



VIMAL JYOTHI ENGINEERING COLLEGE CHEMPERI, KANNUR KERALA
DEPARTMENT OF ELECTRONICS AND COMMUNICATION
Two Week AICTE Sponsored FDP on Research Challenges in Bio-signal and Image
Processing for Medical and Health Sciences From 20/5/2019 to 1/6/2019
Program Schedule



Date	9:00 - 10:00		10:10 - 12:00		1:00 - 3:00		3:10 - 4:10
20/5/2019 Monday	Registration		Inauguration: Dr. Ramesh Unnikrishnan, Director AICTE Guest of Honours: Dr M Madheswaran, Principal Mahendra Engg College Namakkal		Session 1 : Research Challenges Biosignal and Image Processing an overview By Dr M Madheswaran, Principal Mahendra Engg College Namakkal		Session 2: Research Challenges Biosignal and Image Processing an overview By Dr M Madheswaran, Principal Mahendra Engg College Namakkal
21/5/2019 Tuesday	Session 1: Wearable and Implantable Technologies By Dr. Nirmal, Professor Karunya university	TEA BREAK	Session 2: Wearable and Implantable Technologies By Dr. Nirmal, Professor Karunya university	LUNCH BREAK	Session 3: Wearable and Implantable Technologies By Dr. Nirmal, Professor Karunya university	TEA BREAK	Session 4: Wearable and Implantable Technologies By Dr. Nirmal, Professor Karunya university
22/5/2019 Wednesday	Session 1: Image Transforms By Dr. Esakkirajan, Porfessor PSG Tech Coimbatore		Session 2: Image Transforms By Dr. Esakkirajan, Porfessor PSG Tech Coimbatore		Session 3: Image Denoising By Dr. Esakkirajan, Porfessor PSG Tech Coimbatore		Session 4: Image Denoising By Dr. Esakkirajan, Porfessor PSG Tech Coimbatore
23/5/2019 Thursday	Session 1: MEMS & Biosensors By Dr. Jothi Ramalingam, Assoc.Professor, Mahendra Engg College Namakkal		Session 2: MEMS & Biosensors By Dr. Jothi Ramalingam, Assoc.Professor, Mahendra Engg College Namakkal		Session 3: MEMS & Biosensors By Dr. Jothi Ramalingam, Assoc.Professor, Mahendra Engg College Namakkal		Session 4: Database Management By Dr. Anto Sahaya Dhas, Professor, DECE VJEC
24/5/2019 Friday	Session 1 : Roll of Cloud Computing in Medical Image Processing By Dr. Meena Professor, Veltech Chennai		Session 2 : Roll of Cloud Computing in Medical Image Processing By Dr. Meena Professor, Veltech Chennai		Session 3 : Issues in handling Medical Image Equipment By Dr. Roshini T V Professor, DECE, VJEC		Session 4: Data Mining By Dr. Dr. G. Glan Devadhas, Professor, DEIE, VJEC
25/5/2019 Saturday	Session 1 : Principal Component Analysis By Dr. Ragavendra Professor, MIT Manipal		Session 2 : Principal Component Analysis By Dr. Ragavendra Professor, MIT Manipal		Session 3 : Principal Component Analysis By Dr. Anjan Gudigar, MIT Manipal		Session 4 :Principal Component Analysis By Dr. Anjan Gudigar, MIT Manipal
26/5/2019 Sunday	FIELD VISIT						

27/5/2019 Monday	Session 1 : Deep learning By Dr. Ramprasad, CEO, COG Technologies	TEA BREAK	Session 2 : Deep learning By Dr. Ramprasad, CEO, COG Technologies	LUNCH BREAK	Session 3: Hands on session on deep learning By Dr. Ramprasad, CEO, COG Technologies	TEA BREAK	Session 4: Hands on session on deep learning By Dr. Ramprasad, CEO, COG Technologies
28/5/2019 Tuesday	Session 1 : Tele medicine By Dr. Prasanna, Dean, Karapagam University		Session 2 : Tele medicine By Dr. Prasanna, Dean, Karapagam University		Session 3 : Robo medicine By Dr. Kamal Raj, Professor, Karapagam University		Session 4 : Robo medicine By Dr. Kamal Raj, Professor, Karapagam University
29/5/2019 Wednesday	Session 1 : Pedagogical Approach towards Research in Engineering By Prof Siva Kumar NITTTR Chennai		Session 2 : Pedagogical Approach towards Research in Engineering By Prof Siva Kumar NITTTR Chennai		Session 3:Interfacing Google colab with online data bases related to biomedical By Mr.Nikhil Nambiar, Data Analyst, BON Solutions, Pune		Session 4:Interfacing Google colab with online data bases related to biomedical By Mr.Nikhil Nambiar, Data Analyst, BON Solutions, Pune
30/5/2019 Thursday	Session 1: Imaging Techniques By Dr. P Prakasam, Professor SNS Coimbatore		Session 2: Imaging Techniques By Dr. P Prakasam, Professor SNS Coimbatore		Session 3: Importance of Machine Learning and Artificial Intelligence towards Medical Research By Prof Anoop B K, DECE, VJEC		Session 4: Importance of Machine Learning and Artificial Intelligence towards Medical Research By Prof Anoop B K, DECE, VJEC
31/5/2019 Friday	Session 1: Hands on Experience towards research in signal & Image Processing. By Dr. Senthil Kumar. ML&AI Corporate Trainer, Scientific Computing Solution		Session 2: Hands on Experience towards research in signal & Image Processing. By Dr. Senthil Kumar. ML&AI Corporate Trainer, Scientific Computing Solution		Session 3: Hands on Experience towards research in signal & Image Processing. By Dr. Senthil Kumar. ML&AI Corporate Trainer, Scientific Computing Solution		Session 4: Hands on Experience towards research in signal & Image Processing. By Dr. Senthil Kumar. ML&AI Corporate Trainer, Scientific Computing Solution
1/6/2019 Saturday	Session 5: Hands on Experience towards research in signal & Image Processing. By Dr. Senthil Kumar. ML&AI Corporate Trainer, Scientific Computing Solution		Session 5: Hands on Experience towards research in signal & Image Processing. By Dr. Senthil Kumar. ML&AI Corporate Trainer, Scientific Computing Solution		Assessment Test		Validatory Function