

## Research Publications - Conference Papers/Posters

- **2020-2021**

S.No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISBN/ISSN number
1	Risk Factor Analysis of Covid-19	John William Carey M(Scopus Indexed)	International Journal of Current Research and Review	2020	2231-2196
2	Estimation of number of levels of scaling the principle components in Deionising EEGsignals	B.Krishna Kumar(Scopus Indexed)	International Journal Biomedical and Pharmacology	2020	0974-6242

- **2019-2020**

S.No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISBN/ISSN number
1	Denoising of EEG Signals using Wavelets and Various Thresholding Techniques	B.Krishna Kumar	International Journal of Electronics Engineering	2019	0973-7383
2	Denoising of EEG Signal using Matlab and SIMULINK Techniques and Estimation of Power Spectral Density of EEG Signal Using simulinkAR Models	B.Krishna Kumar	International Journal of Engineering and Advanced Technology	2019	2249-8958
3	Denoising of EEG signals using wavelets and SimulinkTechniques	B.Krishna Kumar	International Journal of Recent Technology and Engineering	2019	2277-3878
4	Effect of Sampling Frequency on SNR in the Removal of Ocular Artifacts in EEG Signals using Wavelets	B.Krishna Kumar	I-manager's Journal on Digital Signal Processing (JDP)	2019	2322-0368
5	Effect of Bright Light on EEG Ocular Artifacts	John William Carey M(Scopus Indexed)	International Journal of Control and Automation,	2019	2005-4297

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- 2018-19

Sl. No.	Name of the Author	No of Authors	Main Author (Y/N)	Title of the Paper	Title of the Conference	National /International	Date/s	Venue
1	M.Mahesh Babu	2	N	Analytical Approach of Trivium FPGA Implementations against Information Security Vulnerability	International Conference on Paradigms in Engineering and technology (ICPET 2018).	International	2018	Hyderabad

- 2017-18

Sl. No.	Name of the Author	No of Authors	Main Author (Y/N)	Title of the Paper	Title of the Conference	National /International	Date/s	Venue
1	Dr.B.Krishna Kumar	3	Y	Performance comparison of IST and Multi Scale Principal Component Analysis in the EEG signals	IEEE Conference, International Conference on Computing Methodologies and Communication ICCMC	International	2017	Coimbatore, India

• 2016-17

Sl. No.	Name of the Author	No of Authors	Main Author (Y/N)	Title of the Paper	Title of the Conference	National /International	Date/s	Venue
1	Dr.B.Krishna Kumar	3	Y	Performance Comparision Of Various Thresholding Techniques On The Removal Of Ocular Artifacts In The EEG Signals	IEEE Conference , International Conference on Inventive Computation Technologies ICICT2016	International	2016	Coimbatore,India
2	John William Carey M	3	N	Single lead EEG acquisition system for health care applications (Scopus Cited)	IEEE Conference , International Conference on Inventive Computation Technologies ICICT2016	International	2016	Coimbatore,India

**B. 2019-20 -Text Book Published**

Sl. No.	Name of the Author	Title of the book/ chapters published	No of Authors	Main Author (Y/N)	Year of publication	ISBN/ISSN Number	National /International	Name of Publisher
1	Dr.B.Krishna	Text Book on	1	Y	2019	ISBN 978-3-	International	LONDON ACADEMY

	a Kumar	"Estimation of Statistical Parameters of EEG Signals Using Wavelets"				659-53952-7		OF PUBLISHING
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### 2018-19 -Patents

Sl. No.	Name of the Author	Title of the Patents	No of Authors	Main Author (Y/N)	Year of publication	ISBN/ISSN Number	National /International	Name of Publisher
1	Dr. John William Carey Medithe	Eye Blink Controlled Appliance System	2	Y	2018	45/2018	Indian-International	Indian official journal-Gazette

### 2016-17- Patents

Sl. No.	Name of the Author	Title of the Patents	No of Authors	Main Author (Y/N)	Year of publication	ISBN/ISSN Number	National /International	Name of Publisher
1	Dr. John William Carey Medithe	Automatic Eye Blink Detector Using NI myRIO	2	Y	2016	10/2016	Indian-International	Indian official journal-Gazette

