



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



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



INSTITUTION'S INNOVATION COUNCIL (IIC) – AVIT

DEPARTMENT OF BIOMEDICAL ENGINEERING IN ASSOCIATION WITH IEEE STUDENT BRANCH- AVIT & IETE STUDENTS FORUM

Any one social media Url Link Facebook/Twitter/Instagram/Linkedln	https://www.facebook.com/AVITChennai/posts/pfbid0SSqFRSYPH7mfVyMQwHnUfRwnoZ68jc6ahLM7Fbwi3iX2BacFqPpmkr9nDZh2m8k1l		
Program Driven by IIC Calendar Activity/ MIC Driven Activity/ Celebration Activity/Self driven activity	IIC Calendar Activity		
Event Title	Advanced Level Hands-On Training on Ventilators: Clinical Applications & Troubleshooting		
Resource Person	Mr.Vinothkumar Kannan Proprietor KAV Biomedical Equipment Training and Education Madurai		
Academic year	2024-2025	Quater	IV
Program Type Level 1 - Expert Talk/ Exposure Visit/ Mentoring Session (2 to 4 Hours) Level 2 – Conference / Exposure Visit / Seminar / Workshop (5 to 8 Hours) Level 3 – Bootcamp/ Competition/ Demo Day/ Exhibition / Workshop (9 to 8 Hours) Level 4 – Challenges/ Hackathon/ Tech Fest (Greater than 18 hours)	Level 2– Workshop		
Program Theme IPR & Technology Transfer / Innovation & Design Thinking / Entrepreneurship & Startup / Pre- Incubation & Incubation Management	Innovation & Design Thinking		
Start date & End Date (DD/MM/YYYY)	26.07.2024	26.07.2024	
Duration of the activity (in Mins) & Start Time & End Time	Duration: 120 Mins. (8 hrs)	Start Time: 10.00 AM	End Time: 3.00 PM
Participants	Students: 42	Faculty: 06	External:1



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Mode of session (online / offline) * Online Video Url compulsory	Offline	Expenditure Amount, If any	5000
Event Organizer / Coordinator Faculty Name / Department / Designation	Dr.S. Prasath Alias Surendar, Asso. Prof. BME/		
Target Participants	Students		
Outcome	Students and Staff members can acquire knowledge In different Types of problems in the medical device		

REPORT

Department of Biomedical Engineering in association with IEEE Student Branch- AVIT & IETE students Forum organized a One day Hands on Workshop “Advanced Level Hands-On Training on Ventilators: Clinical Applications & Troubleshooting” on 26.07.2024. The program was conducted in the Offline mode, Venue Smart Class Room. Ms.Merlin Sweeta, Student Co-ordinator, BME Department welcomed the gathering. At the onset Dr.L.K.Hema HOD/BME delivered the Welcome address and also briefed about the Critical Care Equipment and their importance. Mr.Dilip Kumar, Student Co-ordinator, BME Department gave a brief introduction about the speaker Vinothkumar Kannan.

The session speaker Mr.Vinothkumar Kannan, Proprietor KAV Biomedical Equipment Training and Education, Madurai who has an experience in this field for more than 4 years. He is an expertise in Manufacturing and Handling Bio-Medical Devices. He started the session with the basics of Ventilator originating in the human body. Later he gave a brief introduction about the Advanced Level Hands-On Training on Ventilators. The session involved many interactions with the students and applications were briefed. The students were also given hands on training on using the syringe pump, and Pulmonary Testing kit. The entire session was very new and the students were very interactive involved in handling the Equipment .

