



DEPARTMENT OF BIOMEDICAL ENGINEERING

WORKSHOP REPORT

On

“HANDS ON TRAINING ON ECG MACHINE”

07.10.2021

PROGRAM DETAILS

The Department of Biomedical Engineering conducted a program to Biomedical engineering Students on the topic “HANDS ON TRAINING ON ECG MACHINE ” on 08.10.2021.

At the outset , Dr.L.K.Hema, Professor and Head , Department of ECE/BME, delivered the welcome address , followed by the Presedential address by Dr.G.Selvakumar , Principal, AVIT. Dr.D.Vijendra Babu, Vice principal -Part time studies AVIT ,delivered the felicitation address and shared their valuable thoughts to students. Followed by the special address by the delegates , the speaker introduction was given by Ms.Sandhiya , Assistant Professor, BME.

Later , The chief Guest , Dr.C.Vaishnava Devi , Director Incharge of FAHS , VMRF - DU with lot of insights about ECG machine Techniques and methodology gave an introduction about the Anatomy of the heart.ECG being one of the vital measurement , the basics of Heart anatomy and conduction system was briefed. The Purpose of ECG , Measurement methods , electrodes and Lead system was then explained in detail to the students.

Later the Practical session which involved the Demonstration of the ECG machine was exhibited by the cardiologist from FAHS department . Students were then allowed to learn the placement of electrodes , machine settings and the analysis of ECG graph obtained.

Students had a great experience in handling the ECG machine and the live session evoked a lot of interest and enthusiasm among the students.

The workshop was concluded by Vote of Thanks by Ms. Sandhiya and coordinated by Ms.Lakshmi Shree B and Prabhakaran (BME Dept).

