IoT(Internet of Things):Product Development"

With reference to the above subject, we are happy to inform you that a live online workshop on "IoT(Internet of Things):Product Development" by the resource person Dr. Jayaraj V.S is organized on 10th and 11th December 2021 for the students of 3rd and final Year students from 10AM to 12PM. All faculty members and students of third year and final year are invited.

Date: 10th and 11th December 2021
Day: Friday and Saturday
Time: 10:00 am to 012:00 pm
Venue: Microsoft teams - Teams link

Convener - Dr. Rajiv Ranjan Singh
Faculty Coordinators - Dr.Bhanurekha, Dr.Muthupandi G, Mr.Tirumala Vasu

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Presidency University

Ittagalpura, Rajanukunte, Yelahanka, Bengaluru – 560 064

School of Engineering

Introduction about speaker:

The speaker for this event Mr. Jayaraj V S currently working as Assistant Professor, Department of ECE, Department of Electronics and Communication Engineering, Sree Buddha College of Engineering, Kerala.

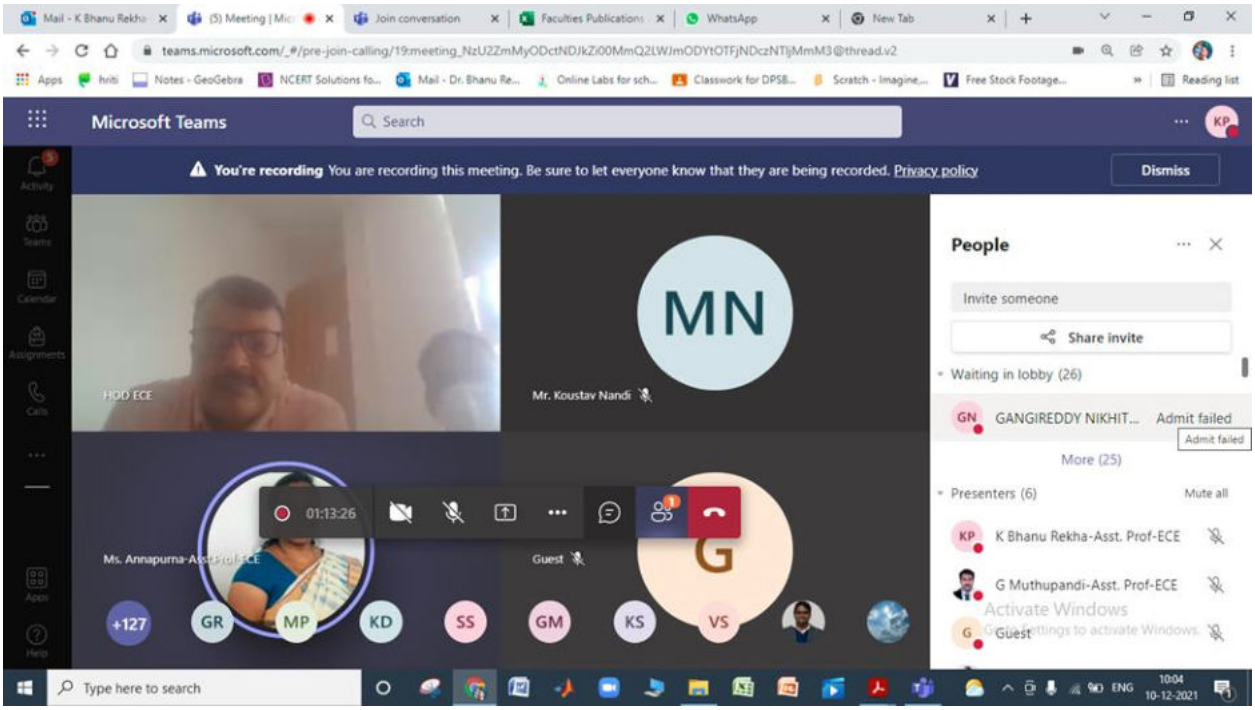
V. Jayaraj is currently working as a Lecturer in the department of Electronics and Communication Engineering, Sri Krishna College of Engineering and Technology, Coimbatore, India. He obtained his Bachelor's degree in Electronics and Communication Engg from Amrita Institute of Technology and Science, Coimbatore and Master's degree in VLSI design from Kongu Engg College, Perundurai. He is pursuing his doctoral degree in the area of Non-linear Image processing from Anna University, Coimbatore. His research interests are Nonlinear Image processing and VLSI signal processing.

