



# PRAGATI ENGINEERING COLLEGE

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(Approved by AICTE, Permanently Affiliated to JNTUK, KAKINADA & Accredited by NAAC with 'A' Grade)  
Recognized by UGC under sections 2(f) & 12(b) of the UGC Act ,1956)

## **ELECTRONICS AND COMMUNICATION ENGINEERIG DEPARTMENT**

Date: 26-04-2024

### Journals:

Academic year	SCI	SCOPUS	UGC	Other	Total
2023-2024		1	3	-	5
2022-23	1	1	9	-	11
2021-22		1	4	-	5
2020-21	1	1	5	-	7

### 2023-2024

S.No	Title Of Journal	Name of The Author(s)	Name Of The Journal	Year Of Publication	ISSN Number
1	Hybrid chaotic map with L-shaped fractal Tromino for image encryption and decryption	Dr. S. R. V. Juvvanapudi	International Journal of Electrical and Computer Engineering	2024	2088-8708
2	Women's Empowerment Through Self-Help Groups: A Study Focused On Andhra Pradesh East Godavari District	Mrs.L.Gaviramma Dr.S.Koteswari	Dogo Rang Sang Research Journal	2023	2347-7180
3	Enhanced non-alcoholic fatty liver detection computed tomography scan image analysis and noise reduction with morphological dilation	Dr.V.Radika	Arab Journal of Gastroenterology	2023	1687-1979
4	Iot based smart accident detection for real time applications	Mr.Ch.Satish	The International Journal Of Analytical and experimental modal analysis	2023	0866-9367
5	Designe and implementation of smart agriculture with efficient utilization of solar energy	Dr.Subodh panda	Science and technology and developement	2023	0950-0707

### 2022-2023

S.No	Title Of Journal	Name of The Author(s)	Name Of The Journal	Year Of Publication	ISSN Number
1.	An efficient MAPSO Model for interference cancellation and optimal channel estimation in MIMO-OFDM System	Mr.Ch.Venkateswarlu	springer	2022	022-09955
2	Smart surveillance system using computer vision methods for smart cities with IOT enabled networks	Mr.G.S.sivakumar, Dr.V.Sailaja, Dr.A.Srinivas, Dr.Sanjth kumar Dash	Neuro quantology	2022	1303-5150
3.	Designe a smart Home management system using IOT with auto ventilation and water motor	Ms.Rubia Tasneem	The international Journal of analytical and experimental modal analysis	2022-23	0866-9367
4.	Aurdino Based fire fighting robot with high Pressure water sprinkler	Mr.P.Krishna Chaithanya	Journal Of interdisciplinary Cyce Research	2022-23	0022-1945
5.	Bio medical application with variational level set classifier tool	Dr.V.Radika	International Journal Of innovative Research in Technology	2022	2349-6002
6	Application of optimum level set countour classifier tool for diagnosis of cowpox disease	Dr.V.Radika	World journal of advanced research reviews	2022	449-457
7.	An efficient FPGA implementation of Light weight Cryptographic based on AES for IOT applicaton	Dr.Sharon Rose Juvvanpudi	International Journal of Research and Analytical Reviews	2022-23	2349-5318
8.	Designe and development of real time health monitoring using IOT technology	Dr.V.Sailaja	Journal Of interdisciplinary Cycle Research	2022	0022-1945
9.	An Automated Framework for detecting change in the source code and test case change recommendation	Mr.G.S.Sivakumar	International Journal on Recent and innovation Trends in computing and communication	2022-23	2321-8169
10.	Spectrum sensing for cognitive Radio	Dr.V.Radika	Journal for Basic Science	2022-23	1006-8341
11.	Bio medical Applications using optimum stastical classifier tool	Dr.V.Radika Dr.A.Srinivas	AEGAEUM journal	2022	0776-3808

**2021-2022**

<b>S.No</b>	<b>Title Of Journal</b>	<b>Name of The Author(s)</b>	<b>Name Of The Journal</b>	<b>Year Of Publication</b>	<b>ISSN Number</b>
1.	optimal channel estimation and interference cancellation in MIMO-OFDM using MN-based improved AMO model	Mr.Ch.Venkates warlu	The Journal Of Supercomputing	2021	021-03983
2.	Recital Evaluation of registered image fusion algorithms on SIFT and improved Bi-Dimensional intrinsic mode function	Dr.V.Radika	International Journal of research and Analytical Reviews	2021-22	2348-1269
3.	Design and development of Automation Based gas temperature and fire detection system	Dr.V.Sailaja	Mukt shabd Journal	2021-22	2347-3150
4.	An advanced IOT based self-security system for womens to avoid unlawful activities	Mrs.B.Vasantha Lakshmi	Journal Of Interdisciplinary Cycle Research	2021-22	0022-1945
5.	Designe and implementation of real time human face detection and facial expression recognition by using convolution neaural network	Mr.P.Krishna Chaitanya	Journal of Interdisciplinary cycle Research	2021-22	0022-1945

**2021-2022**

<b>S.No</b>	<b>Title Of Journal</b>	<b>Name of The Author(s)</b>	<b>Name Of The Journal</b>	<b>Year Of Publication</b>	<b>ISSN Number</b>
1	Proximity Beacons based Intelligent Transportation system for Smart city applicatons	Mr.G.S.Sivakumar	International Journal Of Advanced Science and Technology	2020-21	2005-4238
2	Designe And Implementation Of GPS and IOT Based Environmental Monitoring Moblile Robot	Mr.P.Krishna Chaitanya	International Journal Of analytical and experimental modal analysis	2021	0886-9367
3	A Robust and secure time-domain interference cancellation using optimisation method in MIMO-OFDM system	Mr.Ch.Venkat eswarlu	International Journal Of electronics Security and Digital Forensic	2021	197-218
4	Designing and Modeling of a portable system for detection of covid-19	Dr.S.Panda Dr.A.srinivas Dr.D.Nagesh	An International Bilingual peer reviewed referred research	2020-21	2348-2397
5.	Smart Agriculture management system using machine learning classification Algorithms	Mr.Ch.Satish	Alochana Chakra Journal	2020-21	2231-3990
6.	Human Activity Recognition using smartphones	Dr.V.Sailaja	Alochana Chakra Journal	2020-21	2231-3990
7.	A review of Digital Image Processing Agriculture General Applications	Dr.A.Srinivas B.Vasanth Lakshmi Dr.S.Panda Mrs.B.S.S.Vidya	Dogo Rangsang Research Journal	2020-21	2347-7180