

Publication by Faculty members Year: 2019-2020

S.No	Title of Paper	Name of authors	Name of Journal	Year of Publication	ISBN/ISSN Number/DOI link	SCI/WOS/GS /SCOPUS CITATIONS
1	Segmentation and Classification of Brain Tumour	Mrs.C.Jamuna	International Journal of Current Advanced Research	2020	2319-6475	GS
2	Analysis on Advanced Controllers for Mean Arterial Pressure	Dr.G.C.Sowparnika	International Journal of Innovative Technology and Exploring Engineering	2020	2278-3075	GS
3	Modeling and optimized controller for cardiac drug infusion system	Dr.G.C.Sowparnika	Indian Journal Of Science And Technology	2020	1347-1354	GS
4	A critique on baroreceptor and their effective reflex action on compartmental cardiovascular modeling in regulating hemodynamic parameters	Dr.G.C.Sowparnika	International Journal of Engineering and Advanced Technology	2019	2249-8958	GS
5	A vedicmathematics based processor core for discrete wavelet transform using FinFET and CNTFET technology for biomedical signal processing	Dr.S.Ravindrakumar	Microprocessors and Microsystems	2019	0141-9331	SCI/WOS/GS/ SCOPUS
6	FINFET operational amplifier with low offset noise and high immunity to electromagnetic interference	Dr.S.Ravindrakumar	Microprocessors and Microsystems	2019	0141-9331	SCI/WOS/GS/ SCOPUS

7	High Speed, Low Matchline Voltage Swing and Search Line Activity TCAM Cell Array Design in 14 nm FinFET Technology	Dr.S.Ravindrakumar	Emerging trends in electrical, communication and information technologies	2019	DOI: 10.1007/978-981-13-8942-9_38	SCI/WOS/GS/SCOPUS
8	A Low-Power FinFET-Based Miller Op-Amp Design with gm Enhancement and Phase Compensation	Dr.S.Ravindrakumar	Innovations in Electronics and communication engineering	2020	DOI: 10.1007/978-981-15-3172-9_29	SCI/WOS/GS/SCOPUS
9	A novel method of applying ternary logic based RLNS technique for template matching process	Dr. R. V. Shalini	New Approaches in Engineering Research Vol. 11, 25 August 2021, Page 167-181	2021	https://doi.org/10.9734/bpi/naer/v11/11733D	GS
10	Operand Decomposition technique based logarithmic multipliers for both binary and ternary logic	Dr. R. V. Shalini	Journal of Xi'an University of Architecture & Technology	2020	1006-7930	GS
11	An Electromagnet based Tablet Dispensing Device	Mrs.C.Jamuna	International Journal of Engineering Research & Technology	2019	2278-0181	GS