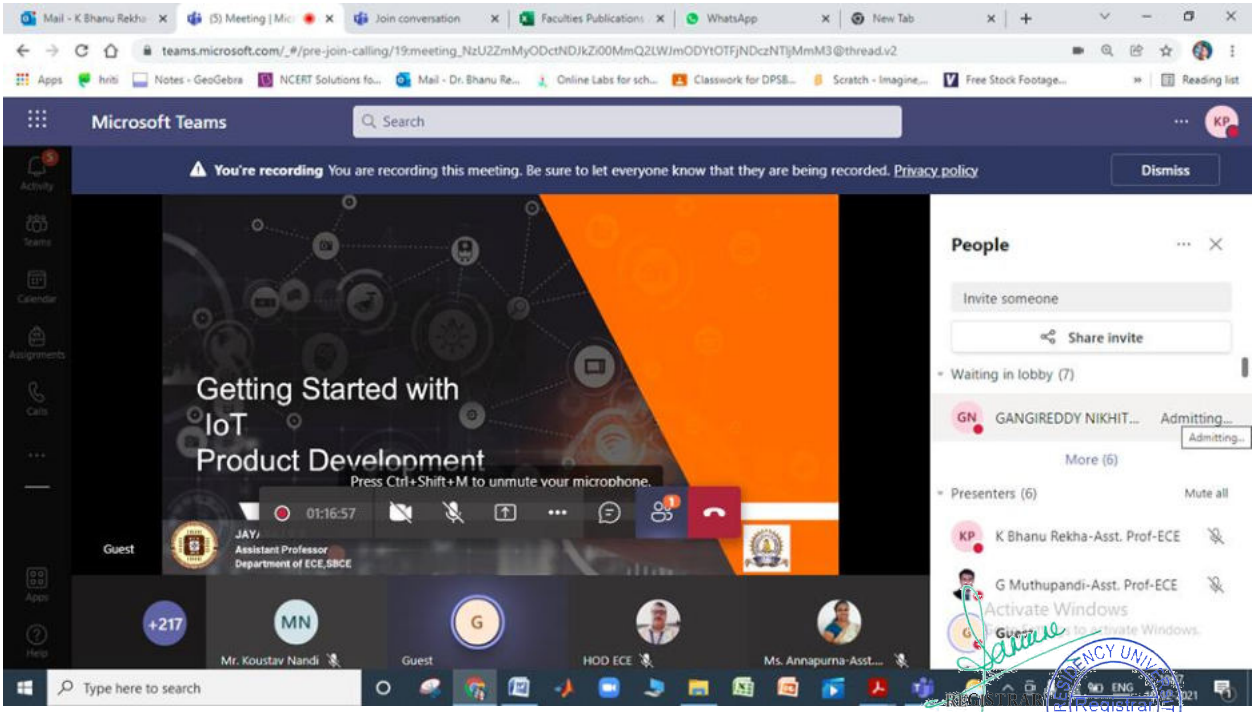
His RESEARCH INTERESTS are Antennas and antenna systems, RF circuits and systems, wireless sensing, IOT and Embedded system.

