

**Workshop on IoT Bootcamp for the BS Computing 3 Year Students at School of CSA**

**School: Computer Science and Applications**

**Venue: Classroom 420**

**Date: 8<sup>th</sup> March to 13<sup>th</sup> March**

**Year: 2021**

The objective of the program was to teach Internet of Things (IoT) & make the students to develop some working models / projects on their own.

IoT is a process of communicating effectively and securely with machines. In today's world more than 35+ billion devices are connected using IoT & it is speculated that by year 2030, the number is expected to increase upto 125 billion. There is a huge potential growth potential for this technology in various markets such as industrial appliances, defence sector, Medical equipment, retail sector , agriculture sector , home appliances etc.

Ethicalbyte Trainer provided greater value to students by providing them not only the most updated courses but also preparing them is taking online assessment exam that empower students to face Interview confidently during placements drive. The trainer also taught the best practices and latest techniques & tricks in coding. They also learned architecture & protocols , Arduino & Rasberry Pi, Cooja simulator, IoT Cloud & Security.

The classes were conducted in the class rooms for 6 days (32 hours ) and students had appeared for an assessment examination on the last day of the event. The outcome of the event was students learned how to develop projects such as , 3 factor authentication , Monitoring server , Satellite tracker , GPS tracker, Car dashboard etc .

Pictures are attached below taken during the event which clearly shows the activeness of the trainer and the attentiveness of the Students.



Registrar  
REVA University  
Bengaluru - 560 064





**REVA**  
UNIVERSITY

Bengaluru, India

Established as per the section 2(1) of the UGC Act, 1956  
Approved by AICTE, COA and BCI, New Delhi



University Industry Interaction Centre  
in association with School of Computer Science & Application

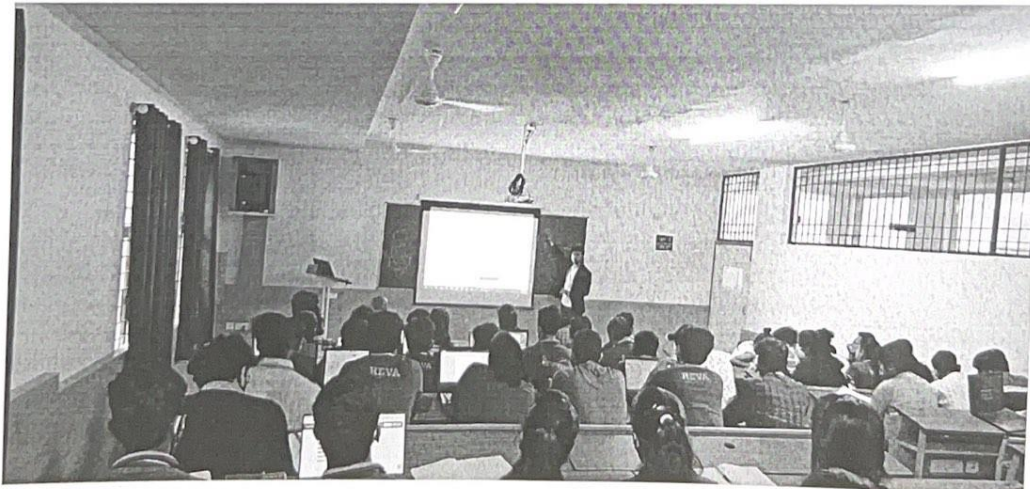
Organises Skill Development Programme on

# IOT-BOOTCAMP

(for 6<sup>th</sup> Semester Bsc-CSA)

Date : 8<sup>th</sup> to 13<sup>th</sup> March, 2021  
Time : 8:30 A. M. to 4:30 P. M.

