

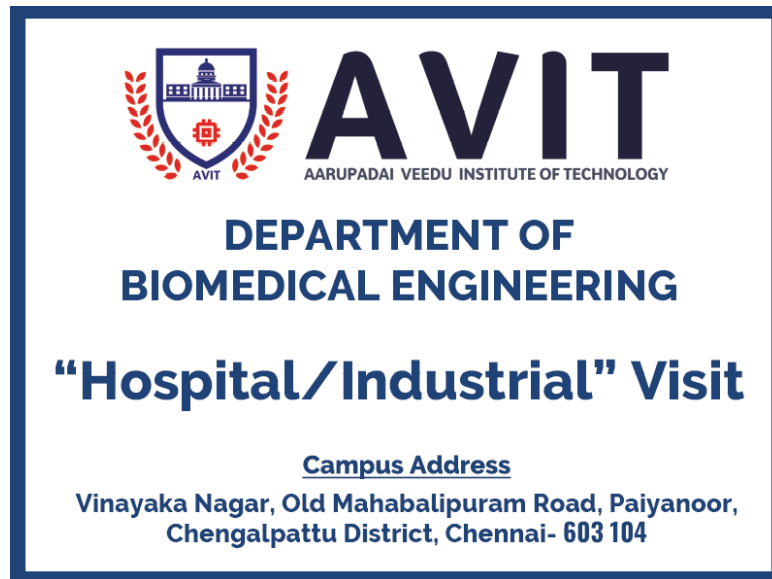
DEPARTMENT OF BIOMEDICAL ENGINEERING
Organizes

Event Title	Hospital Visit		
Academic year	2021-2022		
Program Type (Workshop / Motivation speech / Field Visit / Competition / Others)	Field Visit		
Program Theme (IPR / R&D and Innovation / Start-up / Entrepreneurship / Design Thinking / Incubation & Pre - Incubation / others)	R&D and Innovation		
Start date & End Date (DD/MM/YYYY)	12/05/2022	12/05/2022	
Duration of the activity (in Mins) & Start Time & End Time	Duration: 240 Mins	Start Time: 9.00 AM	End Time: 04:00 PM
Participants	Students: 52	Faculty: 04	External: Nil
Expenditure in Rupees	Rs.15000/-		
Mode of session (online / offline)	Offline		
Promotional link in Social Media (Facebook / Twitter / Instagram)			
Session Recording link (YouTube / Stream / MS Teams / Zoom)	NA		
Event Organizer / Coordinator Faculty Name / Department / Designation	Mr. V. Prabhakaran, Assistant Professor (G-II)/BME		
Target Participants	II, III & IV Year students of Engineering and Technology		
Outcome	Students are exposed to various health care diagnostic and therapeutic equipment's/devices practiced in hospital sector with their working principle and operating procedure.		

The Department of Biomedical Engineering – AVIT has organized a hospital visit to “Aarupadai Veedu Medical College (AVMC)”, Pondicherry on 12/05/2022. This field event was facilitated by Mr.Thiyagarajan, Senior Biomedical Engineer, Aarupadai Veedu Medical College (AVMC), Pondicherry. The following faculty members have accompanied students for the hospital visit

1. Mr.V.Prabhakaran – Assistant Professor (G-II)/BME
2. Mr.Karthikeyan – Assistant Professor (G-II)/ECE
3. Ms.Lakshmi Shree – Assistant Professor/BME
4. Ms.Sandhya – Assistant Professor/BME

