

**JERUSALEM COLLEGE OF ENGINEERING
DEPARTMENT OF BIOMEDICAL ENGINEERING
REPORT ON WORKSHOP AND HANDS-ON TRAINING**

DATE: 13.02.2023

Title of the Workshop: Advanced-Level Medical Equipment Training

Resource Person: Training Team under supervision of Dr. Atheena Milagi Pandian
Founder, Atheenapandian Pvt., Ltd.,
Chennai.

Venue: Biomedical Instrumentation Laboratory

The Department of Biomedical Engineering organized a Workshop and Hands-on Training on Advanced-Level Medical Equipment Training – Level I, on **10.02.2023 (Friday)** and **11.02.2023 (Saturday)**. The Workshop was conducted for second year BME students on both days.

The students were trained by Ms. Samipriya and Ms. Jemima, Biomedical Trainers from Atheena Pandian Private Limited. The workshop was conducted for students to get hands-on training on biomedical equipment. Atheena Pandian Private Limited is a company providing the biomedical equipment in-plant training and internship to all biomedical engineering students.

A fundamental lecture related to basic anatomical and physiological systems in human body and the scope of biomedical engineers were provided. The equipment such as infusion pumps and syringe pumps were demonstrated, dismantled, troubleshooted and reassembled. Students were also given valuable information about the specifications of the equipment. They were also trained on construction, working and model making using 3D printers. Various information was shared and students were interactive throughout the session. Students were allowed to dismantle the equipment. They were also trained at assembly and working of surgical head lamps. At the end of the session a written test was conducted to test the effectiveness of the training sessions.

Enclosures:

Sample Photos
Poster copy


HOD/BME 7/8/23


PRINCIPAL 13/2/23

POSTER DESIGNED FOR THE WORKSHOP



JERUSALEM COLLEGE OF ENGINEERING

(An AUTONOMOUS INSTITUTION)

Narayanapuram, Pallikaranai, Chennai - 600100



Department of Biomedical Engineering

BIOMEDICAL ENGINEERS' ASSOCIATION

Organizes

WORKSHOP & HANDS-ON TRAINING

On

ADVANCED-LEVEL MEDICAL EQUIPMENT TRAINING

TRAINER

Dr. Atheena Milagi Pandian

Founder, Atheena Pandian Pvt., Ltd.,
Chennai.

Date **10 Feb 2023 & 11 Feb 2023** | Time **08:30am - 3:30pm**
Venue **Biomedical Instrumentation Lab, 3rd Floor, Main Block.**

