

**CSE**





- DR.P. VIJAYABHARATI, ASSOC. PROF. PUBLISHED A CHAPTER ON A COGNITIVE PERCEPTION ON CONTENT BASED IMAGE RETRIEVAL USING ADVANCED SOFT COMPUTING PARADIGM IN ADVANCED MACHINE VISION PARADIGMS FOR MEDICAL IMAGE ANALYSIS (ELSEVIER), CHAPTER 6/1ST EDITION, ISBN 9780128192985, 3RD AUGUST 2020.
- DR.P.VIJAYABHARATI, ASSOC. PROF. PUBLISHED A PAPER ON AN APPROACH FOR SECURING THE DATA STORAGE IN CLOUD USING COMBINED PREDICATE BASED ENCRYPTION IN INTERNATIONAL JOURNAL OF ADVANCED SCIENCE AND TECHNOLOGY OF VOLUME 29 ISSUE 8, JULY 2020.
- MR.V.SITA RAMA PRASAD, ASST. PROF. PUBLISHED A PAPER ON DATA ANALYSIS AND PREDICTION OF COVID-19 USING MACHINE LEARNING MODELS IN INTERNATIONAL JOURNAL OF ADVANCED SCIENCE AND TECHNOLOGY OF VOLUME 29, ISSUE 7, JULY 2020.
- MRS. G.SANDHYA, ASST. PROF. & MRS.SHAIKRAHIMUNNISA, ASST. PROF. PUBLISHED A PAPER ON DETECT AND PREVENT THE CREDIT CARD FRAUD TRANSACTION USING FACE RECOGNITION AND GRAY-LEVEL CO-OCCURRENCE MATRICES ALGORITHM IN JOURNAL OF CRITICAL REVIEWS OF VOLUME 7, ISSUE 18, JULY 2020.
- MR.A.MAHESWARARAO, ASST. PROF. PUBLISHED A PAPER ON DETECTION OF AGRO BASED PRODUCTS QUALITY USING CONVOLUTIONAL NEURAL NETWORKS IN JOURNAL OF CRITICAL REVIEWS OF VOLUME 7, ISSUE 10, JULY 2020.
- MRS.M.MAMATHALAXMI, ASST.PROF., MRS.G.PAVANILATHA, ASST.PROF., MR.R.RAVI, ASST.PROF. & MRS.N.SOWJANYAKUMARI, ASST.PROF. PUBLISHED A PAPER ON MGLIP STEGANOGRAPHY TECHNIQUES FOR HIDING MESSAGE IN GRAY IMAGE IN JOURNAL OF CRITICAL REVIEWS OF VOLUME 7, AUGUST 2020.
- MRS. M. MAMATHALAXMI, ASST. PROF., MR.L.RAJU, ASST. PROF., MRS.G.PAVANILATHA, ASST. PROF., & DR.K.VIJAYAKUMAR, PROF. & HEAD PUBLISHED A PAPER ON ANALYSIS OF STUDENT ACADEMIC PERFORMANCE LEADING TECHNOLOGY USING CLASSIFICATION ALGORITHMS IN JOURNAL OF CRITICAL REVIEWS OF VOLUME 7 ISSUE 19, AUGUST 2020.

**ECE**

- DR. K.V.RAMANARAO ASSOC. PROF., PUBLISHED A PAPER ON "IMPLEMENTATION STRATEGY TO MINIMISE THE SPECKLE NOISE FROM POLARIMETRIC SAR DATA" IN SCOPUS OF VOL. 10, ISSUE 3, JULY 2020.
- MR.ASHOK KUMAR ASST. PROF., PUBLISHED A PAPER ON "DESIGN AND COMPARISON OF SAR ANALYSIS FOR DIFFERENT ANTENNAS" IN SCOPUS OF VOL. 7, ISSUE 17, JULY 2020.
- MS.GESALAVIJAYA TEJA SWAROOPA ASST. PROF., PUBLISHED A PAPER ON "SIMULATION ANALYSIS OF ANTENNA COUPLING FACTOR FOR AIRBORNE APPLICATIONS" IN SCOPUS OF VOL. 7, ISSUE 18, AUG 2020.
- DR. K.V.RAMANARAO ASSOC. PROF., PUBLISHED A PAPER ON "UNMANNED GROUND ROBOT FOR DIFFUSING EXPLOSIVES WITH SURVEILLANCE" IN SCI OF VOL 13 ISSUE 31, JULY 2020.
- MRS.S.MALATHI ASST. PROF., PUBLISHED A PAPER ON "V BAND FREQUENCY RECONFIGURABLE ANTENNA FOR MILLIMETER WAVE APPLICATIONS" IN SCOPUS OF VOL.79, ISSUE 15, SEP 2020.