[www.reva.edu.in](http://www.reva.edu.in)



  
Registrar

Registrar  
REVA University  
Bengaluru - 560 064





### Feedback

- I had done research on various aspects while performing my role in completing my project(3 factor authentication door) and I will use those skills (observation,teamwork, listening) which I gained from my project completion.
- Will help me understand better and learn faster
- Practical sessions were helpful. Will definitely implement what I learnt here in the future.
- Working on ethical hacking, IOT will be useful in terms of knowing about the hardware requirements.
- I will try to explore more about internet of things more
- Had a good experience about how to manage time to complete the given project.
- Since it's IOT there are many possibilities and endless implementations.
- Without the support of Manoj Kashyap sir, it would be uphill task for our team to complete the project. Most of the credits goes to Manoj sir.



- Proper knowledge about the components used for projects were not briefed by the trainer.  
We had to gain the knowledge by ourselves before getting into the project.
- Overall good experience

  
Registrar

Registrar  
REVA University  
Bengaluru - 560 064



# ETHICAL BYTE



+91 72597 87316



<https://www.ethicalbyte.in>  
support@ethicalbyte.in



#12, 3rd Main 3rd Cross,  
Shambavinagar, Peenya 2nd stage, B-58



## Ethical Byte

# INVOICE

**BILL TO: REVA UNIVERSITY**  
Rukmanni Knowledge Park  
Kattigena Halli Yelahanka  
Bangalore 560064  
Phone number: 080-66226622

Invoice No EBIOT032117  
Invoice Date 29/3/2021  
Customer ID [vanitha.r@reva.edu.in](mailto:vanitha.r@reva.edu.in)

Salesperson	Job	Payment Terms	Due Date
-------------	-----	---------------	----------

Quantity	Description	Unit Price	Line Total
65	Training IoT	₹ 850.00	₹ 55,250.00

Subtotal	₹ 55,250.00
Sales Tax @ 0.0	₹ -
Total	₹ 55,250.00

Make all checks payable to ETHICAL BYTE

Thank you for your business!

  
Registrar

Registrar  
REVA University  
Bengaluru - 560 064





School of Computer Science and Applications  
VI Semester B.Sc(Research) Student List(2020-21)  
Skill Development Programme