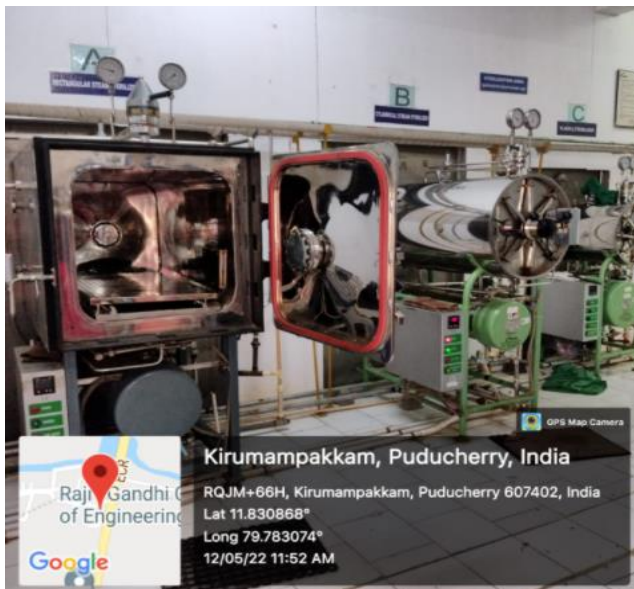
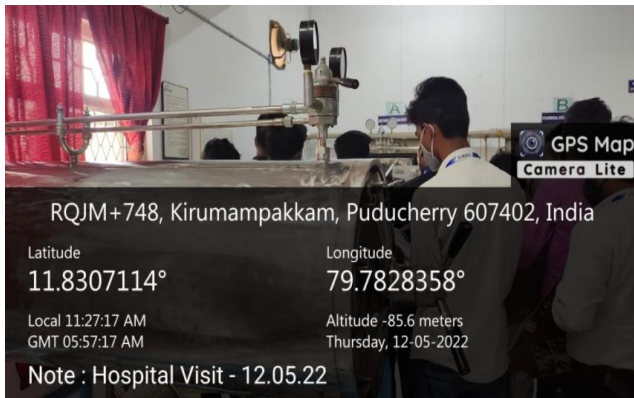
This program was overall coordinated by Mr.V.Prabhakaran, Assistant Professor (G-II)/BME – AVIT, Chennai.



EVENT BANNER

The Field trip was started at 7.30 AM from “AVIT”, Chennai, towards the Hospital Visit at “Aarupadai Veedu Medical College (AVMC)”. Initially the trip was started with general introduction about various biomedical devices and equipment and the students showed very good interest on the biomedical equipment’s working and operating procedures.

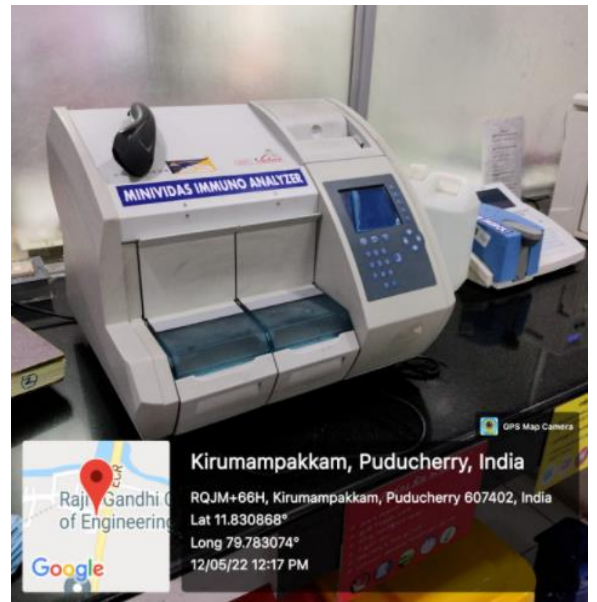
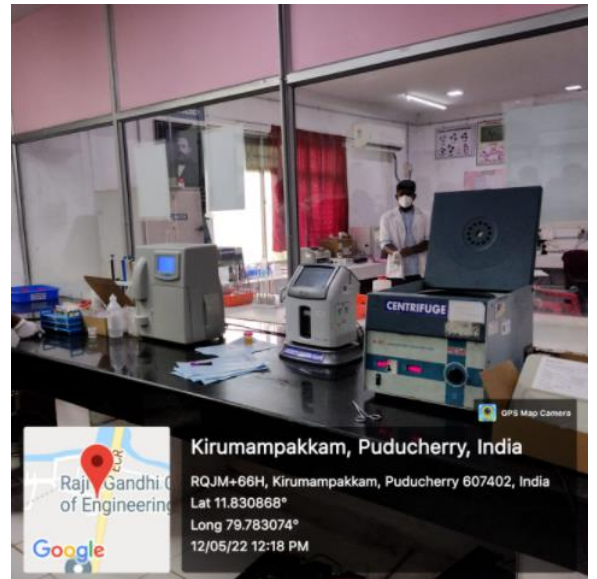
Initially, as a start of the Visit, Mr.Thiyagarajan, Senior Biomedical Engineer, “Aarupadai Veedu Medical College (AVMC)” has demonstrated the working principle of “Biomedical Waste/Instrument Sterilization Unit” and also the procedures for inducing waste on to the machine for sterilization. He also elaborated on the Waste segregation, treatment of waste and various procedures involved in waste disposal. Further, he also explained about the various strategies involved in biomedical instruments sterilization which is the mandate for any medical instruments.



