# PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (AUTONOMOUS) VIJAYAWADA

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Journal Publications-2019-2020

**Updated on 07.07.2021**

**Total Publications: 33 SCOPUS:9, OTHERS: 22 UGC:2**

| S.No. | Authors | Affiliation | Topic Title | Journal Name | ISSN | Volume | Issue | Page No.'s | Month & Year | Indexing |
|---|---|---|---|---|---|---|---|---|---|---|
| 1. | Dr.B V Subba Rao, Mr.P.Ravi Prakash, Dr.S.Sai Kumar | PVPSIT | Significant Software Programme Improvements through Software Management Process Workshops | International Journal of Research and Analytical Reviews (IJRAR) **(IF:5.75)** | **ISSN: 2348-1269** | 6 | 4 | 593-597 | Dec 2019 | **OTHERS** |
| 2. | Dr.B V Subba Rao, Ms.J.Sirisha Dr.S.Sai Kumar | PVPSIT | An IoT based Drainage Overflow Forecast Monitoring System | International Journal of Innovative Technology and Exploring Engineering (IJITEE) | **ISSN: 2278-3075** | 9 | 3 | 2667-2669 | Jan 2020 | **OTHERS** |
| 3. | Dr. J.Rajendra Prasad | PVPSIT | Enhanced Segmentation Algorithm for Hyper-Spectral Imaging(HSI) | JOURNAL OF CRITICAL REVIEWS | ISSN-2394-5125 | 7 | 18 | --- | June 2020 | **OTHERS** |
| 4. | Dr.J.RajendraPrasad, Dr.S.Sai Kumar | PVPSIT | Characteristic Vulnerabilities of Districts of Andhra Pradesh | International Journal for Innovative Technology and Exploring Engineering (IJITEE) | **ISSN: 2278-3075** | 9 | 6 | 349-354 | April 2020 | **OTHERS** |
| 5. | Dr.J.Rajendra Prasad | PVPSIT | An amalgamation classification approach on hyper spectral imaging | Test Engineering and Management | 0193-4120 | 83 | - | 7613-7616 | March-April 2020 | **OTHERS** |
| 6. | Dr.J.RajendraPrasad | PVPSIT | Hyperspectral Image | Journal of Information and Computational Science | **ISSN: 1548-** | 9 | 12 | 1326-1329 | 2019 | **OTHERS** |

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|---|---|---|---|---|---|---|---|---|---|
| | | | Segmentation using Adaptive Clustering Algorithms | | **7741** | | | | |
| 7. | Dr.J.RajendraPrasad | PVPSIT | BEMD based Dimensionality Reduction in Framework for Hyper spectral image segmentation | International Journal of New Innovations in Engineering and Technology | ISSN: **2319-6319** | 12 | 2 | 082-85 | Nov 2019 | **OTHERS** |
| 8. | Dr.J.RajendraPrasad | PVPSIT | GA Based Dimensionality Reduction in Hyper spectral image Segmentation Framework | International Journal of Computer Engineering and Technology | ISSN: **0976-6367** | 10 | 4 | 1-3 | August 2019 | **OTHERS** |
| 9. | Dr.D.Kavitha | PVPSIT | Optimized Graph Classification Model using Frequent Significant Patterns for Analysis | International Journal of Advanced Science and Technology. | 2005-4238 | 29 | 6 | 3077-3086 | 2020 | **SCOPUS** |
| 10. | Dr.D.Kavitha | PVPSIT | Internet of Things for Smart Applications | Parishodh Journal **(IF:6.3)** | ISSN :2347-6648 | 9 | 3 | 3870-3878 | March 2020 | **UGC** |
| 11. | Ms.J.Sirisha | Krishna University | An Ontology Based Expert System for Lung Cancer: OBESLC | International Journal of Engineering and Advanced Technology | **ISSN: 2249-8958** | 9 | 2 | 4622-4626 | Dec 2019 | **OTHERS** |
| 12. | Dr. A.Haritha , Dr.P.V.S.Lakshmi | PVPSIT | Design and implementation of a Methodology for Object Counting | Parishodh Journal **(IF:6.3)** | ISSN :2347-6648 | 7 | 3 | 849-855 | March 2020 | **UGC** |
| 13. | Dr. A.Haritha , Dr.P.V.S.Lakshmi | PVPSIT | Review on Mobile Apps for Digitized | International Journal of Psychosocial Rehabilitation | ISSN: 1475- | 24 | 4 | 2248-2253 | Jan 2020 | **SCOPUS** |

