## VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY (AUTONOMOUS)

## DEPARTMENT OF BIOMEDICAL ENGINEERING FACULTY PARTICIPATON IN VARIOUS PROGRAMMES

## **ACADEMIC YEAR 2018-2019**

RES	SOURCE PERSON				
S.	Name of the staff	Type of	Topic	Program detail	S
No		Programme		Organiser	Date
1	Mr.S.Vigneshwaran	Value added	LabVIEW for graphical	VCET	10.05.2018-
		course	programming		17.05.2018
2	Ms.M.Brindha	Value added	LabVIEW for graphical	VCET	10.05.2018
		course	programming		
3	Ms.P.Georgia chris	Value added	LabVIEW for graphical	VCET	10.05.2018
	selwyna	course	programming		
4	Mr.B.Mahendraraja	Value added	LabVIEW for graphical	VCET	10.05.2018
	g.	course	programming		
5	Ms.S.Anbumani	Value added	LabVIEW for graphical	VCET	10.05.2018
		course	programming		
6	Ms.S. Yamuna devi	Value added	LabVIEW for graphical	VCET	10.05.2018
Ü	11151511 01110110 00 11	course	programming	1021	10.00.2010
	NVENER/CO-ORDIN				
S.	Name of the staff	Type of	Topic	Program detail	S
No		Programme		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	Entrepreneurshi p Awareness camp (Organizer)	Entrepreneurship Awareness programme	VCET	10.10.2018- 12.10.2018
4	Mr.S.Vigneshwaran	Entrepreneurshi p 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

	T	1	T			
6	Ms.M.Menagadevi	CSIR sponsored	Contribution of Mathematical Models in	VCET	14.05.2019	
		National Seminar (Co-	Biomedical Imaging			
7	Mr. C. Vianachyvanan	ordinator) CSIR	Contribution of	VCET	14.05.2019	
7	Mr.S.Vigneshwaran	sponsored	Mathematical Models in	VCEI	14.03.2019	
		National	Biomedical Imaging			
		Seminar (Co-	Bromedical imaging			
		ordinator)				
FAC	CULTY DEVELOPME		S PROGRAM			
S.	Name of the staff	Type of	Topic	Program details		
No		Programme		Organiser	Date	
1	M.Brindha	Faculty	7 day FDP on Artificial	Vel Tech,Chennai	3.12.2018-	
		Development	Intelligence, Deep		9.12.2018	
		Program	Learning and computer			
			vision Applications			
wo	RKSHOP					
S.	Name of the staff	Type of	Topic	Program details		
No.	ranic of the stair	Programme		Organiser	Date	
1	M.Brindha	Workshop	NI Academic and	Hotel Trident,	4.12.2018	
1	Wi.Dimana	Workshop	research day	Chennai	4.12.2010	
SEN	MINAR	1			1	
S.	Name of the staff	Type of	Topic	Program details		
No		Programme	_	Organiser	Date	
1	Dr.S.Mangai	α .	Biomaterials based 3D	VCET	22.06.2018	
1	Di.S.Mangai	Seminar	Biomaterials based 3D	VCLI	22.00.2016	
	Dr.S.iviangai	Seminar	cell printing for next	VCLI	22.00.2016	
	Di.S.iviangai	Seminar		VCLI	22.00.2016	
	DI.S.iviangai	Seminar	cell printing for next	VCLI	22.00.2018	
2	Ms.R.Soniya	Seminar	cell printing for next generation therapeutics	Kongu Engineering	2.11.2018-	
2			cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development			
2			cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer	Kongu Engineering	2.11.2018-	
2			cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development	Kongu Engineering	2.11.2018-	
	Ms.R.Soniya	Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers	Kongu Engineering College	2.11.2018- 3.11.2018	
3			cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in	Kongu Engineering	2.11.2018-	
	Ms.R.Soniya Dr.S.Mangai	Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation	Kongu Engineering College	2.11.2018- 3.11.2018 14.12.2018	
3	Ms.R.Soniya	Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation  Fuzzy clustering in	Kongu Engineering College	2.11.2018- 3.11.2018	
3	Ms.R.Soniya Dr.S.Mangai	Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation	Kongu Engineering College	2.11.2018- 3.11.2018 14.12.2018	
3 4	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi	Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation  Fuzzy clustering in image segmentation	Kongu Engineering College  VCET	2.11.2018- 3.11.2018 14.12.2018	
3 4	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi	Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation  Fuzzy clustering in image segmentation  Fuzzy clustering in	Kongu Engineering College  VCET	2.11.2018- 3.11.2018 14.12.2018	
3 4 5 6	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi  Dr.R.Prabu  Ms.K.S.Kausalya Devi	Seminar Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation	Kongu Engineering College  VCET  VCET  VCET  VCET	2.11.2018- 3.11.2018 14.12.2018 14.12.2018 14.12.2018	
3 4 5	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi  Dr.R.Prabu	Seminar Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation	Kongu Engineering College  VCET  VCET  VCET	2.11.2018- 3.11.2018 14.12.2018 14.12.2018	
3 4 5 6	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi  Dr.R.Prabu  Ms.K.S.Kausalya Devi  Ms.S.Anbumani	Seminar Seminar Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation	Kongu Engineering College  VCET  VCET  VCET  VCET  VCET	2.11.2018- 3.11.2018 14.12.2018 14.12.2018 14.12.2018 14.12.2018	
3 4 5 6	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi  Dr.R.Prabu  Ms.K.S.Kausalya Devi	Seminar Seminar Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation	Kongu Engineering College  VCET  VCET  VCET  VCET	2.11.2018- 3.11.2018 14.12.2018 14.12.2018 14.12.2018	
3 4 5 6 7 8	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi  Dr.R.Prabu  Ms.K.S.Kausalya Devi  Ms.S.Anbumani  Ms.S.Yamuna Devi	Seminar Seminar Seminar Seminar Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation	Kongu Engineering College  VCET  VCET  VCET  VCET  VCET  VCET  VCET	2.11.2018- 3.11.2018 14.12.2018 14.12.2018 14.12.2018 14.12.2018 14.12.2018	
3 4 5 6 7	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi  Dr.R.Prabu  Ms.K.S.Kausalya Devi  Ms.S.Anbumani	Seminar Seminar Seminar Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation  Fuzzy clustering in image segmentation	Kongu Engineering College  VCET  VCET  VCET  VCET  VCET	2.11.2018- 3.11.2018 14.12.2018 14.12.2018 14.12.2018 14.12.2018	
3 4 5 6 7 8	Ms.R.Soniya  Dr.S.Mangai  Dr.N.Jeyashanthi  Dr.R.Prabu  Ms.K.S.Kausalya Devi  Ms.S.Anbumani  Ms.S.Yamuna Devi	Seminar Seminar Seminar Seminar Seminar Seminar	cell printing for next generation therapeutics and diagnostics  Recent advances in biosensor development for detection of cancer biomarkers  Fuzzy clustering in image segmentation	Kongu Engineering College  VCET  VCET  VCET  VCET  VCET  VCET  VCET	2.11.2018- 3.11.2018 14.12.2018 14.12.2018 14.12.2018 14.12.2018 14.12.2018	

	Selwyna		Synthesis and	College	
			Characterization		
	- · · · · · · · · · · · · · · · · · · ·	~ .	Techniques	T COURT	14.5.2010
11	Dr.N.Jeyashanthi	Seminar	Contribution of	VCET	14.5.2019
			Mathematical models in		
10	D D D '1	G .	Biomedical Imaging	VCET	14.5.2010
12	Dr.P.Ravikumar	Seminar	Contribution of	VCET	14.5.2019
			Mathematical models in		
1.2	M NIND 11	G .	Biomedical Imaging Contribution of	VCET	14.5.2010
13	Mr.N.N.Baalakumar	Seminar	Mathematical models in	VCEI	14.5.2019
1.4	M. V.C.V1	C	Biomedical Imaging Contribution of	VCET	14.5.2019
14	Ms.K.S.Kausalya	Seminar	Mathematical models in	VCEI	14.5.2019
	Devi				
1.5	Ms.G.Kanimozhi	Seminar	Biomedical Imaging Contribution of	VCET	14.5.2019
15	Ms.G.Kanimozni	Seminar		VCEI	14.5.2019
			Mathematical models in		
1.0	M-MD ' 11	G '	Biomedical Imaging	VCET	14.5.2010
16	Ms.M.Brindha	Seminar	Contribution of	VCEI	14.5.2019
			Mathematical models in		
17	Ma D Caaraia Clasis	Caminan	Biomedical Imaging Contribution of	VCET	14.5.2019
17	Ms.P.Georgia Chris	Seminar	Mathematical models in	VCEI	14.5.2019
	Selwyna				
1.0	M GW D '	G .	Biomedical Imaging	VCET	14.5.2010
18	Ms.S.Yamuna Devi	Seminar	Contribution of	VCET	14.5.2019
			Mathematical models in		
20	Ma A Valvani	Caminan	Biomedical Imaging Contribution of	VCET	14.5.2019
20	Ms. A.Kalyani	Seminar	Mathematical models in	VCEI	14.3.2019
			Biomedical Imaging		
21	Ms.R.Indhumathi	Seminar	Contribution of	VCET	14.5.2019
21	Wis.K.manumaum	Seminar	Mathematical models in	VCEI	14.3.2019
			Biomedical Imaging		
22	Ms.R.Soniya	Seminar	Contribution of	VCET	14.5.2019
22	Wis.R.Somya	Schillar	Mathematical models in	VCLI	14.3.2017
			Biomedical Imaging		
23	Ms.V.Vivekitha	Seminar	Contribution of	VCET	14.5.2019
23	1115. V. VIVORIUIA	Schilla	Mathematical models in		1
			Biomedical Imaging		
CON	NFERENCE	1		1	1
<b>S.</b>	Name of the staff	Type of	Topic	Program details	
No		Programme	1	Organiser	Date
1	Dr.N.Jeyashanthi	ICMR	Analysis of genetic	VCET	15.6.2018
1		sponsored	predeposition of diabetes		
		National	mellitus by RFLP		
		conference on			
		Molecular			
		Diagnostics in			
		personalized			
		medicine			
2	Dr.P.Ravikumar	ICMR	Analysis of genetic	VCET	15.6.2018
		sponsored	predeposition of diabetes		
		National	mellitus by RFLP		
		conference on			
		•	•	•	•

		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 Leakge Detection During Dialysis Theraphy Based on Fog Compting	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 Apporach 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	EEG based Emotion	VCET	2.3.2019
12	D1.IX.I 14UU	conference on	detector	VCLI	2.3.2013
		Trends in	detector		
		engineering			
		applications			
13	Mr.N.N.Baalakumar	National	Analysis of Osteoporosis	VCET	2.3.2019
13	IVII.IV.IV.DaaiaKuillai	conference on	by Using Radiographi	VCLI	2.3.2017
		Trends in	Hip Geomentry		
		engineering	Trip Geomena y		
		applications			
14	Mr.N.N.Baalakumar	National	Segmentation and 3D	VCET	2.3.2019
14	wii.iv.iv.DaaiaKuillai	conference on	Evaluation of Thyroid	VCEI	2.3.2019
		Trends in	Using Ultrasound		
		engineering	Images		
			Images		
15	Mc K C Kanaalya Davi	applications National	Design and Fabrication	VCET	2.3.2019
13	Ms.K.S.Kausalya Devi	conference on	of Biomaterial Cloth for	VCEI	2.3.2019
		Trends in			
			Human Injuries Using Herbs with Anti		
		engineering			
		applications	Microbial and Blood		
1.0	Ma V C Varranters Dec	National	Clotting Properities	UCET	2.2.2010
16	Ms.K.S.Kausalya Devi		ECG Monitoring	VCET	2.3.2019
		conference on	through B-to-B		
		Trends in	Communication		
		engineering			
1.7	M. C.V.	applications	T	VODE	2.2.2010
17	Ms.G.Kanimozhi	National	Tongue Controlled	VCET	2.3.2019
		conference on	Reading Aid for		
		Trends in	Paralysed Peoples Using		
		engineering	Raspberry Pi		
10	M. C.V.	applications	Datastia: SD :	VODE	2.2.2010
18	Ms.G.Kanimozhi	National	Detection of Brain	VCET	2.3.2019
		conference on	Tumor Using Adaboost		
		Trends in	Algorithm		
		engineering			
10	M. C V. 1	applications	Laws Car Division	VODE	2.2.2010
19	Mr.S.Vigneshwaran	National	Lung Cancer Detection	VCET	2.3.2019
		conference on	Using Spatial FCM with		
		Trends in	Level Set and Neural		
		engineering	Network Classifier		
20	M. C.V. 1	applications	Disales 1 · · ·	VODE	2.2.2010
20	Mr.S.Vigneshwaran	National	Blood cancer detection	VCET	2.3.2019
		conference on	in microscopic images		
		Trends in	of human blood samples		
		engineering	using image processing		
0.1	M MD ' "	applications	D	V.CET	2.2.2010
21	Ms.M.Brindha	National	Detection of Malaria	VCET	2.3.2019
		conference on	Parassities in Blood		
		Trends in	Sample Using Cascading		
		engineering	Method		
		applications			
22	Ms.M.Brindha	National	Alzheimers Patient	VCET	2.3.2019
		conference on	Movement Tracking and		
		Trends in	Monitoring using MIWI		
		engineering	Technology		

		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 Retrival	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 Enchanced Fall Detector of Elderly and Paralysed Patients Using Sensors and Smart Phones	VCET	2.3.2019

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

## HoD/BME