**PLACEMENTOR**

**DEPT. OF CSE**

	<b>3 STUDENTS 3.8 LPA</b>
	<b>10 STUDENTS 3.36 LPA</b>
	<b>1 STUDENT 6 LPA</b>
	<b>3 STUDENTS 4 LPA</b>

**Company**

**MECHANICAL ENGG STUDENT**

**Package**





Patibandla Naga Sri

**4.5 LPA**

**VISION**

To be a leading institution of women empowerment producing internationally accepted professionals with psychological strength, emotional balance and ethical values

**MISSION**

M1: To empower women engineers through innovative teaching-learning practices.

M2: To encourage for higher education and research with well-equipped laboratories.

M3: To promote entrepreneurship through creativity and innovation.

M4: To promote environmental sustainability and inculcate ethical, emotional and social consciousness.

**EDITORIAL BOARD**

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**From the Principal's Desk:**

Dear Friends! We are in the thick of the battle against the pandemic. All of us have to face the situation bravely and tide over the crisis. It will be a watershed year for everyone especially in the education sector with changing paradigms in terms of learning through the timely help of digital platforms and devices. Zoom teams up with us in braving the waves of pandemic. Stay safe and secure!

Dr. J. Sudhakar

**Message by Academic Director:**

I am happy that the academic community has fit itself appropriately into the digital mode learning and teaching with ease and comfort. We have to be very careful for a while as the pandemic is on the rising spree. With best wishes!



Prof. A. Sesha Rao

**IoT Projects by Students**



"Rakshana" Women Safety Smart Dustbin Real-Time Mask Recognition using Alarm buzzer system using GPS

**ACHIEVEMENTS**

G. Prashipta(16NM1A05E8) entered in Andhra Book of Records & Asia book of records in coin collection on 19/07/2020 & 02/08/2020.  
G.Krishnaveni(19NM1A0555) won Merit Certificate as Mynep Ambassador by MyNep on 24/09/2020.

## CSE

Dr.P. VijayaBharati,Assoc. Prof. published a Chapter onA Cognitive Perception on Content Based Image Retrieval using Advanced Soft Computing ParadigminAdvanced Machine Vision Paradigms for Medical Image Analysis (Elsevier),Chapter 6/ 1<sup>st</sup> edition,ISBN 9780128192955,3<sup>rd</sup> August 2020.

Dr.P.VijayaBharati,Assoc. Prof. published a paper onAn approach for securing the data storage in Cloud using combined predicate based encryption in *International Journal of Advanced Science and Technology of Volume 29 Issue 8*,July 2020.

Mr.V.Sita Rama Prasad, Asst. Prof. published a paper on *Data Analysis and Prediction of COVID-19 Using Machine Learning Models inInternational Journal of Advanced Science and Technology of Volume 29,Issue 7*, July 2020.

Mrs. G.Sandhya, Asst. Prof. &Mrs.ShaikRahimunnisa, Asst. Prof. published a paper on Detect and Prevent the Credit Card Fraud Transaction using Face Recognition and Gray-Level Co-occurrence Matrices Algorithm in *Journal of Critical Reviewsof Volume 7,Issue 18*,July 2020.

Mr.A.Maheswararao, Asst. Prof. published a paper onDetection of Agro based products quality using Convolutional neural networks in *Journal of Critical Reviewsof Volume 7,Issue 10*,July 2020.

Mrs.M.Mamathalaxmi,Asst.Prof.,Mrs.G.PavaniLatha,Asst.Prof.,Mr.R.Ravi,Asst.Prof.&Mr s.N.SowjanyaKumari,Asst.Prof. published a paper onMGLOEC and MGLIP Steganography Techniques for Hiding Message in Gray Image in *Journal of Critical Reviewsof Volume 7*, August 2020.

Mrs. M. Mamathalaxmi, Asst. Prof.,Mr.I.Raju, Asst. Prof., Mrs.G.PavaniLatha, Asst. Prof., &Dr.K.VijayaKumar,Prof. & Head published a paper on Analysis of student academic performance leading technology using Classification Algorithms in *Journal of Critical Reviewsof Volume 7 Issue 19*,August 2020.

Ms. B. Haritha Lakshmi, Asst.Prof. & Mrs. J. HimaBindu, Asst.Prof. published a paper on Performance Evaluation of Traffic and Energy Aware Routing Protocol in Wireless Sensor Networks in *Journal of Critical Reviewsof Volume 7,Issue 19*, July 2020.