Sl.No	SRN	Student Name	08.03.2021		09.03.2021		10.03.2021		12.03.2021		13.03.2021		Morning Session	Afternoon Session
			Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session		
1	R18BS001	ABHISHEK R	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek		
2	R18BS002	ADITYA RAJENDRAN	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya		
3	R18BS003	ALLE JANEETH REDDY	A.Janeeth	A.Janeeth	A.Janeeth	A.Janeeth	A.Janeeth	A.Janeeth	A.Janeeth	A.Janeeth	A.Janeeth	A.Janeeth		
4	R18BS004	AMEENA SADIYA	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena	Ameena		
5	R18BS005	ANIKET VILAS CHINCHOLE	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket	Aniket		
6	R18BS006	ANIRUDH R	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh	Anirudh		
7	R18BS007	ANTHAPU PAVAN KUMAR REDDY	Anthapu	Anthapu	Anthapu	Anthapu	Anthapu	Anthapu	Anthapu	Anthapu	Anthapu	Anthapu		
8	R18BS008	APARNA M	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna	Aparna		
9	R18BS009	AQUIB JAVID S	Aquib	Aquib	Aquib	Aquib	Aquib	Aquib	Aquib	Aquib	Aquib	Aquib		
10	R18BS010	ARSHAK RAMEEZ P	Arshak	Arshak	Arshak	Arshak	Arshak	Arshak	Arshak	Arshak	Arshak	Arshak		
11	R18BS011	BANDLA RAVI TEJA	Bandla	Bandla	Bandla	Bandla	Bandla	Bandla	Bandla	Bandla	Bandla	Bandla		
12	R18BS013	DEEKSHITH YADAV A	Deekshith	Deekshith	Deekshith	Deekshith	Deekshith	Deekshith	Deekshith	Deekshith	Deekshith	Deekshith		
13	R18BS014	DEVARAPALLI SATHWIKAA	Devarapalli	Devarapalli	Devarapalli	Devarapalli	Devarapalli	Devarapalli	Devarapalli	Devarapalli	Devarapalli	Devarapalli		
14	R18BS015	G S PREM SAI	G.S.Prem	G.S.Prem	G.S.Prem	G.S.Prem	G.S.Prem	G.S.Prem	G.S.Prem	G.S.Prem	G.S.Prem	G.S.Prem		
15	R18BS016	GOKUL R	Gokul	Gokul	Gokul	Gokul	Gokul	Gokul	Gokul	Gokul	Gokul	Gokul		
16	R18BS017	H G RAJATH	H.G.Rajath	H.G.Rajath	H.G.Rajath	H.G.Rajath	H.G.Rajath	H.G.Rajath	H.G.Rajath	H.G.Rajath	H.G.Rajath	H.G.Rajath		
17	R18BS018	HARIHARUN M	Harihharun	Harihharun	Harihharun	Harihharun	Harihharun	Harihharun	Harihharun	Harihharun	Harihharun	Harihharun		
18	R18BS019	HEMANTH YADAV G	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant	Hemant		
19	R18BS020	JAGAD SANKAR	Jagad	Jagad	Jagad	Jagad	Jagad	Jagad	Jagad	Jagad	Jagad	Jagad		
20	R18BS021	JITHU JAGADISH	Jithu	Jithu	Jithu	Jithu	Jithu	Jithu	Jithu	Jithu	Jithu	Jithu		
21	R18BS022	JNANESH J	Jnanesh	Jnanesh	Jnanesh	Jnanesh	Jnanesh	Jnanesh	Jnanesh	Jnanesh	Jnanesh	Jnanesh		
22	R18BS023	K M APOORVA	K.M.Apoorva	K.M.Apoorva	K.M.Apoorva	K.M.Apoorva	K.M.Apoorva	K.M.Apoorva	K.M.Apoorva	K.M.Apoorva	K.M.Apoorva	K.M.Apoorva		
23	R18BS024	K RAVIKUMAR	K.Ravikumar	K.Ravikumar	K.Ravikumar	K.Ravikumar	K.Ravikumar	K.Ravikumar	K.Ravikumar	K.Ravikumar	K.Ravikumar	K.Ravikumar		
24	R18BS025	KAMARAJU SAI NARASIMHA HANISH	Kamaraju	Kamaraju	Kamaraju	Kamaraju	Kamaraju	Kamaraju	Kamaraju	Kamaraju	Kamaraju	Kamaraju		
25	R18BS026	KAVURI HARINI	Kavuri	Kavuri	Kavuri	Kavuri	Kavuri	Kavuri	Kavuri	Kavuri	Kavuri	Kavuri		
26	R18BS027	KAVYASHREE C K	Kavyashree	Kavyashree	Kavyashree	Kavyashree	Kavyashree	Kavyashree	Kavyashree	Kavyashree	Kavyashree	Kavyashree		
27	R18BS028	KILARI KOWSHIK	Kilari	Kilari	Kilari	Kilari	Kilari	Kilari	Kilari	Kilari	Kilari	Kilari		
28	R18BS029	KOTHAPALLI ABDUL AZIZ	Kothapalli	Kothapalli	Kothapalli	Kothapalli	Kothapalli	Kothapalli	Kothapalli	Kothapalli	Kothapalli	Kothapalli		
29	R18BS030	LAKKEM BHARADWAJ	Lakkem	Lakkem	Lakkem	Lakkem	Lakkem	Lakkem	Lakkem	Lakkem	Lakkem	Lakkem		
30	R18BS031	LIKHITH YASHWIN H D	Likhith	Likhith	Likhith	Likhith	Likhith	Likhith	Likhith	Likhith	Likhith	Likhith		