EVENT GALLERY

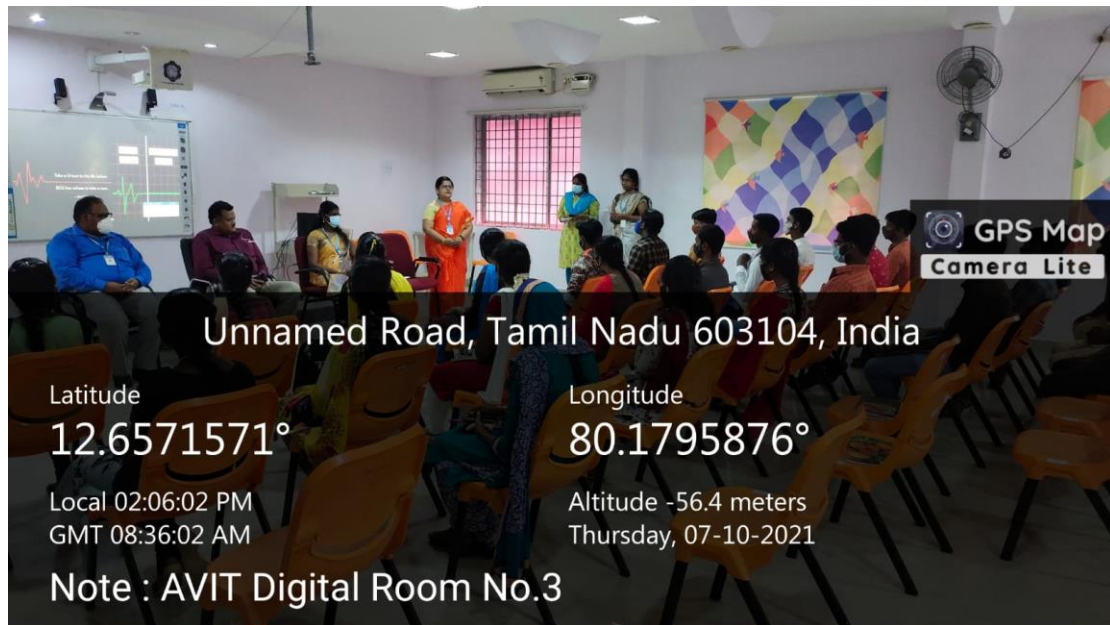


Fig 1 : Welcome address by HOD (ECE/BME) , AVIT

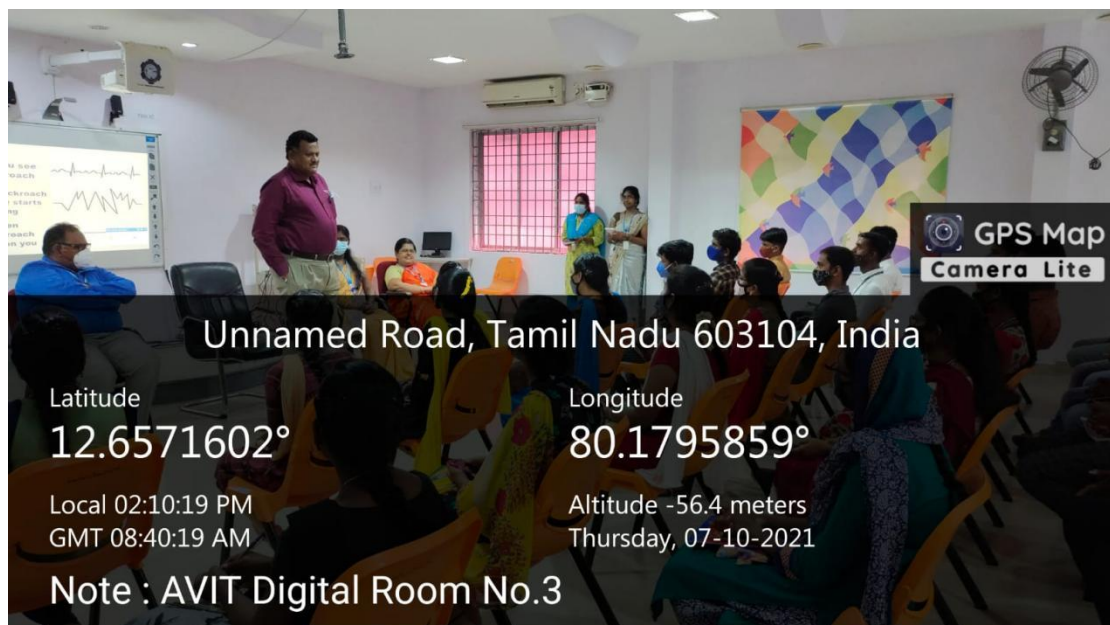


Fig 2 : Presidential address by Principal , AVIT

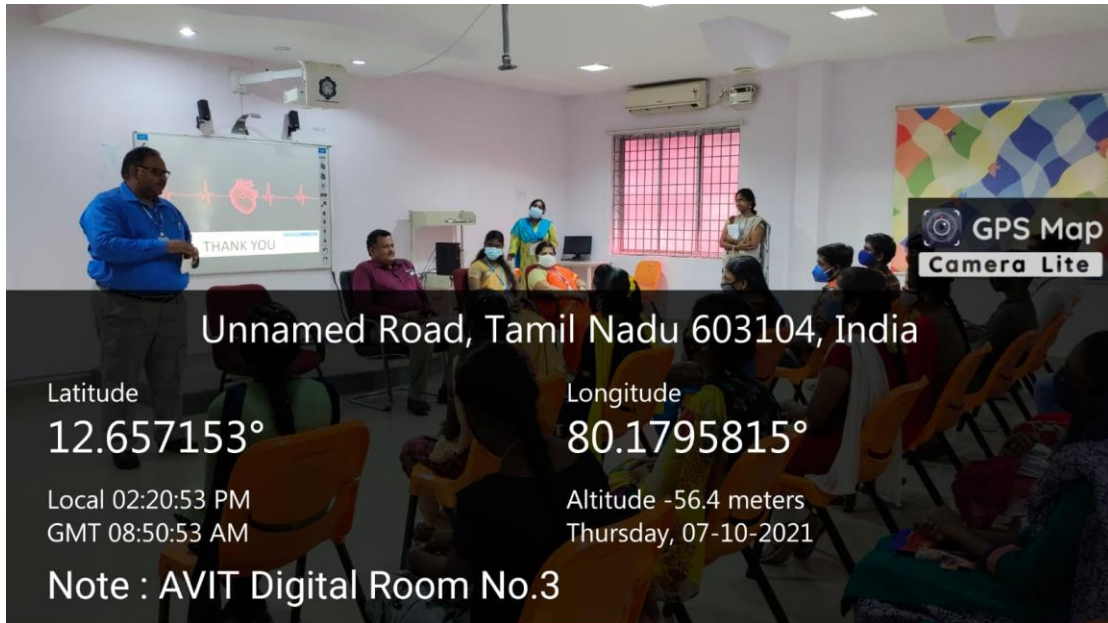


Fig 3 : Felicitation address by Vice-Principal , Part time studies , AVIT

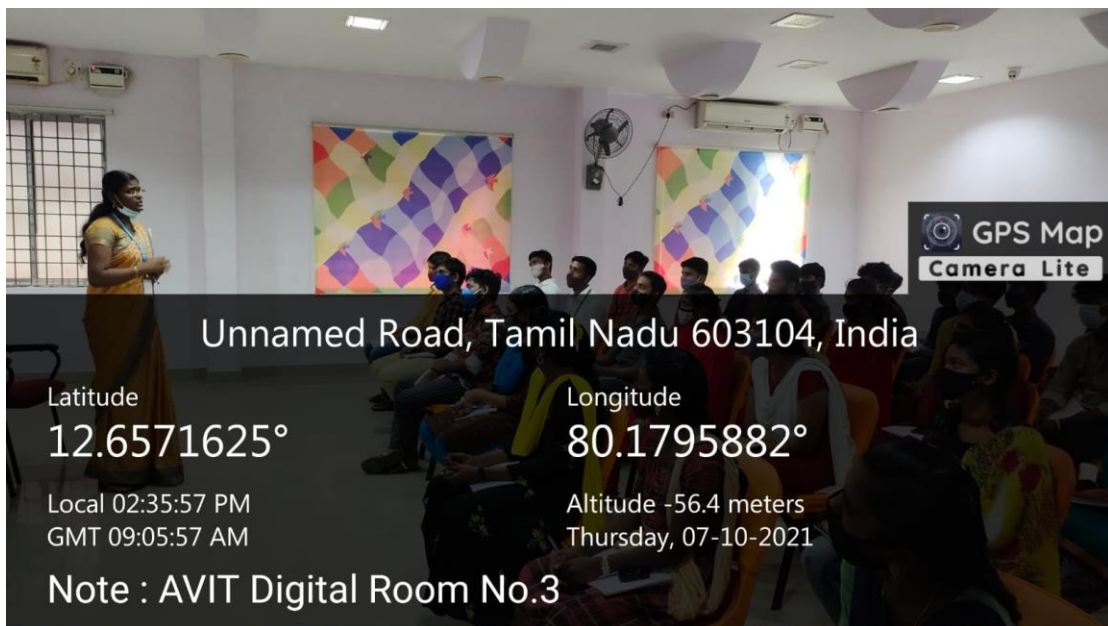


Fig 4 : Introduction to ECG machine by Dr.C.Vaishnava Devi , FAHS , AVIT



Fig 5: ECG machine setup



Fig 6 : Live Demo on ECG equipment



Fig 7 : Students practicing ECG on a subject

