

COLLEGE OF ENGINEERING PERUMON
Department of Computer Science & Information Technology
KTU sponsored FDP on EMERGING TRENDS AND DEVELOPMENTS IN BIOMEDICAL ENGINEERING
09th to 14th August 2021

SCHEDULE

DATE	9.30AM - 12.30PM	1:30PM - 04:30 PM
Day 1 09/08/2021 Monday	TECHNOLOGIES IN BIOLOGY AND MEDICINE Dr. Deepak Mishra, Professor and Head, Department of Avionics, IIST, Trivandrum	ANATOMY AND PHYSIOLOGY FOR ENGINEERS Mr. Jithin Krishnan, Scientist/Engineer, Medical Instrumentation Biomedical Technology Wing, SCTIMST
Day 2 10/08/2021 Tuesday	BIOMEDICAL SENSING & ELECTRONIC SYSTEM Dr. Anoop C.S, Associate Professor, Department of Avionics, IIST, Trivandrum.	BIOMEDICAL IMAGE PROCESSING Dr. Varun P. Gopi, Assistant Professor Grade-I Department of ECE, NIT, Tiruchirappalli
Day 3 11/08/2021 Wednesday	MEDICAL INSTRUMENTS AND DEVICES Mr. Jithin Krishnan, Scientist/Engineer, Medical Instrumentation, Biomedical Technology Wing, SCTIMST	APPLICATIONS OF MACHINE LEARNING IN BIOLOGY Mr. Sumod Sundar, Assistant Professor Centre for Artificial Intelligence, TKMCE Kollam
Day 4 12/08/2021 Thursday	MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE IN BIOMEDICAL ENGINEERING Mr. Sumod Sundar, Assistant Professor Centre for Artificial Intelligence,TKMCE Kollam	RESEARCH AREAS IN BIOMEDICAL ENGINEERING Dr. Deepak Mishra, Professor and Head, Department of Avionics, IIST, Trivandrum
Day 5 13/08/2021 Friday	ENGINEERING THE DETECTION OF NEURODEGENERATIVE DISEASES Dr. Beshiba Wilson, Associate Professor, Department of CSE, Lourdes Matha College of Science and Technology, Trivandrum	ALZHEIMER'S DISEASE DETECTION Dr. Varun P. Gopi, Assistant Professor Grade-I Department of ECE, NIT Tiruchirappalli
Day 6 14/08/2021 Saturday	HEALTH CARE PRACTICES Dr.V.SunilRaj Psychologist	COMPUTER AIDED DETECTION OF RETINOPATHY OF PREMATURITY Dr.Sivakumar R, Associate Professor Department of ECE,CET