Ms C L AnnaPoorani
Workshop Coordinator

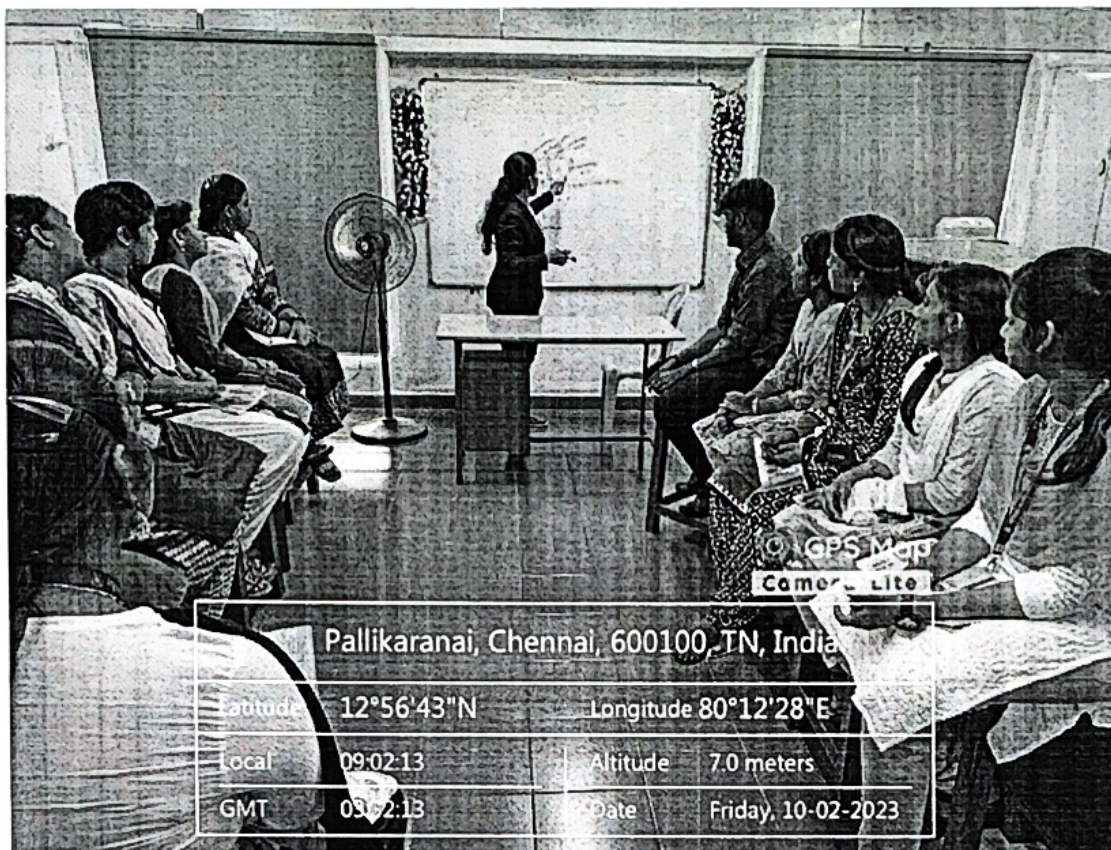
Dr J Sofia Bobby
HOD,BME

Dr Ramesh S
Principal

Prof Dr M Mala
Chairperson

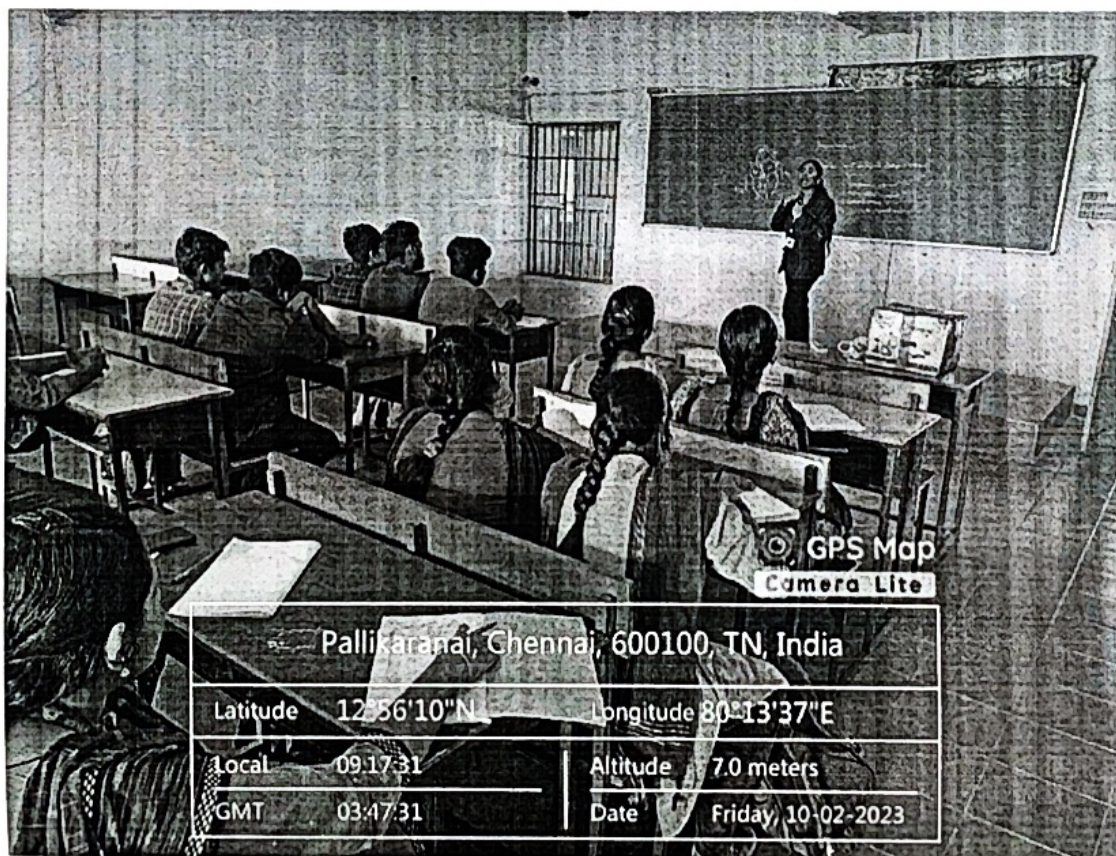
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Training on fundamentals of physiological systems:



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Pallikaranai, Chennai, 600100, TN, India			
Latitude	12°56'43"N	Longitude	80°12'28"E
Local	09:02:13	Altitude	7.0 meters
GMT	03:02:13	Date	Friday, 10-02-2023



© GPS Map
Camera Lite

Pallikaranai, Chennai, 600100, TN, India			
Latitude	12°56'10"N	Longitude	80°13'37"E
Local	09:17:31	Altitude	7.0 meters
GMT	03:17:31	Date	Friday, 10-02-2023

Surgical head light & Syringe pumps demonstration:

