



KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")



DEPARTMENT OF BIOMEDICAL ENGINEERING

Report on the Workshop 'Biomedical Signal and Image Processing'

The workshop was conducted on 29th and 30th of January 2021 in association with Pantech E-learning Solutions.

The banner features the KPR Institute of Engineering and Technology logo and name at the top, followed by the department name and association with Pantech E-Learning Solutions. It includes the workshop title, dates (29th and 30th January, 2021), time (11:00 AM to 01:00 PM), a Google Meet link, and the names of the convenor and coordinator. Logos for the Innovation Council and Innovation Cell are also present.

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

DEPARTMENT OF BIOMEDICAL ENGINEERING
in association with
PANTECH E-LEARNING SOLUTIONS
proudly organizes a workshop on
BIOMEDICAL SIGNAL AND IMAGE PROCESSING

<https://meet.google.com/utt-ezhc-wbu>
29th and 30th January, 2021
11.00 AM to 01.00 PM

Convenor:
Dr. D.Ganeshkumar
Head/BME
Coordinator:
Ms. M.Swathy
Assistant Professor/BME

kpriet.ac.in

The session was handled by Mr. V.Jishnu. He is an expert in Matlab and robotic automations. The first day session focussed on the basics of image and signal processing.

The following points were discussed on day 1 – Introduction to Matlab, Matlab libraries, sample program to process an image and a signal.

The day 2 session focussed on the processing of a CT image of human brain. The image was analysed by segmentation methods. Later, an ECG signal was taken for analysis. Nearly 130 students attended the session.