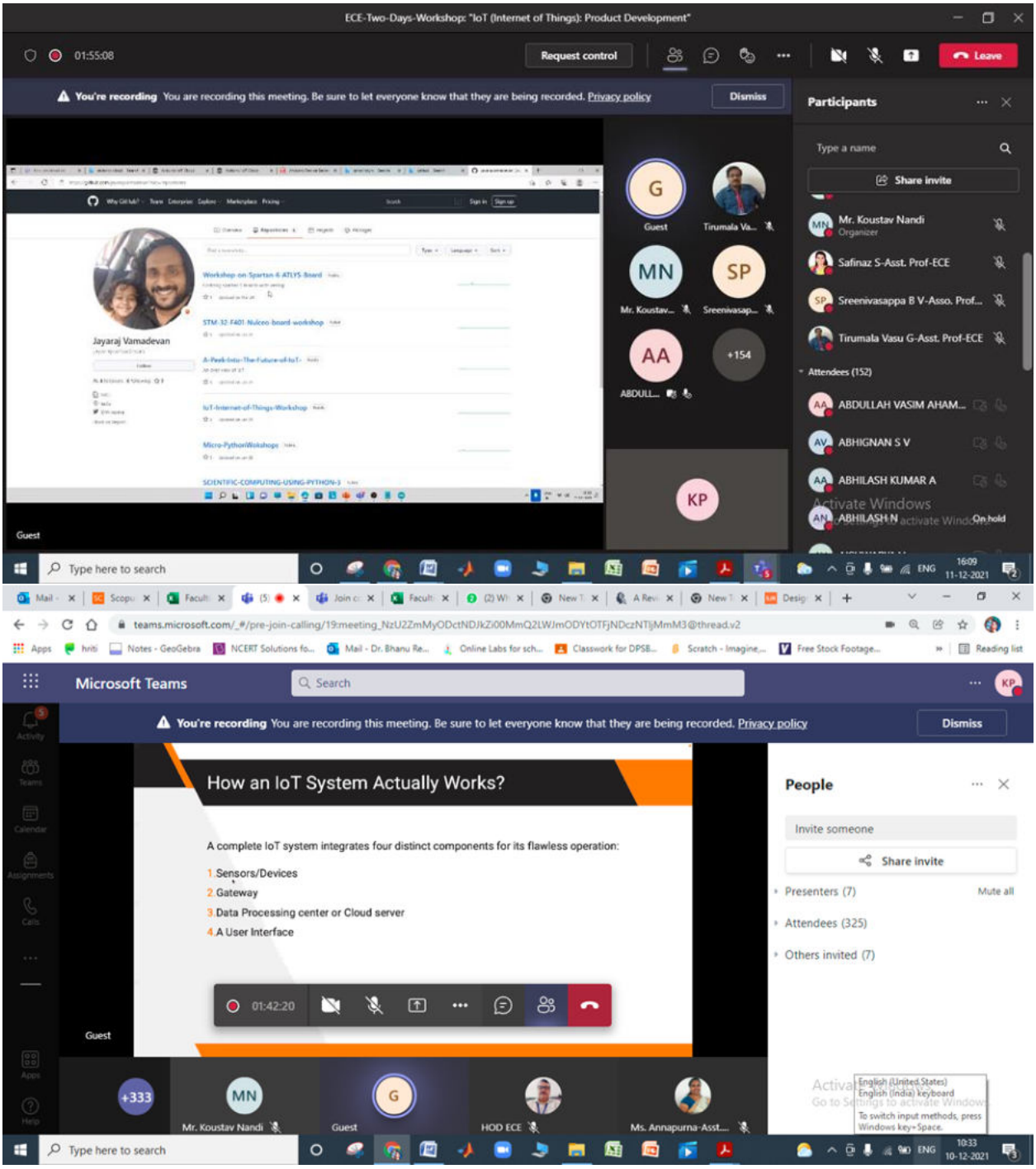
REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Some pictures taken during this online webinar.







REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

Attendance

Sl. No.	Student Roll No	Name	Attendance
1	20181ECE0003	ABHILASH KUMAR A	P
2	20181ECE0004	ABHILASH N	P
3	20181ECE0007	GONDALA SAI VENKATA YOGESH	P
4	20181ECE0010	AKASH D R	P
5	20181ECE0011	AMITH KUMAR S	P
6	20181ECE0012	ARUN R	P
7	20181ECE0015	B TEJAVARDHAN	P
8	20181ECE0016	BHARAT KRISHNAN	A
9	20181ECE0019	CHAITHANYA S	A
10	20181ECE0021	CHANDANA G S	P
11	20181ECE0023	CHETHAN L	P
12	20181ECE0024	DEEKSHITH D	P
13	20181ECE0274	MADEM GURU HARINATH REDDY GURU HARINATH REDDY	P
14	20181ECE0029	ELWIN JOSHUA	P
15	20181ECE0032	G ADITI NAIDU	P
16	20181ECE0033	GODAVARI VITHOBA SIDDI	A
18	20181ECE0034	GOWRI KRISHNAVENI	P
19	20181ECE0035	H NITISH	P
20	20181ECE0038	HARISH S	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

21	20181ECE0043	JEEVITHA S RAO	P
22	20181ECE0045	KARTHIK R	P
23	20181ECE0048	KISHAN S	P
24	20181ECE0049	KOMAL KUMARI NAGAR	P
25	20181ECE0051	KUSHAL S	A
26	20181ECE0052	L MADHAVI	A
27	20181ECE0054	LIKHITHA M	A
28	20181ECE0058	M SUNIL KUMAR	P
29	20181ECE0059	MADIHA NISHATH P	P
30	20181ECE0060	MAHENDRA M	P
31	20181ECE0061	MANOJ H V	P
32	20181ECE0063	MOHAMMED ABDUL QADEER	P
33	20181ECE0064	MOHAMMED FARHAN KALEEM	P
34	20181ECE0065	MOHAMMED SIDDIQUE IZHAN V K	P
35	20181ECE0068	MUKUND H	P
36	20181ECE0071	NANDITHA P	P
37	20181ECE0073	NIBA FATHIMA P	P
38	20181ECE0074	NIKHIL S BALGANOOR	P
39	20181ECE0075	NIKITHA N	P
40	20181ECE0076	NITHIN N	P
41	20181ECE0077	NITISH REDDY.D	P
42	20181ECE0078	NOOR AIN SADAF	P
43	20181ECE0080	PALLAVI A	P
44	20181ECE0095	RAKSHITH J T	A

