**PRASAD V. POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY**
**KANURU, VIJAYAWADA**
**DEPARTMENT OF INFORMATION TECHNOLOGY**
**Interaction with outside world**
**Journal Publications**
**Academic Year 2019-20**

| Sl.No. | Nature of Activity | Participant | Title | Name of the collaborating agency | Duration |
|---|---|---|---|---|---|
| 1) | | Anupriya Koneru, D.Leela Dharani, A.Vijaya Kumar | Analysis of Intelligent Techniques in personalization in E-Learning Systems | Journal of Critical Reviews | **March -June 2020** |
| 2) | | Dr. B.Premamayudu, Dr. N. Lakshmpathi Anantha, Dr. R.Vijaya Kumar Reddy, Dr. M Jogendra Kumar | Improved Emoji Identification for Sentence Using LSTm in RNN | Journal of Critical Reviews | **March -June 2020** |
| 3) | | B.Srinivas, Dr.J.Rajendra Prasad | Enhanced Segmentation Algorithm for Hyper-Spectral Imaging (HIS) | Journal of Critical Reviews, ISSN 2394 – 5125, Vol 7, Issue 18, 2020 | **June 2020** |
| 4) | | Y.Padma, S.Sai Kumar, Venkata Jaswanth Kadiyala T. Bharat Chand | Implementing Smart Attendance System using IoT | IJITEE | January 2020 |
| 5) | | Mr. Ch.Chandra Mohan, Dr.A Jagadeeswara Rao, Mr.B. Trivikrama Rao | The Efficient way to perceive Leaf Ailment – An Implementation | Journal of Xidian University | **2020** |
| 6) | | G.Venu Gopal, Dr.Gatram Rama Mohan Babu | A Hybrid Kernel-Based Support Vector Machine Algorithm for Intrusion Detection System | Journal of ArdCS Vol 11,No. 8 | 2019 |
| 7) | | K.Pavan Kumar, S.V.N Srinivasu, Ch.Anuradha | A Naïve approach for Viewpoint Pattern Mining | Journal of 2019Computational and Theoritical Nanoscience Vol 16,1-7,2019 | 2019 |
| 8) | | Syed Shareefunnisa, Maridu | Integrated Density based Clustering algorithm | Journal of Adv Research in | Sept-2019 |

| | | Bhargavi, Pavan Kumar Kolluru, Y.Padma | (IDBSCAN) for High Dimensional Datasets | Dhynamical & control Systems, Vol 11, Issue – 07,2019 | |
|---|---|---|---|---|---|
| 9) | | Dr.B.V.Subba Rao,Mr. P.Ravi Prakash, Dr. G.Siva Nageswara Rao, Dr. S.Sai Kumar | Significant software Programme Improvements through Software Management Process Workshops | IJResarch and Analytical Reviews, December, 2019, Volume6, Issue 4 | December 2019 |
| 10) | | Dr.R.Vijaya Kumar Reddy, Dr. B.Srinivasa Rao, Dr. Shaik Subhani, P.Ravi Prakash | Effectiveness of Data Augmentation on Handwritten Digit Classification | Journal of Adv Research in Dynamical & Control Systems, Vol 11 No. 12 2019 | Nov 2019 |
| 11) | | J.Sirisha, M.Babu Reddy | An Ontology Based Expert System for Lung Cancer, OBESLC | International Journal of Engineering and Advanced Technology (IJEAT), ISSN:2249 -8958 Vol 9 Issue – 2 December, 2019 | December 2019 |
| 12) | | B.Vijaya Kumar Reddy, K.Prudvi Raju, G.Venugopal, B. Srinivasa Rao | Recognition of Two Connected Handwritten Digits Based on User- Defined Algorithm | International Journal of Innovative Technology and Exploring Engineering(IJITEE), ISSN  2278 – 3075, Vol -9, Issue -3 January 2019 | January 2019 |
| 13) | | S. Shivaprasad, M. Sadanandam, Meka Sowjanya, Sri Vijaya Kondapalli | Deliver an accurate image on the Digital Certificate and Digital Signature using RSA and SHA | Journal of Advanced Research in dynamical & Control Systems, Vol 11, Issue – 07, 2019 | Sept 2019 |
| 14) | | B.Srinivas, Dr.J.Rajendra Prasad | Hyperspectral Image Segmentation using Adaptive Clustering Algorithms | Journal of Information and Computational Science, Vol 9, Issue 12-2019 | 2019 |
| 15) | | B.Srinivas, Dr.J.Rajendra Prasad | BEMD based Dimensionality Reduction in Framework for Hyperspectral Iamge Segmentation | International Journal of New Innovations in Engineering and Technology, ISSN: 2319-6319, Volume 12, Issue 2, November 2019 | November 2019 |

| | | | | |
|---|---|---|---|---|
| 16) | | GA Based Dimensionality Reduction in Hyperspectral Image Segmentation Framework | International Journal of Computer Engineering and Technology, Volume 10, Issue 04, July- August 2019 | |
| | B.Srinivas, Dr.J.Rajendra Prasad | | | July-August 2019 |
| 17) | | Image Analysis using Non Negative Matrix | International Journal of Recent Technology and Engineering(IJRTE), ISSN : 2277 – 3878, Vol – 8 Issue – 5, January 2020 | |
| | PESN Krishna Prasad, K.Pavan Kumar, Y.Suresh | | | January 2019 |
| 18) | | Review on Mobile Apps for Digitized Diagnosis with TMAS – aTele Medical Aided System | International Journal of Psychosocial Rehabilitation Vol 24, Issue 04, 2020 | |
| | Dr. A.Haritha, Dr. P.V.S.Lakshmi, Y.Snigdha | | | January 2020 |
| 19) | | Optimized Graph Classification Model using Frequent Significant Patterns for Analysis | International Journal of Advanced Science and Technology Vol 29, No 6,(2020 ), ISSN 2005 – 4238 | |
| | Dr.D.Kavita, Dr.D.Haritha | | | 2020 |
| 20) | | Image Analysis using Non Negative Matrix Factorization | International Journal of Recent Technology and Engineering ISSN: 2277 – 3878, Vol – 8 Issue – 5, January 2020 | |
| | PESN Krishna Prasad, K.Pavan Kumar, Y.Suresh | | | 2020 |
| 21) | S.Shivaprasad, Syed Shareefunnisa, Sri Vijaya Kondapalli, K.Eswar Prasanth kumar | Efficient Machine Learning Model to Predict the Disorder of Autistic Spectrum | Journal of Critical Reviews ISSN 23945125 Vol 7 Issue 9 2020 | |
| | | | | May 2020 |
| 22) | | Characteristic Vulnerabilities of Districts of Andhra Pradesh | International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278 – 3075, Volume – 9 Issue – 6 April 2020 | |
| | J.Rajendra Prasad, S.Sai Kumar, T.Santhi Sri | | | April 2020 |
| 23) | | An Amalgamate Classification Approach on Hyperspectral      Imaging | Test Engineering & Management | |
| | B.Srinivas, Dr.J.Rajendra Prasad | | | March-April 2020 |

# Faculty Members acted as Resource Person

## (Outside the College)

| S.No. | Name | Event Name | Roll | Date(s) |
|---|---|---|---|---|
| 1. | Dr. B.V.Subba Rao | One day certification program on "Agile Software Development" organized by The Institute of Engineers Vijayawada | Guest of Honor | 31-08-2019 |
| 2. | Mr. K Prudvi Raju | One day workshop on "Internet of things" at RVR & JC College, Guntur | Resource Person | 17-07-2019 |