



**KRISHNACHAITANYA INSTITUTE OF TECHNOLOGY & SCIENCES**  
**Devarajugattu (P.O), Peddaraveedu (Mandal), Prakasam Dist. - 523 320.**  
 (Approved by A.I.C.T.E., New Delhi, & Affiliated to JNTUK, Kakinada ACCREDITED BY NACC)  
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**Faculty Research Publications Published in the Journals during the Academic Year 2019-20**

S.NO	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
<b>2019-20</b>									
1	Magneto hydrodynamic mixed convective flow of micropolar fluid past a stretching surface using modified Fourier's heat flux model	Dr. J V Ramana Reddy	Department of Humanities and Sciences,	Journal of thermal analysis and Calory etry (SPRINGER)	2019	1588-2926	<a href="https://www.springer.com/journal/10973">https://www.springer.com/journal/10973</a>	<a href="https://link.springer.com/journal/10973/volumes-and-issues/136-5">https://link.springer.com/journal/10973/volumes-and-issues/136-5</a>	SPRINGER
2	Numerical examination of MHD nonlinear radiative slip motion of non-newtonian fluid across a stretching sheet in the presence of a porous medium	Dr. J V Ramana Reddy	Department of Humanities and Sciences,	Heat Transfer Research (Begell House)	2019	2162-6561	<a href="https://www.begellhouse.com/">https://www.begellhouse.com/</a>	<a href="https://www.dl.begellhouse.com/journals/46784ef93dddf27.html">https://www.dl.begellhouse.com/journals/46784ef93dddf27.html</a>	UGC CARE
3	A new methodology optimized for arduino based safety device for the visually impaired persons	B. Ajantha Reddy	Electronics and communication engineering	Journal of Interdisciplinary Cycle Research	2019	0022-1945	<a href="https://ijcrjournal.com/">https://ijcrjournal.com/</a>	<a href="https://app.box.com/s/74q61eapseej2d11cq9c186o8lme8phwy">https://app.box.com/s/74q61eapseej2d11cq9c186o8lme8phwy</a>	UGC CARE
4	Smart agriculture for crop protection using arduino	M Ramana Reddy	Electronics and communication engineering	Journal of Interdisciplinary Cycle Research	2019	0022-1945	<a href="https://ijcrjournal.com/">https://ijcrjournal.com/</a>	<a href="https://app.box.com/s/rvdyj7izdaq1v54jw0slwlfpdqr58iwc">https://app.box.com/s/rvdyj7izdaq1v54jw0slwlfpdqr58iwc</a>	UGC CARE
5	Unmanned contusion identification and categorization of diabetic retinopathy based on fuzzy logic	V Ramasubba Reddy	Electronics and communication engineering	The International journal of analytical and experimental modal analysis	2019	0886-9367	<a href="https://ijaema.com/">https://ijaema.com/</a>	<a href="https://ijaema.com/Volume-XI-Issue-XII-December-2019-SP-2/">https://ijaema.com/Volume-XI-Issue-XII-December-2019-SP-2/</a>	UGC CARE
6	Voice controlled led matrix display	Dr P Prasanna murali Krishna	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2019-V10-I12-81.pdf">https://jespublication.com/upload/2019-V10-I12-81.pdf</a>	UGC CARE
7	Biometric Based Security Authentication for Bank Locker System	B. Ajantha Reddy	Electronics and communication engineering	International journal of innovative research in technology	2019	2349-6002	<a href="https://ijirt.org/">https://ijirt.org/</a>	<a href="https://ijirt.org/Issue?volume=6&amp;issue=7&amp;month=December%202019">https://ijirt.org/Issue?volume=6&amp;issue=7&amp;month=December%202019</a>	UGC approved journal no 47859
8	Implementation of approximate dadda multiplier with inexact compressors	Y. Saraswathi	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2019-V10-I12-77.pdf">https://jespublication.com/upload/2019-V10-I12-77.pdf</a>	UGC CARE
9	Car accident prevention and crash recovery by mems with GPS&GSAM	K .Ranjith kumar	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://ijcrjournal.com/index.php/archives/">https://ijcrjournal.com/index.php/archives/</a>	<a href="https://app.box.com/s/v118n11ouzt58k05bzlu5ueargg8zi7u">https://app.box.com/s/v118n11ouzt58k05bzlu5ueargg8zi7u</a>	UGC CARE
10	4-Bit Arithmetic and Logic Unit design with optimized area and less power consumption by using GDI Technique	Dr P .Srinivasulu	Electronics and communication engineering	Journal of engineering sciences	2020	0022-1945	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2020-110122.pdf">https://jespublication.com/upload/2020-110122.pdf</a>	UGC CARE
11	Intelligent fire detector robo with automatic water sprinkler using IOT	B. Ajantha Reddy	Electronics and communication engineering	The International journal of analytical and experimental modal analysis	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://app.box.com/s/0n5vkgk18vxdrg5kz2d3q8ecv5quo3k">https://app.box.com/s/0n5vkgk18vxdrg5kz2d3q8ecv5quo3k</a>	UGC CARE
12	IOT based vehicle controlling by using finger print sensor	K CH Malla Reddy	Electronics and communication engineering	Journal of engineering sciences	2019	0886-9367	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2019-V10-I12-116.pdf">https://jespublication.com/upload/2019-V10-I12-116.pdf</a>	UGC CARE
13	IOT based air quality monitoring system using arduino uno	K .Ranjith kumar	Electronics and communication engineering	Journal of Interdisciplinary Cycle Research	2019	0377-9254	<a href="https://ijcrjournal.com/">https://ijcrjournal.com/</a>	<a href="https://app.box.com/s/8h00acunognzf61pkyqoluddbuya30su">https://app.box.com/s/8h00acunognzf61pkyqoluddbuya30su</a>	UGC CARE
14	Safety helmet for bike authentication and alcohol sensing for riders using IOT	V .Siva sankara Reddy	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2019-V10-I12-86.pdf">https://jespublication.com/upload/2019-V10-I12-86.pdf</a>	UGC CARE

