

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF BIOMEDICAL ENGINEERING

FACULTY PARTICIPATION IN VARIOUS PROGRAMMES

ACADEMIC YEAR 2018-2019

RESOURCE PERSON					
S. No	Name of the staff	Type of Programme	Topic	Program details	
				Organiser	Date
1	Mr.S.Vigneshwaran	Value added course	LabVIEW for graphical programming	VCET	10.05.2018-17.05.2018
2	Ms.M.Brindha	Value added course	LabVIEW for graphical programming	VCET	10.05.2018
3	Ms.P.Georgia chris selwyna	Value added course	LabVIEW for graphical programming	VCET	10.05.2018
4	Mr.B.Mahendraraja	Value added course	LabVIEW for graphical programming	VCET	10.05.2018
5	Ms.S.Anbumani	Value added course	LabVIEW for graphical programming	VCET	10.05.2018
6	Ms.S.Yamuna devi	Value added course	LabVIEW for graphical programming	VCET	10.05.2018
CONVENER/CO-ORDINATOR					
S. No	Name of the staff	Type of Programme	Topic	Program details	
				Organiser	Date
1	Dr.S.Mangai	ICMR sponsored National conference (Organising Secretary)	Molecular Diagnostics in personalized medicine	VCET	15.6.2018
2	Mr.S.Vigneshwaran	ICMR sponsored National conference (Convener)	Molecular Diagnostics in personalized medicine	VCET	15.6.2018
3	Dr.S.Mangai	Entrepreneurship Awareness camp (Organizer)	Entrepreneurship Awareness programme	VCET	10.10.2018-12.10.2018
4	Mr.S.Vigneshwaran	Entrepreneurship Awareness camp (Co-ordinator)	Entrepreneurship Awareness programme	VCET	10.10.2018-12.10.2018
5	Dr.S.Mangai	CSIR sponsored National Seminar (Convener)	Contribution of Mathematical Models in Biomedical Imaging	VCET	14.05.2019

6	Ms.M.Menagadevi	CSIR sponsored National Seminar (Co-ordinator)	Contribution of Mathematical Models in Biomedical Imaging	VCET	14.05.2019
7	Mr.S.Vigneshwaran	CSIR sponsored National Seminar (Co-ordinator)	Contribution of Mathematical Models in Biomedical Imaging	VCET	14.05.2019

FACULTY DEVELOPMENT TRAINING PROGRAM

S. No	Name of the staff	Type of Programme	Topic	Program details	
				Organiser	Date
1	M.Brindha	Faculty Development Program	7 day FDP on Artificial Intelligence, Deep Learning and computer vision Applications	Vel Tech,Chennai	3.12.2018-9.12.2018

WORKSHOP

S. No	Name of the staff	Type of Programme	Topic	Program details	
				Organiser	Date
1	M.Brindha	Workshop	NI Academic and research day	Hotel Trident, Chennai	4.12.2018

SEMINAR

S. No	Name of the staff	Type of Programme	Topic	Program details	
				Organiser	Date
1	Dr.S.Mangai	Seminar	Biomaterials based 3D cell printing for next generation therapeutics and diagnostics	VCET	22.06.2018
2	Ms.R.Soniya	Seminar	Recent advances in biosensor development for detection of cancer biomarkers	Kongu Engineering College	2.11.2018-3.11.2018
3	Dr.S.Mangai	Seminar	Fuzzy clustering in image segmentation	VCET	14.12.2018
4	Dr.N.Jeyashanthi	Seminar	Fuzzy clustering in image segmentation	VCET	14.12.2018
5	Dr.R.Prabu	Seminar	Fuzzy clustering in image segmentation	VCET	14.12.2018
6	Ms.K.S.Kausalya Devi	Seminar	Fuzzy clustering in image segmentation	VCET	14.12.2018
7	Ms.S.Anbumani	Seminar	Fuzzy clustering in image segmentation	VCET	14.12.2018
8	Ms.S.Yamuna Devi	Seminar	Fuzzy clustering in image segmentation	VCET	14.12.2018
9	Ms.A.Kalyani	Seminar	Fuzzy clustering in image segmentation	VCET	14.12.2018
10	Ms.P.Georgia Chris	Seminar	Novel Materials	Kongu Engineering	15.02.2019

	Selwyna		Synthesis and Characterization Techniques	College	
11	Dr.N.Jeyashanthi	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
12	Dr.P.Ravikumar	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
13	Mr.N.N.Baalakumar	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
14	Ms.K.S.Kausalya Devi	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
15	Ms.G.Kanimozhi	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
16	Ms.M.Brindha	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
17	Ms.P.Georgia Chris Selwyna	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
18	Ms.S.Yamuna Devi	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
20	Ms. A.Kalyani	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
21	Ms.R.Indhumathi	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
22	Ms.R.Soniya	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019
23	Ms.V.Vivekitha	Seminar	Contribution of Mathematical models in Biomedical Imaging	VCET	14.5.2019

CONFERENCE

S. No	Name of the staff	Type of Programme	Topic	Program details	
				Organiser	Date
1	Dr.N.Jeyashanthi	ICMR sponsored National conference on Molecular Diagnostics in personalized medicine	Analysis of genetic predeposition of diabetes mellitus by RFLP	VCET	15.6.2018
2	Dr.P.Ravikumar	ICMR sponsored National conference on	Analysis of genetic predeposition of diabetes mellitus by RFLP	VCET	15.6.2018