Registrar

Registrar  
REVA University  
Bengaluru - 560 064





Sl.No	SRN	Student Name	08.03.2021		09.03.2021		10.03.2021		12.02.2021		13.02.2021		Session	Session
			Session	Session	Session	Session	Session	Session	Session	Session	Session	Session		
31	R18BS032	MARRIPUDI DASTAGIRI	Dastagiri	Dastagiri	Dastagiri	Dastagiri	Dastagiri	Dastagiri	Dastagiri	Dastagiri	Dastagiri	Dastagiri		
32	R18BS033	NADAPANA VENKATA PRANAV NAIDU	N.V.P.	N.V.P.	N.V.P.	N.V.P.	N.V.P.	N.V.P.	N.V.P.	N.V.P.	N.V.P.	N.V.P.		
33	R18BS034	NAGALAPATI DISHIKA	Dishika	Dishika	Dishika	Dishika	Dishika	Dishika	Dishika	Dishika	Dishika	Dishika		
34	R18BS035	NANDANI SAH	Nandani	Nandani	Nandani	Nandani	Nandani	Nandani	Nandani	Nandani	Nandani	Nandani		
35	R18BS036	NDDHI ASHOKKUMAR PATEL	NDDHI	NDDHI	NDDHI	NDDHI	NDDHI	NDDHI	NDDHI	NDDHI	NDDHI	NDDHI		
36	R18BS037	NISHCHITHA K	Nishchitha	Nishchitha	Nishchitha	Nishchitha	Nishchitha	Nishchitha	Nishchitha	Nishchitha	Nishchitha	Nishchitha		
37	R18BS038	P K HARI JASWANTH KRISHNA	P.K.H.	P.K.H.	P.K.H.	P.K.H.	P.K.H.	P.K.H.	P.K.H.	P.K.H.	P.K.H.	P.K.H.		
38	R18BS039	PALLE JAGADEESWAR REDDY	Palle	Palle	Palle	Palle	Palle	Palle	Palle	Palle	Palle	Palle		
39	R18BS040	PANKAJ KUMAR PRAJAPATHI	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj		
40	R18BS041	PRAJWAL GOWDA J	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal	Prajwal		
41	R18BS042	KAHUI, M	Kahui	Kahui	Kahui	Kahui	Kahui	Kahui	Kahui	Kahui	Kahui	Kahui		
42	R18BS043	REHAAN RASHEED	Rehaan	Rehaan	Rehaan	Rehaan	Rehaan	Rehaan	Rehaan	Rehaan	Rehaan	Rehaan		
43	R18BS044	RV SAHANA	RV	RV	RV	RV	RV	RV	RV	RV	RV	RV		
44	R18BS045	SAAKSHI SURESH	Saakshi	Saakshi	Saakshi	Saakshi	Saakshi	Saakshi	Saakshi	Saakshi	Saakshi	Saakshi		
45	R18BS046	SAI KALYANI Y	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai	Sai		
46	R18BS047	SALAPALA LOKESH REDDY	Salapala	Salapala	Salapala	Salapala	Salapala	Salapala	Salapala	Salapala	Salapala	Salapala		
47	R18BS048	SANTHOSH KUMAR YADAV	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh		
48	R18BS049	SHANTANU CHAUBEY	Shantanu	Shantanu	Shantanu	Shantanu	Shantanu	Shantanu	Shantanu	Shantanu	Shantanu	Shantanu		
49	R18BS050	SHASHANK D	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank	Shashank		
50	R18BS051	SHRIJAY N	Shri	Shri	Shri	Shri	Shri	Shri	Shri	Shri	Shri	Shri		
51	R18BS052	SHUBHAM KUMAR	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham	Shubham		
52	R18BS053	SNEHAL P C	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal	Snehal		
53	R18BS054	SODANAPALLI GOWTHAM REDDY	Sodanapalli	Sodanapalli	Sodanapalli	Sodanapalli	Sodanapalli	Sodanapalli	Sodanapalli	Sodanapalli	Sodanapalli	Sodanapalli		
54	R18BS055	SUTRAPU SHARAN KUMAR REDDY	Sutrapu	Sutrapu	Sutrapu	Sutrapu	Sutrapu	Sutrapu	Sutrapu	Sutrapu	Sutrapu	Sutrapu		
55	R18BS056	THONDALA DINNE ABDUL KAREEM	Thondala	Thondala	Thondala	Thondala	Thondala	Thondala	Thondala	Thondala	Thondala	Thondala		
56	R18BS057	UDHAYA R	Udhaya	Udhaya	Udhaya	Udhaya	Udhaya	Udhaya	Udhaya	Udhaya	Udhaya	Udhaya		
57	R18BS058	VEDAMANI VENKATA GURU SAI VIDYULA	Vedamani	Vedamani	Vedamani	Vedamani	Vedamani	Vedamani	Vedamani	Vedamani	Vedamani	Vedamani		
58	R18BS059	VANI PRIYA P	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani		
59	R18BS060	VIGNESH TALLAM	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh		
60	R18BS061	MUPPALA VINEESHA VARMA	Muppala	Muppala	Muppala	Muppala	Muppala	Muppala	Muppala	Muppala	Muppala	Muppala		
61	R18BS062	ROGER ZOREMTHANGA	Roger	Roger	Roger	Roger	Roger	Roger	Roger	Roger	Roger	Roger		
62	R18BS063	VARSHINI N	Varshini	Varshini	Varshini	Varshini	Varshini	Varshini	Varshini	Varshini	Varshini	Varshini		
63	R18BS064	MIHEER SINGH	Miheer	Miheer	Miheer	Miheer	Miheer	Miheer	Miheer	Miheer	Miheer	Miheer		
64	R18BS065	SRUJAN G S	Srujan	Srujan	Srujan	Srujan	Srujan	Srujan	Srujan	Srujan	Srujan	Srujan		
65	R17B009	G CHANDRAKANTH	G Chandrakanth	G Chandrakanth	G Chandrakanth	G Chandrakanth	G Chandrakanth	G Chandrakanth	G Chandrakanth	G Chandrakanth	G Chandrakanth	G Chandrakanth		