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

45	20181ECE0098	RUCHITH GURURAJ	P
46	20181ECE0101	SAHANA M NAIDU	A
47	20181ECE0102	SAHANA SINGH S	P
48	20181ECE0104	SHAFIM FAISAL REHMAN KHAN	P
49	20181ECE0105	SHALINI S	P
50	20181ECE0109	SHRIYA Kumar	P
51	20181ECE0111	SKANDH MUTHANNA M S	P
52	20181ECE0112	SPOORTHI S	P
53	20181ECE0113	SRI SAI CHANDANA P	P
54	20181ECE0114	SRIKANTH M	P
55	20181ECE0115	SRISHU Y S	A
56	20181ECE0121	SUSHMITHA N	A
57	20181ECE0123	VAISHNAVI APPACHA A	A
58	20181ECE0124	VAISHNAVI R	P
59	20181ECE0127	YOGASHREE R S	P
60	20181ECE0130	ABDUL AFTAAB AHAMED SHEIK	P
61	20181ECE0131	AKEPATI NAVANEESH KUMAR REDDY	P
62	20181ECE0132	AKSANI KAVYASRI	P
63	20181ECE0133	AKULA SAI TEJA REDDY	P
64	20181ECE0137	AMARA SUNDAR	P
65	20181ECE0138	AMARAVATHI LAVANYA	P
66	20181ECE0139	AMBATI SAI KUMAR REDDY	P
67	20181ECE0140	ANDRA RAM NITISH	P
68	20181ECE0141	ANNAREDDY LAKSHMI SAKETH REDDY	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

69	20181ECE0145	ATTAR ZAMEER	P
70	20181ECE0146	B NAVEEN SURYA	P
71	20181ECE0147	BACHU VIVEKANANDA REDDY	P
72	20181ECE0150	BANDI THARUN KUMAR REDDY	P
73	20181ECE0156	BOMMIREDDY MAHIDHAR REDDY	P
74	20181ECE0157	BOPPEPALLI BHANUPRAKASH REDDY	P
75	20181ECE0158	BORRA NANDA KUMAR	P
76	20181ECE0159	BOYA SANTHOSH KUMAR	P
77	20181ECE0160	BUKKASAMUDRAM HEMANTH REDDY	P
78	20181ECE0161	BUSIREDDY RAJENDRA REDDY	P
Sl. No.	Student Roll No	Name	Attendance
1	20191ECE0171	LAKKISETTY SAI CHANDHU	P
2	20191ECE0172	LANKA VENKATA SAI CHARAN KUMAR	P
3	20191ECE0173	LEBAKA UMAMAHESWARI	P
4	20191ECE0174	LEBAKU SRAVAN KUMAR REDDY	P
5	20191ECE0175	LIKITHA J K	P
6	20191ECE0177	LOHITH ARYAN S	P
7	20191ECE0178	M DHEERAJ	P
8	20191ECE0181	MADHUSHREE R M	A
9	20191ECE0182	MALEY SAI NANDA KISHOR	A
10	20191ECE0183	MALLAREDDY V	P
11	20191ECE0184	MALLELA VENKATA TEJESH	P
12	20191ECE0185	MALLISETTY NITHIN	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

13	20191ECE0186	MANGALA MADHU CHARAN	P
14	20191ECE0187	MANIKANTA RAJ S	P
15	20191ECE0188	MANISH S	P
16	20191ECE0190	MARRIBOINA GANGADHAR	A
17	20191ECE0191	MEKALA DINESH	P
18	20191ECE0192	MERAM PRASAD	P
19	20191ECE0193	MERUVA VENKATA PHANI KOMAL	P
20	20191ECE0194	MIHIR MISHRA	P
21	20191ECE0195	MOHAMMED NABEEL SIDDIQUE	P
22	20191ECE0196	MOHAMMED NOORUDDIN	P
23	20191ECE0197	MOHAMMED SAMEER	P
24	20191ECE0198	MOHAMMED TANSEER	P
25	20191ECE0199	MONESH TRILOCHAN P	A
26	20191ECE0200	MRUNALINI RAJENDRA NADIGER	A
27	20191ECE0201	MUDIMELA VENKATA LOKESH	A
28	20191ECE0202	MUMMIREDDYGARI PAVAN KUMAR REDDY	P
29	20191ECE0203	MURALI R	P
30	20191ECE0204	MURE YASWANTH REDDY	P
31	20191ECE0205	MUSKAN SINGH	P
32	20191ECE0206	MUSSARATH ARA M	P
33	20191ECE0207	NADENDLA AKHIL KUMAR	P
34	20191ECE0208	NAGARURU VENKATA AKASH	P
35	20191ECE0209	NALLAGATLA SRAVAN KUMAR REDDY	P
36	20191ECE0210	NAMATEERTHAM SAGAR RAFI	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