### Research publications- Journal Papers

S.No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISBN/ISSN number
1	Denoising of EEG Signals using Wavelets and Various Thresholding Techniques	B.Krishna Kumar	International Journal of Electronics Engineering	2019	0973-7383
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4	Effect of Sampling Frequency on SNR in the Removal of Ocular Artifacts in EEG Signals using Wavelets	B.Krishna Kumar	i-manager's Journal on Digital Signal Processing (JDP)	2019	2322-0368
5	Analytical Approach of Trivium FPGA Implementations against Information Security Vulnerability	CH.Suresh	Grenze International Journal of Engineering and Technology, Special Issue	2018	ISSN: 2395-5295

6	Implementation of Steganography on Images using loss less and reversible encryption methodology.	I.Srikanth	Grenze International Journal of Engineering and Technology	2018	e-ISSN: 2395-5295 p-ISSN 2395-5287)
7	Implementation of Steganography on Images using loss less and reversible encryption methodology.	T. Sravan Kumar	Grenze International Journal of Engineering and Technology	2018	(e-ISSN: 2395-5295 p-ISSN 2395-5287)
8	“Methods for the Elimination of Ocular Artifacts in EEG” (Scopus Cited)	John William Carey M	International Journal of Biomedical Engineering and Technology	2018	Print ISSN: 1752-6418 Online ISSN: 1752-6426
9	A Simplified Compressive Sampling Approach based on Weights for efficient Spectrum usage in Wide band DSA Networks	N.Raj Kumar	Journal: Grenze International Journal of Engineering and Technology (GIJET) Paper ID: ECE-2018-1918, ICPET-28-20 December-2018-19..	2018	ICPET-28-29 December-2018-19
10	Analytical Approach of Trivium FPGA Implementations against Information Security Vulnerability	M.Mahesh Babu	Grenze International Journal of Engineering and Technology, Special Issue	2018	e-ISSN: 2395 5295 p-ISSN 2395-5287
11	Denoising of EEG Signals using Wavelets and Various Thresholding Techniques	Dr.B.Krishna Kumar	International Journal of Electronics Engineering (ISSN: 0973-7383)	2018	(ISSN: 0973-7383)

12	Implementation of Radix-16 and Binary 64 Division VLSI Realizations for Energy Efficiency and Low Power Dissipation	I.Srikanth	International Research Journal of Engineering and Technology	2018	e-ISSN: 2395-0056 p-ISSN 2395-0072)
13	Implementation of the Contrast Enhancement and Weighted Guided Image Filtering Algorithm for Edge Preservation for Better Perception	CH.Suresh	International Journal of Advance in Science and Engineering	2017	2319-8354
14	“Study on the Impact of Light on Human Physiology and Electroencephalogram,” (Scopus Cited)	John William Carey M	Journal of Biomimetics, Biomaterials and Biomedical Engineering, vol. 28, pp. 36-43, 2016-17.	2017	ISSN: 2296-9845
15	Predominance Of Blowfish Over Triple Data Encryption Standard Symmetric Key Algorithm for Secure Integrated Circuits Using Verilog HDL	V. Kumara Swamy, Dr Prabhukop	International Journal of Network Security & Its Applications (IJNSA) Vol.9, No.6, November 2017-18	2017	DOI: 10.5121/ijnsa.2017-18.9603, ISSN: 0975-8307
16	Adaptive Contrast Enhancement and White Balancing Integration For Image Enhancement Based on Non-Linear Generalized Equalization Model	CH.Suresh	International Journal of Science and Research (IJSR)	2016	2319-7064

17	New VLSI Architecture for Exploiting Carry Save Arithmetic Using Verilog HDL	CH.Suresh	International Journal of Research in Advanced Engineering Technologies	2016	2455-0876
18	Optimization Technique of Digital FIR Filter Coefficients using Genetic Algorithm	T. Sravan Kumar	International Conference on Paradigms in Engineering and Technology (ICPET 2016-17)	2016	International ISBN:978-93-5258-110-8
19	Effectiveness of Time-expansion of Consonants for the benefit of Hearing-impaired listeners	N.H Shobha	International Journal of Application or Innovation in Engineering and Management (IJAEM)	2015	2319-4847
20	Enhancement of speech intelligibility in the context of Hearing-impairment	N.H Shobha	International Journal of Application or Innovation in Engineering and Management (IJAEM)	2015	2319-4847
21	Error Detection and Correction Using STI in Cache Memory	CH.Suresh	International Journal of VLSI System Design and Communication Systems	2015	IJVDCSV03IS06P 6079-2)