



5 days online AICTE-ATAL sponsored FDP on Biomedical Instrumentation-Research Challenges

FDP-Schedule

Date: 24-28 Aug 2020

Day/ Time	Session I 9:30AM - 11:00 AM	Session II 11:30AM - 1:00PM	Session III 2:00PM - 3:30PM	Session IV 3:30PM- 4:30PM	Session V 5:00 PM - 6:30 PM
Day 1 [24-08-2020]	Inauguration of AICTE-ATAL Sponsored FDP	Dr A. Lenin Fred Professor, Department of CSE, Mar Ephraem College of Engineering and Technology, Kanyakumari district, Tamil Nadu Topic: Biomedical Instrumentation- Scope & Research Challenges	Mr Ravi MA Business Development Manager Fluke Health Solutions, Bangalore Topic: Medical Equipment Manufacturing Standards and Testing	Stress management -Sahaja Yoga Meditation	Free
Day 2 [25-08-2020]	Dr Sukeshkumar A Rtd Principal, Government Engineering College, Palakkad IEEE EMBS Kerala State Vice Chairman Topic: Trends in Biomedical Engineering,	Dr Varun Gopi Assistant Professor ,Department of ECE,NIT Tiruchirappalli Topic: Medical Image Processing-Research Challenges	Dr D.Selvathi Senior Professor, Department of ECE, Mepco Schlenk Engineering College , Sivakasi, Tamilnadu Topic: Deep Learning Techniques for Medical Images Analysis	Fr. Toby Joseph SJ, Director of Atmamitra Centre, Kalady Cochin Topic: Emotional Management for Life Excellence	Free
Day 3 [26-08-2020]	Dr Asha N.D Head of the Department, Department Biomedical Engineering, Govt. Polytechnic College, Vechoochira, Pathanamthitta. Topic: IOT in Healthcare Sector	Dr.B. Priestly Shan Dean - Academics, Galgotias University Professor in Bio-Medical Signal/Image Processing ISO 9001:2015 Certified Lead Auditor, ZED Accessor & Master Trainer (CII) Topic: Research Trends in Medical Image Processing	Free	Free	Mr Venketesh Ranganathan Department of Physics and Physical Oceanography, Memorial University of Newfoundland, Canada Topic: Small Angle Neutron Scattering- Understanding the structure of biological macromolecules and research challenges
Day 4 [27-08-2020]	Dr S. Vijayakumar Vice-Chairman, IEEE PSES Madras Chapter Senior Member-IEEE. Topic: Era of Nanotechnology and its Biomedical Applications	Dr Muhammed Shanir P.P, Assistant Professor Department of Electrical & Electronics Engineering, TKM College of Engineering, Kollam Topic :Research Challenges in Biosignal Processing	Mr Nanda Kumar Bio Medical Engineer M/S Prime Bio Medical Systems Tamilnadu. INDIA. Topic : Advancement in Medical Equipment and Its Applications	Stress management -Sahaja Yoga Meditation	Free
Day 5 [28-08-2020]	Dr V.Kavitha, Professor, Head of the Department, Department of CSE University College of Engineering, Kancheepuram, Tamil Nadu Topic: Patenting Research Innovations	Dr C Seldev Christopher Professor/ Department of CSE St. Xaviers Catholic College of Engineering, Kanyakumari, Tamil Nadu Topic: Research opportunities and Challenges in EEG Signals	Dr Nikil Marriwala Head of the Department Department of ECE University Institute of Engineering and Technology, Kurukshetra Topic: Designing a Biosignal Preprocessing System for ECG,EEG and EMG signals	Online Exam (30 Min) Stress management -Sahaj Yoga Meditation	Free