



PRAGATI ENGINEERING COLLEGE (Autonomous)

1-378, ADB Road, Surampalem, E.G.District, A.P. - 533 437
(Approved by AICTE & Permanently Affiliated to JNTUK, Kakinada & Accredited by NAAC with 'A' Grade)
(Recognised by UGC Under Sections 2 (f) and 12 (b) of UGC act, 1956)
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(Sponsored by Gayatri Educational Society)

D.No. 2-24-4/2, Ground Floor, Janmabhoomi Park Road, Srinagar, Kakinada - 3, Ph : 0884 - 2355900, Fax : 2363900

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Research and Development A.Y 2024-25

Faculty Publications

Journals:

S.No	Title Of Journal	Name of The Author(s)	Name Of The Journal	Year Of Publication	ISSN Number
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	Muktshabd Journal	2021-22	2347-3150
4.	An advanced IOT based self-security system for womens to avoid unlawful activities	Mrs.B.Vasanth Lakshmi	Journal Of Interdisciplinary Cycle Research	2021-22	0022-1945
5.	Design and implementation of real time human face detection and facial expression recognition by using convolution neural network	Mr.P.Krishna Chaitanya	Journal of Interdisciplinary cycle Research	2021-22	0022-1945

Text Books

S.No	Title Of Text Book	Name of The Author(s)	Name of the Publisher	Year Of Publication	ISBN Number
1	Rf And Microwave Engineering	Dr.D.Natraj Mrs G.V.Ujwala	Scientific International Publishing House	2021	978-93-5625-196-0



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2.	Embedded Systems and IOT	Dr.V.Sailaja Mrs.B.Vasantha Lakshmi	GCS Publishers	2021	9789393849519
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Patents:

S.No	Title Of Patent	Name of The Author(s)	Date Of Filing	Application Number	Field Of Invention	Date Of Publication
1	A System for detecting threats on IOT networks and method thereof	1.Dr.V.Sailaja 2.B.Vasantha Lakshmi 3.Mr.G.S.Sivakumar 4.Dr.P.Sunitha	30/12/2021	202141061667	Communication	04/02/2022
2.	Autonomous Vaccine Distribution among Masses using Artificial Intelligence	1.Dr.V.Sailaja 2.Mr.G.S.Sivakumar 3.Dr.P.Sunitha	02/07/2021	: 202141029727	Bio Technology	9/07/2021

Conferences:

S.No	Title Of Paper	Name of The Author(s)	Name of the conference	Year Of Publication	ISSN Number
1	Improvement Of Qos by Optimizing 2.4 Ghz RF Network Parameters for Oil Pipeline Management	Ch.Lakshmi Narayana	Springer	2020	007
2	Designing And Modelling Of A Portable System Detection Of Covid-19	Dr.A.Srinivas	Online Conference On Smart Modernistic In Electronics and Communicatin	2020	0048
3.	System Designing On Smart Operation for Predictive Maintenance	Dr.A.Srinivas	International online Conference	2020	