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|---|---|---|---|---|---|---|---|---|---|---|
| | | | Diagnosis with TMAS-A Tele medical Aided System | | 7192 | | | | | |
| 14 | Dr.A.Haritha, Dr.P.V.S Lakshmi, Dr.G.Lakshmi | PVPSIT | Design and Development of Smart Cafeteria to manage the process flow of a restaurant | International Journal for innovative Engineering and Management Research | ISSN: 2456-5083 | 8 | 12 | 199-204 | Dec 2019 | **OTHERS** |
| 15 | Dr.Y.Suresh | PVPSIT | Feature Extraction and Analysis in Multimodal Biometric Authentication using Lu Factorization with Kronecker Algebra | International Journal of Innovative Technology and Exploring Engineering (IJITEE) | **ISSN: 2278-3075** | 8 | 11 | 3837-3839 | September -2019 | **SCOPUS** |
| 16 | Dr. K.Pavan Kumar, Dr.Y.Suresh | PVPSIT | Image Analysis using non Negative Matrix Factorization | International Journal of Recent Technology and Engineering (IJITEE) | **ISSN: 2277-3878** | 8 | 5 | 5056-5058 | Jan 2020 | **OTHERS** |
| 17 | Dr.S.Sai Kumar, Dr.B V Subba Rao, Ms.J.Sirisha | PVPSIT | Disease Prediction using Machine Learning | International Journal of Recent Technology and Engineering (IJRTE) | ISSN: 2277-3878 | 8 | 6 | 3906-3911 | March 2020 | **OTHERS** |
| 18 | M.SundaraBabu Ch.ChandraMohan | PVPSIT | News classification using Machine Learning | Journal of Emerging Technologies and innovative research **(IF:5.87)** | 2349-5162 | 7 | 3 | - | March 2020 | **OTHERS** |
| 19 | Ms.K.Swarupa Rani | PVPSIT | IOT Deep Learning Based Detection of Cyber Security Threats | JOURNAL OF CRITICAL REVIEWS | ISSN-2394-5125 | 7 | 18 | 1-5 | June 2020 | **OTHERS** |
| 20 | Ms.K.Swarupa Rani Ms. D.Leela Dharani | PVPSIT | Modelling Density Based Smart Traffic Congestion Control System | Test Engineering and Management | 0193-4120 | 83 | - | 13417-13421 | April 2020 | **OTHERS** |
| 21 | Mr. IMV Krishna | PVPSIT | A Literature Survey on Identification of moving vehicles | Test Engineering and Management | 0193-4120 | 83 | - | 13004-13007 | March-April 2020 | **OTHERS** |
| 22 | Mr. P.Ravi Prakash | PVPSIT | Forest Cover | International Journal of Advanced | 2005- | 29 | 11 | 1284- | 2020 | **OTHERS** |

| | Author | Institution | Title | Journal | ISSN | Volume | Issue | Pages | Date | Indexing |
|---|---|---|---|---|---|---|---|---|---|---|
| | Dr.R.VijayKumar Reddy | | Prediction using Machine Learning | Science and Technology | 4238 | | | 1291 | | |
| 23 | Ms. Y.Padma<br>Mr.S.SaiKumar | PVPSIT | Implementing Smart Attendance System using IoT | International Journal of Innovative Technology and Exploring Engineering DOI:10.35940/ijitee.C8502.019320 | 2278-3075 | 9 | 3 | 1635-1637 | January 2020 | **OTHERS** |
| 24 | Ms.Y.Padma | PVPSIT | Integrated Density based clustering algorithm (IDBSCAN) for high dimensional datasets | Journal of Advanced Research in Dynamical & Control Systems. | **ISSN: 1943-023X** | 11 | 7 | 304-312 | Sep 2019 | **SCOPUS** |
| 25 | Ms.K.Srivijaya | PVPSIT | Efficient Machine Learning Model to Predict the Disorder of Autistic Spectrum | Journal of Critical Reviews | 2394-5125 | 7 | 9 | 70-76 | May 2020 | **SCOPUS** |
| 26 | Ms. D.Leela Dharani,<br>Ms.K.Swarupa Rani. | PVPSIT | Analysis of Sensor Based Smart Railway Gate Control System | Test Engineering and Management | 0193-4120 | 83 | - | 13280-13285 | April 2020 | **OTHERS** |
| 27 | Ms. D.Leela Dharani | PVPSIT | Analysis of Intelligent Techniques in Personalization in E-Learning Systems | JOURNAL OF CRITICAL REVIEWS | ISSN-2394-5125 | 7 | 18 | 385-393 | June 2020 | **SCOPUS** |
| 28 | Mr.G.Venugopal | Acharya Nagarjuna University | A Hybrid Kernel-Based Support Vector Machine Algorithm for intrusion Detection System. | Journal of Advanced Research in Dynamical & Control Systems. | **ISSN: 1943-023X** | 11 | 8 | 143 | July 2019 | **SCOPUS** |
| 29 | Ms.M.Sowjanya<br>Ms.K.Srivijaya | PVPSIT | Deliver an accurate image on the digital Certificate and Digital Signature using RSA and SHA | Journal of Adv Research in Dynamical & Control Systems. | 1943-23X | 11 | 7 | 501-514 | Sep 2019 | **SCOPUS** |

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|---|---|---|---|---|---|---|---|---|---|---|
| 30 | Dr.R.Vijay Kumar Reddy | PVPSIT | IMPROVED EMOJI IDENTIFICATION FOR SENTENCE USING LSTM IN RNN | JOURNAL OF CRITICAL REVIEWS | ISSN-2394-5125 | 7 | 18 | 385-393 | June 2020 | **OTHERS** |
| 31 | Dr.R.Vijay Kumar Mr.K.Prudvi Raju Mr.G.Venugopal | PVPSIT | Recognition of Two Connected Handwritten Digits Based on User-Defined Algorithm | International Journal for Innovative Technology and Exploring Engineering (IJITEE) | **ISSN: 2278-3075** | 9 | 3 | 1723-1728 | Jan 2020 | **OTHERS** |
| 32 | Dr.R.Vijay Kumar Reddy Mr.P.Ravi Prakash | PVPSIT | Effectiveness of Data Augmentation on Handwritten Digit Classification | Journal of Advanced Research in Dynamical & Control Systems. | **ISSN: 1943-023X** | 11 | 12 | 90-96 | Nov 2019 | **SCOPUS** |
| 33 | Mr.Ch.Chandra Mohan | PVPSIT | The Efficient way to perceive Leaf ailment An Implementation. | Journal of Xidean University. | 1001-2400 | 14 | 6 | 2240-2249 | 2020 | **OTHERS** |