Demonstration of “Biomedical Sterilization Unit”

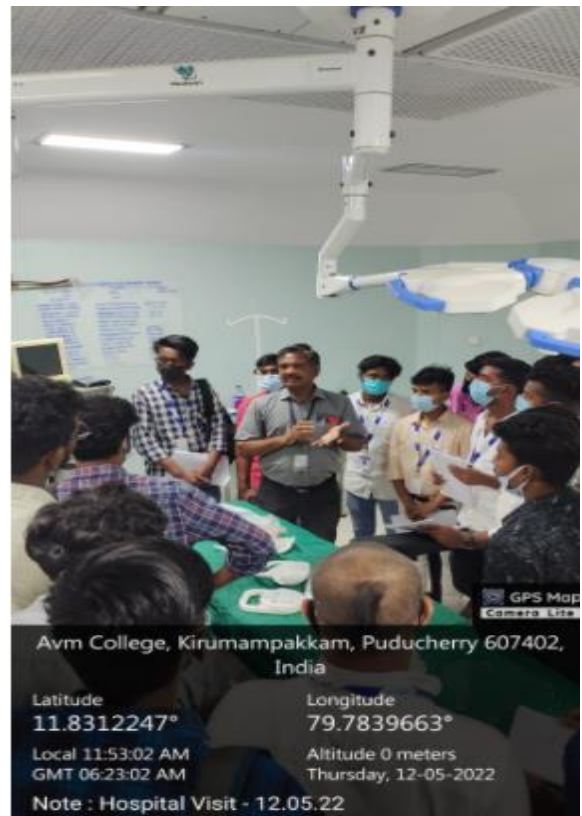
Mr.Thiyagarajan, have also demonstrated on the below mentioned units/machines that are widely used in many hospital sectors with its working principle and operating procedures.

1. Operation Theater Unit
2. Anesthesia Workstation
3. CT Image Scanning Machine
4. MRI Image Scanning Machine
5. X-Ray Machine
6. Pathology Lab [Immuno Analyzer, Heme Separator, Semi-Auto Analyzer, Auto Analyzer, Centrifuge, Diabetics analyzer, Blood test unit, etc.]
7. Surgical Instruments
8. Nurse Station
9. Hospital Administration
10. Out-Patient Ward

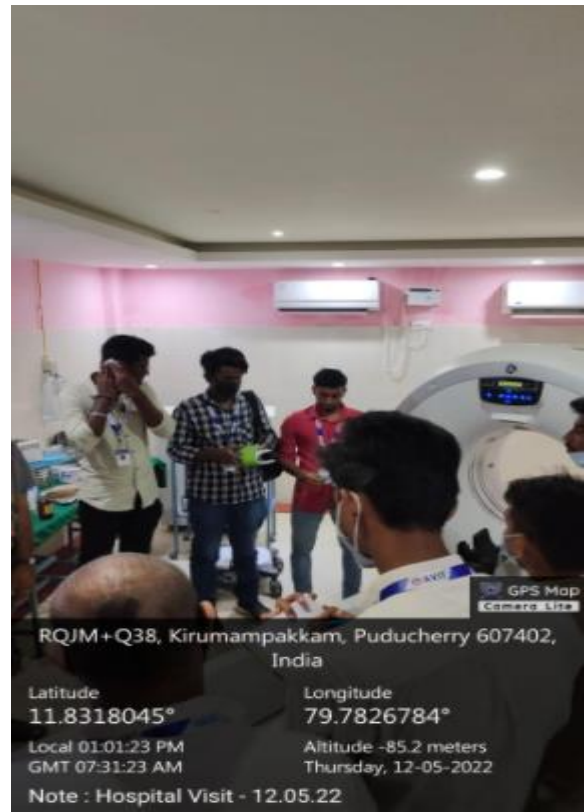
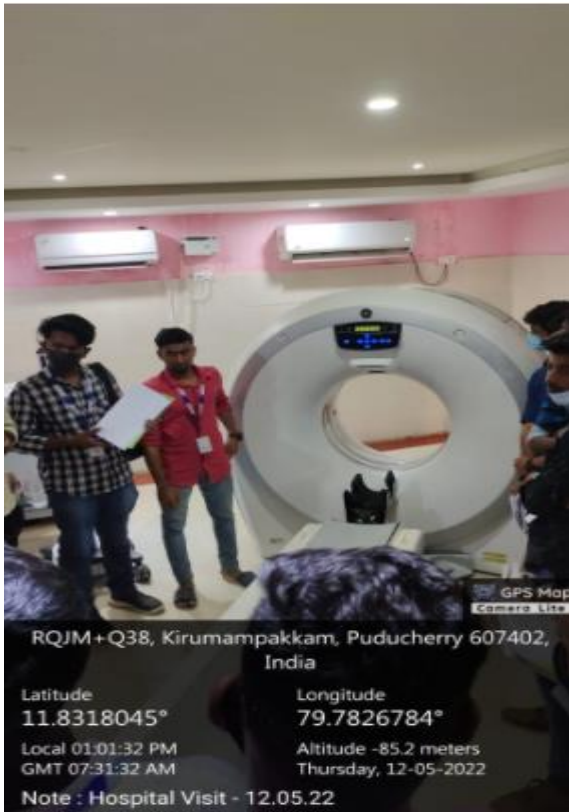