SDP Coordinator

Programme Coordinator

Assistant Director

Director

Registrar

REVA University Bengaluru - 560 064



Date: 05.04.2021

To,  
DGM  
Accounts & Finance  
REVA University

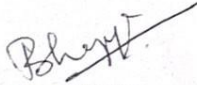
**Subject: Acknowledge for the Skill development certificate.**

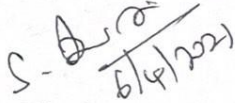
Dear Sir,

With reference to the above cited subject, we acknowledge you that the students received digital certificate for the skill development course done. The students who are all eligible for the certification are listed below.

SI.NO	PROGRAM NAME	Participated	Eligible
1	IoT Boot camp	65	Professional Certificate =63 Participating certificate=02

The Sample of the certificate is attached.

  
SDP Coordinator  
School of CSA

  
Director  
School of CSA

  
Registrar  
REVA University  
Bengaluru - 560 064





**REVA**  
UNIVERSITY  
Bengaluru, India

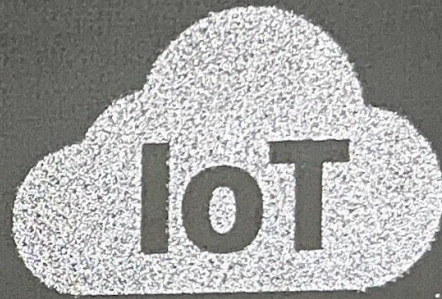


## CERTIFICATE OF ACHIEVEMENT

THIS IS TO RECOGNIZE

**G S Prem Sai**

Has been awarded this certificate for successfully passing the course  
**INTERNET OF THINGS**



**EBIOT03210103210062**

CERTIFICATE NUMBER



*Sunoj.kn*

SUNOJ KASHYAP  
DIRECTOR

verify :- certificate at [www.ethicalbyte.in/verify.php](http://www.ethicalbyte.in/verify.php)

Date :- 26/03/2021

*Reg*  
Registrar

Registrar  
REVA University  
Bengaluru - 560 064





**Workshop on IoT Bootcamp for the MCA 2<sup>nd</sup> Year Students at School of CSA**

**School: Computer Science and Applications Section A & B**

**Venue: Classroom**

**Date: 15<sup>th</sup> March to 20<sup>th</sup> March (Sec-A) & 22<sup>nd</sup> March to 27<sup>th</sup> March (Sec- B)**

**Year: 2021**

The objective of the program was to teach Internet of Things (IoT) & make the students to develop some working models / projects on their own.