15	Smart & driverless metro train using four wheel robo case	V.Rama subba Reddy	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2019-V10-I12-88.pdf">https://jespublication.com/upload/2019-V10-I12-88.pdf</a>	UGC CARE
16	VLSI architecture of aes in non-volatile memory application	Dr P .Srinivasulu	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2019-V10-I12-80.pdf">https://jespublication.com/upload/2019-V10-I12-80.pdf</a>	UGC CARE
17	Performance analysis of EMTCMOS technique based DFF design at varied supply voltages and distinct submicron technology	Dr P .Srinivasulu	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://link.springer.com/journal/10973/volumes-and-issues/136-5">https://link.springer.com/journal/10973/volumes-and-issues/136-5</a>	UGC CARE
18	Design and implementation of an area efficient architecture for error correction codes	M .Ramana Reddy	Electronics and communication engineering	International journal of research	2019	2236-6124	<a href="https://ijrjournal.com/index.php/ijr">https://ijrjournal.com/index.php/ijr</a>	<a href="file:///C:/Users/phani/Downloads/11940-Article%20Text-21198-1-10-20220110.pdf">file:///C:/Users/phani/Downloads/11940-Article%20Text-21198-1-10-20220110.pdf</a>	open access
19	A high speed low power accuracy controllable approximate design of multipliers	K CH Malla Reddy	Electronics and communication engineering	International journal of management, technology and engineering	2019	2249-7455	<a href="https://www.ijamtes.org/">https://www.ijamtes.org/</a>	<a href="https://www.ijamtes.org/VOL-9-ISSUE-06-2019/">https://www.ijamtes.org/VOL-9-ISSUE-06-2019/</a>	UGC approved
20	Robust railway track crack detection using GSM and GPS system	Y. Saraswathi	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2019-V10-I12-87.pdf">https://jespublication.com/upload/2019-V10-I12-87.pdf</a>	UGC CARE
21	A comprehensive study on industrial vision robot with pixy camera	K .Satish	Electronics and communication engineering	Anveshanas international journal of research in engineering and applied sciences	2019	2455-6300	<a href="http://publications.anveshanaindia.com/aijreas/">http://publications.anveshanaindia.com/aijreas/</a>	<a href="http://publications.anveshanaindia.com/aijreas/">http://publications.anveshanaindia.com/aijreas/</a>	UGC approved
22	A high speed low power accuracy on controllable approximate design of multipliers	K CH Malla Reddy	Electronics and communication engineering	International journal of management and engineering	2019	2249-7455	<a href="https://www.ijamtes.org/">https://www.ijamtes.org/</a>	<a href="https://ieeexplore.ieee.org/document/8297389/">https://ieeexplore.ieee.org/document/8297389/</a>	UGC approved
23	Smart Irrigation system in Poly houses based on IOT	Dr P Prasanna murali krishna	Electronics and communication engineering	Journal of engineering sciences	2019	0377-9254	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://jespublication.com/upload/2019-V10-I12-85.pdf">https://jespublication.com/upload/2019-V10-I12-85.pdf</a>	UGC CARE
24	The Robust Local Low Rank based Spatial Spectral Total variation applied to Optimized Hyper Spectral Image Denoising.	A.Prasad	Electronics and communication engineering	The International journal of analytical and experimental modal analysis	2019	0886-9367	<a href="https://jespublication.com/">https://jespublication.com/</a>	<a href="https://ijaema.com/index.php/volume-11-issue-12-december-2019-r/">https://ijaema.com/index.php/volume-11-issue-12-december-2019-r/</a>	UGC CARE
25	Advanced land surveying by using GPS & GIS AT KITS campus	K.Rajasekhar	civil Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	2349-5162	<a href="https://jetir.org/">https://jetir.org/</a>	<a href="https://www.jetir.org/papers/JETIR1907M56.pdf">https://www.jetir.org/papers/JETIR1907M56.pdf</a>	open access