		Molecular Diagnostics in personalized medicine			
3	Mr.N.N.Baalakumar	ICMR sponsored National conference on Molecular Diagnostics in personalized medicine	Analysis of genetic predeposition of diabetes mellitus by RFLP	VCET	15.6.2018
4	Dr.S.Mangai	National conference on Trends in engineering applications	Blood Leakage Detection During Dialysis Therapy Based on Fog Computing	VCET	2.3.2019
5	Dr.S.Mangai	National conference on Trends in engineering applications	IoT Based EMG Monitoring	VCET	2.3.2019
6	Dr.S.Mangai	National conference on Trends in engineering applications	Color Detection and Shade Matching in Dentistry	VCET	2.3.2019
7	Dr.N.Jeyashanthi	National conference on Trends in engineering applications	Automated Control of CPM Machine by Using NIRS	VCET	2.3.2019
8	Dr.N.Jeyashanthi	National conference on Trends in engineering applications	Non Invasive Detection of Hemoglobin Range using Smartphone	VCET	2.3.2019
9	Dr.P.Ravikumar	National conference on Trends in engineering applications	Image Fusion of CT & MRI using Discrete Wavelet Transform & Fuzzy Logic	VCET	2.3.2019
10	Dr.P.Ravikumar	National conference on Trends in engineering applications	A Lab View Approach for Detection of Cardiac Arrhythmia	VCET	2.3.2019
11	Dr.R.Prabu	National conference on Trends in engineering applications	Hookworm Detection in Wireless Capsule Endoscopy Images with Deep Learning	VCET	2.3.2019

12	Dr.R.Prabu	National conference on Trends in engineering applications	EEG based Emotion detector	VCET	2.3.2019
13	Mr.N.N.Baalakumar	National conference on Trends in engineering applications	Analysis of Osteoporosis by Using Radiographi Hip Geometry	VCET	2.3.2019
14	Mr.N.N.Baalakumar	National conference on Trends in engineering applications	Segmentation and 3D Evaluation of Thyroid Using Ultrasound Images	VCET	2.3.2019
15	Ms.K.S.Kausalya Devi	National conference on Trends in engineering applications	Design and Fabrication of Biomaterial Cloth for Human Injuries Using Herbs with Anti Microbial and Blood Clotting Properties	VCET	2.3.2019
16	Ms.K.S.Kausalya Devi	National conference on Trends in engineering applications	ECG Monitoring through B-to-B Communication	VCET	2.3.2019
17	Ms.G.Kanimozhi	National conference on Trends in engineering applications	Tongue Controlled Reading Aid for Paralysed Peoples Using Raspberry Pi	VCET	2.3.2019
18	Ms.G.Kanimozhi	National conference on Trends in engineering applications	Detection of Brain Tumor Using Adaboost Algorithm	VCET	2.3.2019
19	Mr.S.Vigneshwaran	National conference on Trends in engineering applications	Lung Cancer Detection Using Spatial FCM with Level Set and Neural Network Classifier	VCET	2.3.2019
20	Mr.S.Vigneshwaran	National conference on Trends in engineering applications	Blood cancer detection in microscopic images of human blood samples using image processing	VCET	2.3.2019
21	Ms.M.Brindha	National conference on Trends in engineering applications	Detection of Malaria Parassities in Blood Sample Using Cascading Method	VCET	2.3.2019
22	Ms.M.Brindha	National conference on Trends in engineering	Alzheimers Patient Movement Tracking and Monitoring using MIWI Technology	VCET	2.3.2019

		applications			
23	Ms.P.Georgia chris selwyna	National conference on Trends in engineering applications	Development of a System to Detect Diabetes Mellitus Via Facial Key Block Analysis	VCET	2.3.2019
24	Ms.P.Georgia chris selwyna	National conference on Trends in engineering applications	Hand Orthosis Control for Functional Grasp Assistance After Stroke	VCET	2.3.2019
25	Ms.S.Yamuna devi	National conference on Trends in engineering applications	Real Time Ultrasound Video Processor and Noise Removal With High Frame Rate	VCET	2.3.2019
26	Ms.S.Yamuna devi	National conference on Trends in engineering applications	Leukocytes Classification and Segmentation in Microscopic Blood Smear Using CNN	VCET	2.3.2019
27	Ms.R.Indhumathi	National conference on Trends in engineering applications	Development and Characterization of Nanocomposite for Cholestrol Level Detection	VCET	2.3.2019
28	Ms.R.Indhumathi	National conference on Trends in engineering applications	Multi Atlas Segmentation Framework for Liver MRI	VCET	2.3.2019
29	Ms.M.Menagadevi	International conference on Recent advances in Engineering and technology	Ischemic Stroke Detection Using Digital Image Processing by Morphological Operations	VCET	2.3.2019
30	Ms.M.Menagadevi	National conference on Trends in engineering applications	DCM Based Image Retrieval	VCET	2.3.2019
31	Ms.A.Kalyani	National conference on Trends in engineering applications	Exoskeleton Arm	VCET	2.3.2019
32	Ms.A.Kalyani	National conference on Trends in engineering applications	An Enhanced Fall Detector of Elderly and Paralyzed Patients Using Sensors and Smart Phones	VCET	2.3.2019

33	Ms.R.Soniya	National conference on Trends in engineering applications	Wearable Ankle Rehabilitation Device for Acute Stroke	VCET	2.3.2019
34	Ms.R.Soniya	National conference on Trends in engineering applications	Melanoma Recognition at Early Stage Using Image Processing	VCET	2.3.2019
OTHERS					
S. No	Name of the staff	Type of Programme	Topic	Program details	
				Organiser	Date
1	M.Brindha	Short term course	Biology for Engineers	IIT, Bombay	04.05.2018-08.05.2018

HoD/BME