The poster features the REVA University logo and name at the top left, with accreditation details below it. On the top right, there are logos for IGUUGE GOLD and NIRF. The central text describes the event as an association between the School of Computer Science and Applications and the University Industry Interaction Centre, organized as a Skill Development Program on "Internet of Things Boot Camp". The resource person is listed as Mr. Manoj kashyap from Ethical Byte, Bengaluru. The date and time are specified as 22<sup>nd</sup> March 2021 to 27<sup>th</sup> March 2021, from 8:30 a.m.

**REVA UNIVERSITY**  
Bengaluru, India  
Established as per the section 2(f) of the UGC Act, 1956,  
Approved by AICTE, New Delhi

IGUUGE GOLD  
nirf

School of Computer Science and Applications in Association with  
University Industry Interaction Centre  
Organises Skill Development Program  
on  
**“Internet of Things Boot Camp”**

Resource Person  
Mr. Manoj kashyap  
Ethical Byte  
Bengaluru

Date: 22<sup>nd</sup> March 2021 to 27<sup>th</sup> March 2021  
Time: 8.30 a.m

IoT is a process of communicating effectively and securely with machines. In today's world more than 35+ billion devices are connected using IoT & it is speculated that by year 2030, the number is expected to increase up to 125 billion. There is a huge potential growth potential for this technology in various markets such as industrial appliances, defence sector, Medical equipment, retail sector, agriculture sector, home appliances etc.

Ethicalbyte Trainer provided greater value to students by providing them not only the most updated courses but also preparing them by taking an online assessment exam that empowers students to face interviews confidently during placements drive. The trainer also taught the best practices and latest techniques & tricks in coding. They also learned architecture & protocols, Arduino & Raspberry Pi, Cooja simulator, IoT Cloud & Security.

  
Registrar

Registrar  
REVA University  
Bengaluru - 560 064

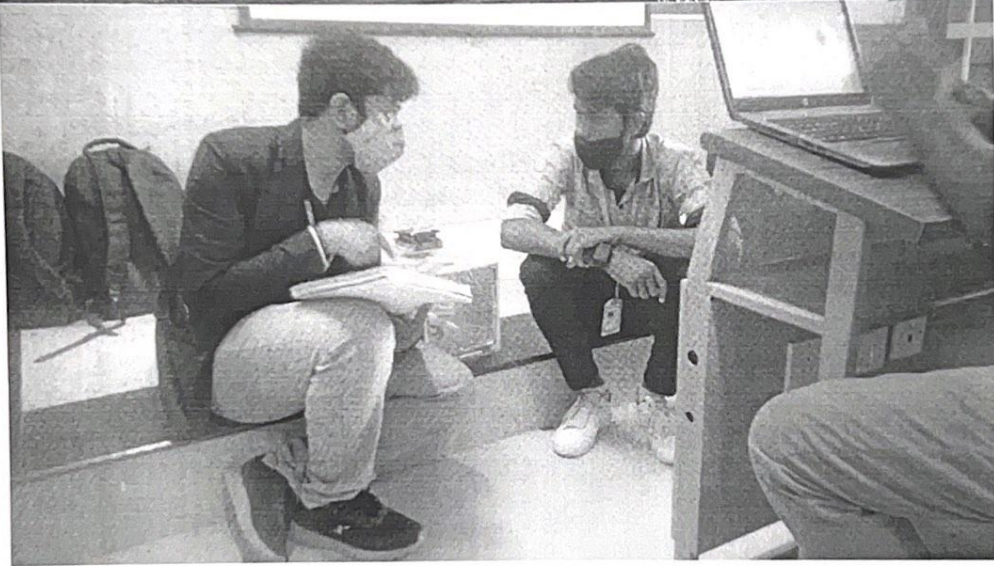


The classes were conducted in the class rooms for 6 days (32 hours ) and students had appeared for an assessment examination on the last day of the event. The outcome of the event was students learned how to develop projects such as , Drone , personalized room automation , Vertical farming ,Covid Test Sample isolation ,Crypto wallet, Blind logger, Laptop Power bank, oximeter, Repeater etc .