Demonstration of "Anesthesia Workstation"



Demonstration of "Operation Theater Unit"



Demonstration of “CT & MRI Scan Machine”



Finally, the hospital visit ended with doubt clearing session by Mr.Thiyagarajan, Senior Biomedical Engineer, AVMC and all the students were instructed to prepare a “Hospital Visit – Report” for their official submission.

STUDENT PARTICIPATION LIST

S.NO	STUDENT NAME	REGISTER NUMBER	YEAR/SEM
1	AMRENDRA KUMAR SINGH	3532010501	II/III
2	ANISH KUMAR	3532010502	II/III
3	ANISH PRIYADARSHI	3532010503	II/III
4	AREPALLI MADHURI	3532010504	II/III
5	ASIF ALI	3532010505	II/III
6	S.BALAJI	3532010506	II/III
7	HEMALATHA T	3532010508	II/III
8	JAMBU KESHWAR.C	3532010509	II/III
9	JAY KRISHAN YADAV	3532010510	II/III
10	KRISHAN KUMAR	3532010512	II/III
11	LOKESHWARAN	3532010513	II/III
12	MANISH KUMAR JHA	3532010515	II/III
13	MEENA JAYASTRI. R	3532010517	II/III
14	MITHILESH KUMAR	3532010518	II/III
15	MOHAMED ASIK.J	3532010519	II/III
16	MOHAMED NIZAR A	3532010520	II/III
17	NISHU KUMARI	3532010522	II/III
18	NITESH KUMAR THAKUR	3532010523	II/III
19	PONNARASAN.M	3532010525	II/III
20	PRAVEENA.R	3532010526	II/III
21	R. PRAVIN	3532010527	II/III
22	PREMALATHA.A	3532010528	II/III
23	PRIYADHARSHINI.K	3532010529	II/III
24	SARANYA	3532010532	II/III
25	SUSI.M	3532010536	II/III
26	VELMURUGAN C	3532010538	II/III
27	SHAFUDEEN	3532010534	II/III
28	ARIF MOHAMMED M	3531910502	III/V
29	ASHFAQUE MD	3531910503	III/VI
30	ASHOK A	3531910504	III/VI
31	DINESH E	3531910505	III/VI
32	JEEVA R	3531910506	III/VI
33	MD SALAM	3531910509	III/VI
34	MOHAMED KHALID H	3531910512	III/VI
35	MOHANA S	3531910513	III/VI
36	NANDHAKUMAR G	3531910514	III/VI
37	PRAVEEN SINGH R	3531910515	III/VI
38	RAMZANI S	3531910516	III/VI
39	SAJAN KUMAR	3531910517	III/VI
40	SAKTHI G	3531910518	III/VI
41	SAMEER AKHTAR	3531910519	III/VI

42	NITHESH SHARMA	3531815504	III/VI
43	SANTHOSH KUMAR	353215501	III/VI
44	SARATH KUMAR S	3531910520	III/VI
45	SARAVANAN S	3531910521	III/VI
46	SIVA SAKTHI S	3531910522	III/VI
47	SRI RAM M	3531910523	III/VI
48	ARUN KUMAR M	3531810501	IV/VIII
49	LINGADHARINI P	3531810502	IV/VIII
50	NAZEER HASSAN SIDDIQUI	3531810503	IV/VIII
51	PADMAPRIY A	3531810505	IV/VIII
52	SHABEENA AMIN	3531810506	IV/VIII