The event was officially winded of by an vote of thanks from Ms.Manasa, II year BME student and the event was coordinated by Dr.S.Prasath - Associate professor , BME Department. 42 Students and 6 Faculties attended the Event



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EVENT BROCHURE



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Cordially invites you all for the One-day Workshop on

**Advanced Level Hands-On Training on
Ventilators: Clinical Applications &
Troubleshooting**



Resource Person

Mr. VINOTHKUMAR KANNAN

Proprietor
KAV Biomedical Equipment Training and Education
Madurai



26th July 2024



Smart Class Room

Organized by
Department of Biomedical Engineering
In Association with
IEEE Student Chapter- AVIT & IETE students Forum



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EVENT GALLERY:



CHAWLA BLOCK, AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, Tamil Nadu 603104, India

Latitude
12.656590000000001°
Local 10:00:52 AM
GMT 04:30:52 AM

Longitude
80.17978333333333°
Altitude 8 meters
Friday, 26.07.2024



Fig 1 : Inauguration of the Workshop



M54H+HM8, Pattipulam, Tamil Nadu 603104, India

Latitude
12.6566604°
Local 10:36:55 AM
GMT 05:06:55 AM

Longitude
80.1794931°
Altitude 8 meters
Friday, 26.07.2024



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Fig 3 & 4: Ventilator Hands on Training



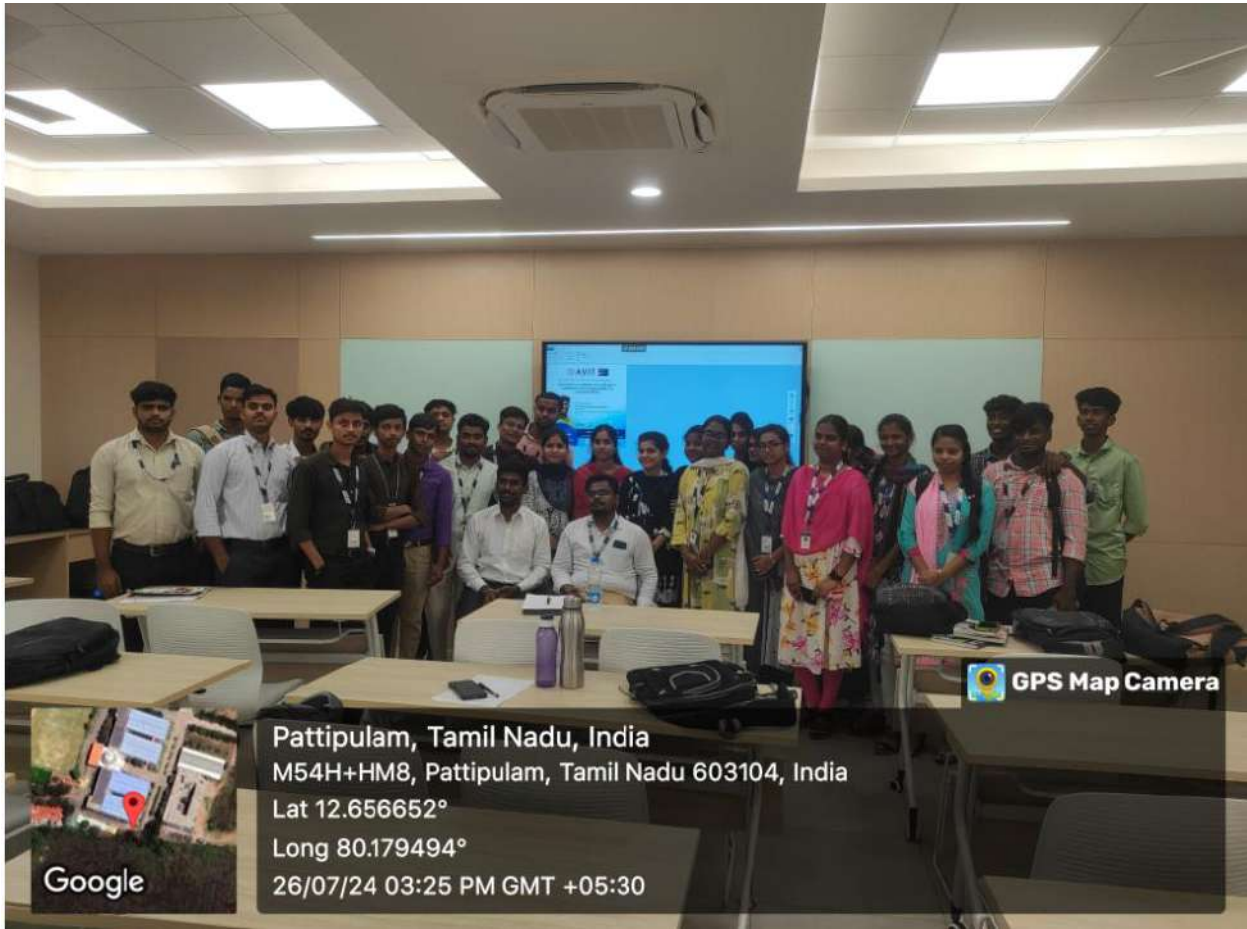
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Pattipulam, Tamil Nadu, India
M54H+HM8, Pattipulam, Tamil Nadu 603104, India
Lat 12.656652°
Long 80.179494°
26/07/24 03:25 PM GMT +05:30