## ECE

Dr. K.V.RamanaRao Assoc. Prof., published a paper on “Implementation Strategy To Minimise The Speckle Noise From Polarimetric SAR Data” in Scopus of Vol. 10, Issue 3, July 2020.

Mr.P.Ashok kumar Asst. Prof., published a paper on “Design and Comparison of SAR Analysis for Different Antennas” in Scopus of Vol. 7, Issue 17, July 2020.

Ms.GeesalaVijaya Teja Swaroopa Asst. Prof., published a paper on “Simulation Analysis Of Antenna Coupling Factor For Airborne Applications” in Scopus of Vol 7, Issue 18, Aug 2020.

Dr. K.V.RamanaRao Assoc. Prof., published a paper on “Unmanned ground robot for diffusing explosives with surveillance” in SCI of Vol 13 Issue 31, July 2020.

Mrs.S.Malathi Asst. Prof., published a paper on “V Band Frequency Reconfigurable Antenna For Millimeter Wave Applications” in Scopus of Vol.79, Issue 15, Sep 2020.

## MECH

Nagendrababu, M., Boosala, S. & Darapu, S. S. K. (2020). Transient analysis and optimization of annular elliptical fins with mixed boundary condition. *International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)*, 10(3), 2975-2984.

Bhaumik & K. P. Maity, 2020, Multi response optimization of EDM parameters using grey relational analysis (GRA) for Ti-5Al-2.5Sn titanium alloy, *World Journal of Engineering*, DOI (10.1108/WJE-06-2020-0210).

Mahapatruni N, Ramana Rao KV, Velangini Sarat P & Bhaumik M (2020). Unmanned ground robot for diffusing explosives with surveillance. *Indian Journal of Science and Technology*, 13(31), 3160-3175. <https://doi.org/10.17485/IJST/v13i31.1086>

Varadala, A.B., Gurugubelli, S.N. & Bandaru, S (2020). Severe plastic deformation of AA 5083 and copper bimetallic metal. *SN Appl. Sci.* 2, 1562. <https://doi.org/10.1007/s42452-020-03384-9>

Sanjeevarao, K., Pavani, P. N. L., Suresh, C., & Kumar, P. A. (2020). Experimental investigation on VCR diesel engine fuelled with Al<sub>2</sub>O<sub>3</sub> nanoparticles blended cottonseed biodiesel-diesel blends. *Materials Today: Proceedings*. <https://doi.org/10.1016/j.matpr.2020.08.042>

## BS&amp;H

Dr.R.S.S Srikanth Vemuri published a paper on Kinetics of Dissociation of bis(2,4,6-Tripyridyl-s-triazine)iron(II) and tris (2,2'-Bipyridyl)iron(II) in the presence of Triton X-100/Tween 80 Mixed Micellar Medium in Asian Journal of Chemistry Vol. 32, No. 8 1955-1960 July 2020 DOI: [10.14233/ajchem.2020.22709](https://doi.org/10.14233/ajchem.2020.22709)

Mr. K. Surya Narayana Rao published a paper on\_Perishable Inventory model with finite rate of Replenishment having generalized Pareto Decay\_EPRA International journal of Multidisciplinary Research (IJMR) Vol:6, Issue:7 July 2020 DOI:10.3673/epra2013

Dr. T. Radhakrishna Murthy published a paper on Convergence of Disinterested Word and action – A Presidential Retrospective in International Journal of English Language, Literature Studies Volume 9, Issue 3 October 2020 ISSN 22780742

Dr. V.R.S.S. Srikanth presented a poster on Experimental& Theoretical determinations of Critical Micellar Concentrations of Mixed Non-ionic Surfactants at the 3 day International Virtual Conference on Impact of Chemical Disasters on BIOTA(ICDB) Andhra University 24<sup>th</sup>-26<sup>th</sup> July 2020

## FDPS/WORKSHOPS/CONFERENCES: FACULTY

## ME

Mrs. P. Prasanna Kumari has attended 5 days workshop on **Application of Robotics, Mechatronics and Artificial Intelligence Techniques in Various Systems of Industrial Environments** organized by GIET during July 6-10, 2020.

Mr. V. Ananda Babu has attended a workshop on **Application of data science for industries problem through python** organized by JNTU Kakinada during August 10-28, 2020.

Mr. Ch. Suresh has attended 5 days FDP on **Advanced Materials and Manufacturing** organized by KITS, Warangal during June 29 –July 03, 2020.

Dr. Munmun Bhaumik & Mr. P. Anil Kumar have attended 6 days FDP on **Advanced Research Traits in materials & design of mechanical systems** organized by VFSTR (Deemed to be University), Guntur during July 22-27, 2020.