

S. No	Indexing	Title of the paper	Name of the author	Title of the journal	Year of publication	Impact Factor	Citation Index (Scopus/WoS Index)	Vol No, Issue and P. Nos	Total citations	Total citations excluding self-citations	DOI
1	Others	Performance Analysis of Analog and Digital data of Weather Satellites	Dr. Y. Srinivas	Solid state technology	2020		Scopus	63			-
2	Others	Multi-Class Arrhythmia Detection using a Hybrid Spatial-Temporal Feature Extraction Method and Stacked Auto Encoder	Dr. V. Sharmila	International Journal of Intelligent engineering system	2020		Scopus	14			DOI: 10.22266/ijies2021.0430.08
3	SCI	Enhancing functionality of free space and guided –wave optical MEMS devices by integration with photonic circuits	Dr. U. Poorna Lakshmi		2021	2.187	WOS	243			<a href="https://doi.org/10.1016/j.jileo.2021">https://doi.org/10.1016/j.jileo.2021</a>
4	Others	DWDM system performance analysis using	Dr. U. Poorna Lakshmi	International Journal of Electronics and	2021			1			

		RZ modulation		<b>Communication</b>							
<b>5</b>	<b>Scopus/</b>	Performance Evaluation of LDCMAC for Wireless Sensor Networks	<b>Dr. S. Pothalaiah</b>	Journal of Physics: Conference Series	<b>2021</b>		<b>Scopus, IOP Publishing</b>	<b>1964</b> (2021) 062062			doi:10.1088/1742-6596/1964/6/062
<b>6</b>	<b>Scopus</b>	FPGA implementation of Memory Bists using Single Interface	<b>M Swathi</b>	International Journal of Recent Technology and engineering	<b>2020</b>			<b>Vol 9 issue 3 sep 2020</b>			
<b>7</b>	<b>Scopus</b>	RF Energy Harvesting for Spectrum Management in Cognitive Radio Networks	<b>Sunetha Ch</b>				<b>springer</b>				
<b>8</b>	<b>Scopus</b>	Ideal frequency rendezvousing for multicluster communication (IFRMC) over cognitive radio network	<b>Sunetha Ch</b>		<b>Aug 2020</b>		<b>springer</b>				
<b>9</b>	<b>Scopus</b>	Post COVID-19 Potentials and Innovation: The Future Supply Chain	<b>J Manga</b>				<b>Springer</b>	<b>11(1)A</b>			
<b>10</b>	<b>Scopus</b>	A study on Enhanced GAS Sensing Application Through SPR Sensor Plasmonic ZNO Nanostructure	<b>C Rajesary</b>				<b>Journal of Remote Sensing GIS &amp; Technology</b>	<b>Vol 7 &amp; Issue 2</b>			

11	Scopus	Low Power CMOS 1 Bit Full Adder using FPGA KIT & DSM Technology	C Rajesary					12 No 3			
12	Scopus	Design of Multiplexer and De-multiplexer using different Adiabatic logics	M Swathi				IJRTE	Volume-9 Issue-1, May 2020			
12	Elsevier	A low power dual mode data converter for mixed signal circuit testing.	M Swathi				SSRN(Elsevier	Issue 4 vol.9 Apr 2020			

### Publications in International Conference Proceedings

S.No.	Title of the paper	Name of the Conference	Organization Name	Dates of the conference	Page.Nos	Whether Indexed in Scopus/ SCI (Yes/No)
1	<b>Dr. V. Sharmila:</b> <b>Threshold-Voltage Analytical-Model Development</b>  <b>for Junction-less-Double-Gate FETs</b>	International conference on computer communication and informatics	Sri Shakthi Institute of Engg and technology	27-29 Jan, 2021		1

### Publications in Book Chapters

S.No.	Title of the Chapter	Title of the Book	Publisher	Date and Year	ISBN Number	Whether Indexed in Scopus/SCI (Yes/No)
1	Design of RF-MEMS capacitive contact shunt switch and its simulation for S-Band applications	Micro and Nano electronics devices circuits and systems	Springer	2021		

### Patents

S.No.	Patent Details	Patent status Filed/Published/ Granted	Patent Number	Date of Award
1	Dr P V Rao Title of invention: MACHINE	Granted	2021100050	10th day of March 2021

	LEARNING AND IoT BASED AUTONOMOUS CAR JACK			
2	Dr Y Srinivas Design of Nby1 Rectangular patch antenna for 2.45 GHz and 5 GHz Geometry	<b>Published</b>	202141019068	07/05/2021
3	Dr S. Pothalaiah, Title of the invention : SMART APPROACH IN FARMING WITH IOT	<b>Published</b>	.202141039835	24/09/2021
4	Dr S. Pothalaiah, Title of the invention : A WIRELESS MANET ROUTING SYSTEM	<b>Published</b>	202141034522	: 06/08/2021
5	Dr S. Pothalaiah,  MACHINE LEARNING BASED DIAGNOSIS OF CHRONIC KIDNEY  DISEASE IN DIABETES PATIENTS	<b>Filed</b>	2021107110	-
6	Dr S. Pothalaiah, A Machine Learning and IOT Based System for Incorrect Posture Detection	<b>Filed</b>	: 202121037944	-

**Resource Person for Outside VBIT Programs/Events**

<b>Name of the Program</b>	<b>Local/State/National /International</b>	<b>Name of the Institute</b>	<b>Title of the talk</b>
Dr. Y. Srinivas	Local	VBEC	Electro Magnetism
Mr. Sandeep Rao	Local	VBEC	DSP
Mr. Ali	Local	VBEC	AWP