GPS Map Camera



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LIST OF PARTICIPANTS

Sl.No	Participant Name	Department	Signature
1	RAJEEV KUMAR MAHAR	Biomedical Engineering	
2	Md. Aljal alam	Biomedical Engineering	
3	md Amirsubhani	"	
4	SHYAM BIHARI	BME	
	Jito Kumar	"	
6	M.Vel Murugan	III year Bio Medical	
7	T.Sanjay	Biomedical (BE)	
8	Vishwanathan P.	BME (IV)	
9	Mohammed faasil	BME (IV)	
10	Annaseelan	BME (IV)	
11	Yokeshwar	BME (IV)	
12	CHHOTU KUMAR	BME (III)	
13	Sonu Kumar	BME (III)	
14	Arman Ray	BME (III)	



Sl.No	Participant Name	Department	Signature
5	DIPESH KUMAR	BME 2 nd yr	Dipesh
10	Dipesh Mazumdar	BME 2 nd yr	Dipesh
14	Shivam kumar	BME 2 nd yr	Shivam
18	Dilli Akash G	BME 2 nd yr	G.Dilli
19	M. Kishore	BME 2 nd yr	M.K
20	D. Gethandharan	BME 2 nd yr	D.Gethandharan
21	M. Rohikumar	BME 2 nd yr	M.R
22	S. Mohamed Sultan ali	BME 2 nd yr	S.Ali
23	S. Monasa	BME 2 nd yr	S.M
24	Nandhini. A	BME 3 rd yr	Nandhini
25	S. Mira parveen	BME 3 rd yr	S.Mira
26	D. Abirani	BME 3 rd yr	Abirani
27	V. Lakshmi	BME 3 rd yr	V.Lakshmi
28	Dinjo Bhandi	BME 3 rd yr	Dinjo
29	Dinjo Bhatti	BME 4 th yr	Dinjo
30	S. Ranga	BME 4 th yr	S.R
31	S. Melin Suresh	BME 4 th yr	S.M
32	K. Divya	BME 4 th yr	K.Divya
33	Mamoj Sah	BME 4 th year	M.S



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SE No	Participant Name	Department	Signature
34	Bipin Kumar	Biomedical	<i>Bipin</i>
35	Amit Kumar	Biomedical	<i>Amit Kumar</i>
36	Rangan Kumar Jayaram	Biomedical	<i>Rangan</i>
37	Akshay Kumar Bishnoi	Biomedical	<i>Akshay</i>
38	Dilip Kumar	Biomedical	<i>Akshay</i>
39	Trishita Karmaveer Das	Biomedical	<i>Trishita</i>
40	R. Bavani	Biomedical	<i>Bavani</i>
41	Shruti Kumari	Biomedical	<i>Shruti</i>
42	Shikha Soni	Biomedical	<i>Shikha Soni</i>