37	20191ECE0211	NEHA K R	P
38	20191ECE0212	NIDHI S M	P
39	20191ECE0213	NIHARIKA C L	P
40	20191ECE0214	NIHARIKA N	P
41	20191ECE0215	NIKITHA V B	P
42	20191ECE0216	NIRANJAN L	P
43	20191ECE0217	NIRUPAMA C	P
44	20191ECE0218	NISHA YADAV	A
45	20191ECE0219	NITHYA REDDY T N	P
46	20191ECE0220	NIVEDITHA Y R	A
47	20191ECE0221	NOOR E SANIYA	P
48	20191ECE0222	NUKALA HARSHA SAI TEJA	P
49	20191ECE0223	NUNNA MAHENDRA	P
50	20191ECE0224	NUTHETI CHARAN KUMAR	P
51	20191ECE0225	P N RIDU VARSHINI	P
52	20191ECE0399	DINESH N	P
53	20191ECE0400	MAGHAM AJAY KUMAR	P
54	20191ECE0401	HARSHA M BHONSLE	P
55	20191ECE9008	THOMAS KEVIN S	A
56	20201LEC0006	AISHWARYA K	A
57	20181ECE0191	E MOHITH	A
58	20191ECE0338	THUGUTLA VENU GOPAL REDDY	P
59	20191ECE0339	UDAY A	P
60	20191ECE0340	UDAY GOWDA N B	P

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

61	20191ECE0341	UMME HANIFA	P
62	20191ECE0342	V VAMSHI KRISHNA	P
63	20191ECE0343	VAKA SREE GANESH	P
64	20191ECE0344	VALLAMKONDA AAKASH	P
65	20191ECE0345	VAMSHI J V S	P
66	20191ECE0346	VAMSHI P M	P
67	20191ECE0347	VANAMALA HARSHA VARDHAN	P
68	20191ECE0348	VARSHA G N	P
69	20191ECE0349	VARUN A S	P
70	20191ECE0351	VARUN SEHRAWAT	P
71	20191ECE0352	VEDA BHARATH NAIK MUDE	P
72	20191ECE0353	VELPULA GIRIDHAR YADAV	P
73	20191ECE0354	VENKATASATHYASAIKIRAN N	P
74	20191ECE0355	VINAY KUMAR S	P
75	20191ECE0356	VINIT KHADAKABHAVI	P
76	20191ECE0357	VINOD S BIRADAR	P
77	20191ECE0358	VISHAL KARADI	P
78	20191ECE0359	VISHAL V M	P

The program was graced by the presence of Dr. Rajiv Ranjan Singh(HOD, ECE Department), teaching staffs and students of 3rd and 7th semester of ECE department, SoE, Presidency University, Bangalore. The program began with a welcome speech given by Mrs Annapurna H S. The workshop began with introducing students to how is IoT landscape keeps evolving in terms of providing tools and platforms for connected end-user products. AI is used within retail and supply chain industries alongside machine learning and data analysis to

understand the pattern of purchase in developing personalized experiences for the online end-user. The speaker introduces to NodeMcu-Open Source firm based on ESP8266.

The speaker also provided hands on session ESP8266 which can connect objects and let data transfer using the Wi-Fi protocol. In addition, prototype implementation that enables monitoring several Hardware components. The prototype was realized using ESP8266 hardware modules

The speaker ended the session with a brief talk IoT Based Home Automation Project using Blynk & NodeMCU ESP8266. By Home Automation for controlling lighting, climate, entertainment systems, and appliances without a manual switch. It also included include home security such as access control and alarm systems. When connected with the Internet, home devices are an important constituent of the Internet of Things ("IoT"). Finally resource person answered all the quires related to the projects carried out by 7th semester studies providing them with technical ideas.

A vote-of-thanks was proposed by Ms.Annupama at the end of the event. The event was organized meticulously by the Workshop Team of ECE department which comprises of faculty members Dr K Bhanu Rekha, Dr Muthupandi G and Mr Tirumala Vasu.

1)
2)
3)

Event Coordinators:
Dr. Bhanu Rekha K
Dr.Muthupandi G
Mr. Tirumala Vasu

HoD ECE
Dr. Rajiv Ranjan Singh

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE