

Dr.B.Vijayakumari Associate Professor – ECE-Mepco Scglenk Engg college

#	Acad.Year	Month-Year	Authors	Publication Title	Journal Name	Indexed In
1	2019-20	Jan-2020	Dr.B.Vijayakumari, Miss.R.Kirubalini, Miss.C.Manisha	Cadaver identification with dental radiographs using isoperimetric and nodal graph approach	IET, Biometrics	SCI
2	2019-20	Oct-2019	Mrs.T.Manonmani, Dr.B.Vijayakumari	Trail optimization framework to detect nonlinear object motion in video sequences	Signal, Image and Video Processing	SCI
3	2018-19	Apr-2019	Mrs.A.Geetha, Dr.M.Sundaram, Dr.B.Vijayakumari	Gender classification from face images by mixing the classifier outcome of prime, distinct descriptors	Soft Computing- A Fusion of Foundations, Applications and Methodologies	Scopus, AnnaUniversity Updated List, SCI
4	2018-19	Mar-2019	Dr.B.Vijayakumari, Miss.Rashmita.S	FPGA based Abnormality Classification in Kidney Ultrasound Images using KNN	Indian Journal of Public Health Research & Development	Scopus
5	2018-19	Dec-2018	Dr.B.Vijayakumari, Mrs.R.Brinda, Mr.S.RamBhuvanesh, Mr.K.Ram Prasad	Guiding and Alerting System for Visually Impaired People	Journal of Advanced Research in Dynamical and	Scopus

					Control Systems	
6	2017-18	Jun-2018	Dr.B.Vijayakumari	A Vital Approach to Classify Diffused Lung Disease Patterns	International Journal of Advanced Research in Basic Engineering Sciences and Technology	Google Scholar
7	2017-18	Jun-2018	Dr.B.Vijayakumari	TEETH CLASSIFICATION IN DENTAL IMAGES USING SUPPORT VECTOR MACHINE	International Journal of Research in Engineering and Technology	Google Scholar
8	2017-18	May-2018	Miss.R.B.Asathy, Dr.B.Vijayakumari	Alzheimer's Brain Disease Classification using SVM on FPGA Architecture	SSRG International Journal of Electronics and Communication Engineering	Google Scholar
9	2017-18	Apr-2018	Mr.M.Manivignesh, Mr.M.VishnuAlaguSubramaniam, Dr.B.Vijayakumari	Brain Tumour Classification From MRI Images Using Morphological Segmentation And Convolutional Neural Network	Journal for Advanced Research in Applied Sciences	Google Scholar

10	2017-18	Mar-2018	Dr.B.Vijayakumari, Miss.R.B.Aswathy	Computational Time Analysis of Medical Images Implemented on FPGA Architecture	International Journal of Scientific & Engineering Research	Google Scholar
11	2016-17	Apr-2017	Dr.B.Vijayakumari, Miss.S.Priyadharsni, Miss.M.Pasumai	Energy Efficient Street Light Supervising and Control System	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	--NIL--
12	2016-17	Feb-2017	Mrs.Jaffino.G, Dr.A.Banumathi, Dr.Ulaganathan.G, Dr.B.Vijayakumari, Mr.J.Prabin Jose	A new mathematical modelling based shape extraction technique for Forensic Odontology	Journal of Forensic and Legal Medicine	Google Scholar, Scopus, Web of Science, AnnaUniversity Annexure-I, AnnaUniversity Annexure-II, AnnaUniversity Updated List, SCI
13	2015-16	Jun-2016	Mrs.Jaffino.G, Dr.Banumathi.A, Dr.Ulaganathan.G, Dr.B.Vijayakumari	Contourlet transform based efficient shape extraction technique for forensic odontology	Biomedical Research	Scopus, Web of Science, AnnaUniversityAnnexure-I, AnnaUniversity Annexure-II, AnnaUniversity Updated List, SCI