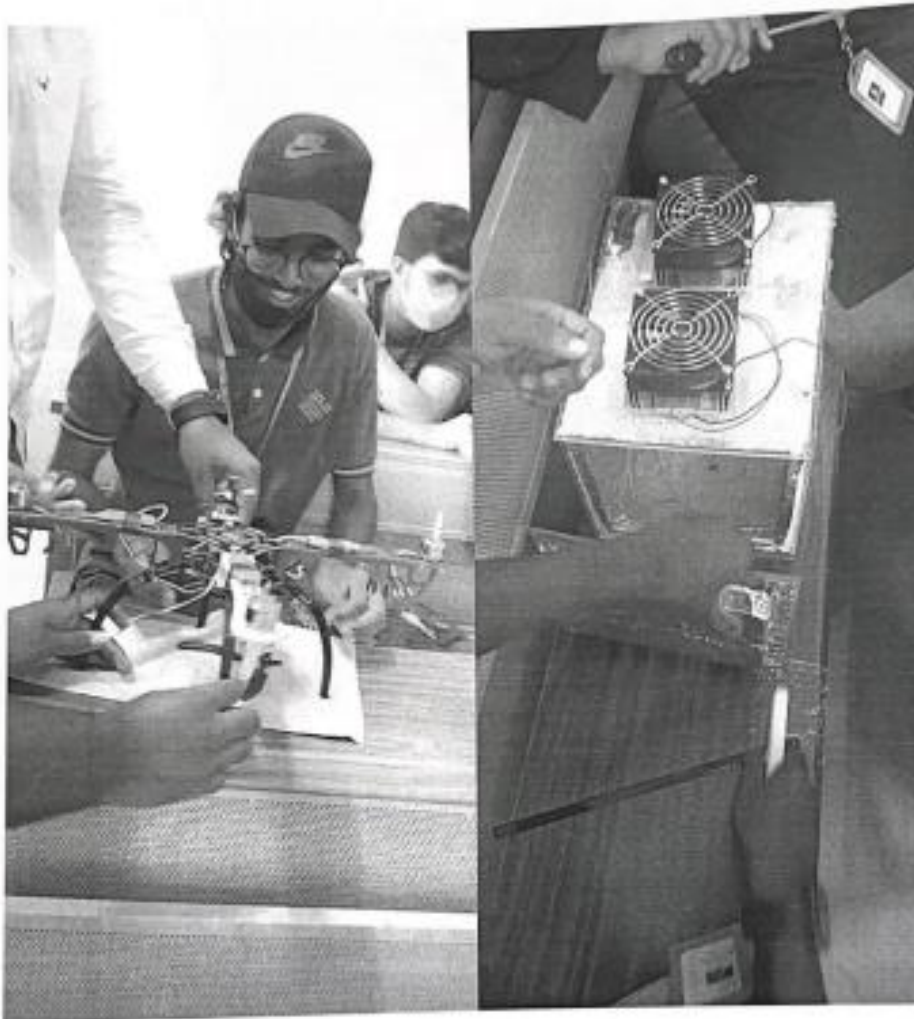
Pictures are attached below taken during the event which clearly shows the activeness of the trainer and the attentiveness of the Students.



  
Registrar  
REVA University  
Bengaluru - 560 064







Feedback:

Good

Its good

Based on training we have done project and it was useful session

It will improve my skill in IOT

  
Registrar

Registrar  
REVA University  
Bengaluru - 560 064