



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/LinkedIn | 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 |

| | | | |
|---|--|-------------------------------|------|
| 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:



Fig 1 : Inauguration of the Workshop





Fig 3 & 4: Ventilator Hands on Training



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
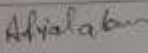
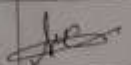
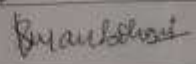
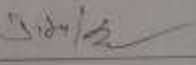


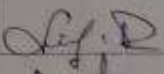
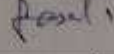
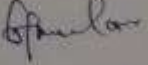
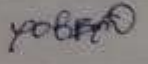





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LIST OF PARTICIPANTS

|  AVIT  VINAYAKA MISSION'S RESEARCH FOUNDATION   | | | |
|--|--------------------|-------------------------|---|
| AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY DEPARTMENT OF BIOMEDICAL ENGINEERING ONE-DAY WORKSHOP ON "ADVANCED LEVEL HANDS-ON TRAINING ON VENTILATORS: CLINICAL APPLICATIONS & TROUBLESHOOTING" Date: 26.07.2024 Time : 10.00 AM | | | |
| Sl.No | Participant Name | Department | Signature |
| 1. | RASEEV KUMAR MAHOL | 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 faiz | BME (IV) |  |
| 10. | Annaselvan | BME (IV) |  |
| 11. | Xokeshwar | BME (IV) |  |
| 12. | CHHOTU KUMAR | BME (III) |  |
| 13. | Sonu kumar | BME (III) |  |
| 14. | Laxman Ray | BME (III) |  |



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| Sl.No | Participant Name | Department | Signature |
|-------|-----------------------|------------------------|-----------------------|
| 5 | DIPESH KUMAR | BME 3 rd yr | Dipesh |
| 12 | Dipesh Hazare | BME 3 rd yr | Dipesh |
| 14 | Shivam Kumar | BME 3 rd yr | Shivam |
| 18 | Dinu Akash G | BME 3 rd yr | G. Dinu |
| 19 | M. Kishore | BME 3 rd yr | M. Kishore |
| 20 | D. Gokhandharman | BME 3 rd yr | D. Gokhandharman |
| 21 | M. Rohikumar | BME 3 rd yr | M. Rohikumar |
| 22 | S. Mohamed Sultan Ali | BME 3 rd yr | S. Mohamed Sultan Ali |
| 23 | S. Monasa | BME 3 rd yr | S. Monasa |
| 24 | Nandini A | BME 3 rd yr | Nandini A |
| 25 | S. Hira Parveen | BME 3 rd yr | S. Hira Parveen |
| 26 | D. Abirani | BME 3 rd yr | D. Abirani |
| 27 | V. Lakshmi | BME 3 rd yr | V. Lakshmi |
| 28 | Dinjo Bhandi | BME 3 rd yr | Dinjo Bhandi |
| 29 | Dinjo Bhandi | BME 3 rd yr | Dinjo Bhandi |
| 30 | S. Ranga | BME 3 rd yr | S. Ranga |
| 31 | S. Mathin Suresh | BME 3 rd yr | S. Mathin Suresh |
| 32 | K. Divya | BME 3 rd yr | K. Divya |
| 33 | Mamaji Sath | BME 3 rd yr | Mamaji Sath |

