



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S  
RESEARCH FOUNDATION  
(Deemed to be University under section 3 of the UGC Act 1956)



Accredited by NAAC



Approved by AICTE

## **DEPARTMENT OF BIOMEDICAL ENGINEERING**

In Association with

**Force Biomedical, IETE, IEEE, LOREM REGENESIS**

Employability Enhancement course on Basics on Electronic Gadgets, components

Assembling & soldering (1 credit course)

On

18-04-2022, 21-04-2022 & 22-04-2022

Department of Biomedical Engineering, AVIT organized an Employability Enhancement course on Basics on Electronic Gadgets, components Assembling & soldering (1 credit course). Dr. L. K. Hema HOD/BME welcomed the gathering and also briefed the importance of Electronic gadgets and so on. Dr. G. Selvakumar, Principal delivered the Presidential Address and around 52 students from BME participated in the Programme. Mr. Raganathan handled the hands on training session and also explained about the gadgets like Multimeter usage its application, CRO/DSO, Function generator, RPS (regulated power Supply) soldering & desoldering.

Day 1 : Basics about Electronic gadgets, components and their working was briefed to the students. Devices like Multimeter, CRO, DSO, Function generator, RPS and soldering were explained in detail along with a demo session.

Day 2 : Practical hands on training on Function generators, DSO and CRO was conducted. Students were given a brief demo on handling the equipment and its working. They were working on these devices and got the output for the same.

Day 3 : A hands on session completely on Soldering and desoldering was demonstrated. Students were given kits, soldering guns, lead wires, flux and desoldering gun. Individually students had an opportunity to solder and desolder the kits.

Students explored the various components and had hands on training on the basic electronic gadgets. Also they learned about the applications of these electronic components in the field of Biomedical engineering. The session officially ended with the vote of thanks by Ms. Sandhiya R Assistant Professor, Biomedical Engineering.

Session by Mr. A. R. Ranganathan, Managing director Ohmtronics, Chennai.



Fig 1 : Practical session on Function generator and DSO

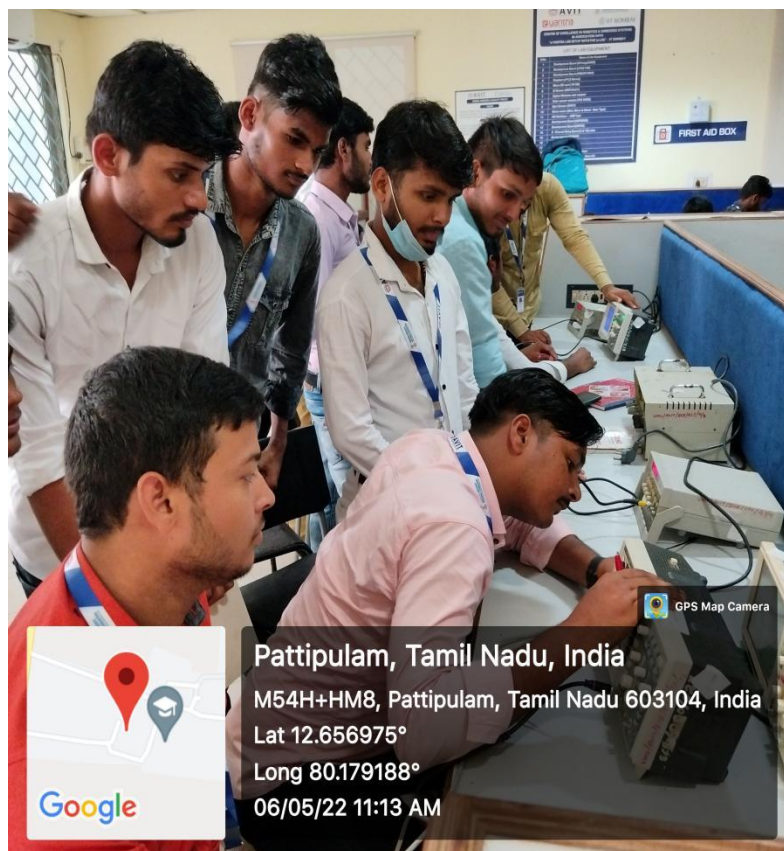


Fig 2 : Practical session on CRO

Session by Mr.A.R.Ranganathan, Managing director Ohmtronics, Chennai.





Fig 3 : Practical session on Soldering and desoldering



Fig 4 : Demonstration on electronic gadgets

Session by Mr.A.R.Ranganathan, Managing director Ohmtronics, Chennai.

**LIST OF PARTICIPANTS**

<b>SL NO</b>	<b>REG NO</b>	<b>NAME</b>
1	3532010501	AMRENDRA KUMAR SINGH
2	3532010502	ANISH KUMAR
3	3532010503	ANISH PRIYADARSHI
4	3532010504	AREPALLI MADHURI
5	3532010505	ASIF ALI
6	3532010506	BALAJI S
7	3532010508	HEMALATHA T
8	3532010509	JAMBUKESHWAR C
9	3532010510	JAY KRISHAN YADAV
10	3532010512	KRISHAN KUMAR
11	3532010513	LOKESHWARAN S
12	3532010515	MANISH KUMAR JHA
13	3532010517	MEENA JAYASTRI R
14	3532010518	MITHILESH KUMAR
15	3532010519	MOHAMED ASIK J
16	3532010520	MOHAMED NIZAR A
17	3532010522	NISHU KUMARI
18	3532010523	NITESH KUMAR THAKUR
19	3532010525	PONNARASAN M
20	3532010526	PRAVEENA R
21	3532010527	PRAVIN R
22	3532010528	PREMALATHA A
23	3532010529	PRIYADHARSHINI K
24	3532010532	SARANYA N
25	3532010534	SHAFUDEEN S
26	3532010536	SUSI M
27	3532010538	VELMURUGAN C
28	3531910502	ARIF MOHAMMED M
29	3531910503	ASHFAQUE MD
30	3531910504	ASHOK A
31	3531910505	DINESH E
32	3531910506	JEEVA R

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33	3531910509	MD SALAM
34	3531910512	MOHAMED KHALID H
35	3531910513	MOHANA S
36	3531910514	NANDHAKUMAR G
37	3531910515	PRAVEEN SINGH R
38	3531910516	RAMZANI S
39	3531910517	SAJAN KUMAR
40	3531910518	SAKTHI G
41	3531910519	SAMEER AKHTAR
42	3531910520	SARATH KUMAR S
43	3531910521	SARAVANAN S
44	3531910522	SIVA SAKTHI S
45	3531910523	SRI RAM M
46	3531815504	NITHIESH SHARMA S
47	3532155501	SANTHOSH KUMAR S
48	3531810501	ARUNKUMAR.M
49	3531810502	LINGADHARINI.P
50	3531810503	NAZEER HASSAN SIDDIQUI
51	3531810505	PADMAPRIYA.A
52	3531810506	SHABEENA AMIN

Session by Mr.A.R.Ranganathan, Managing director Ohmtronics, Chennai.