

**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY (Autonomous)**  
**KANURU, VIJAYAWADA**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**FACULTY ACHIEVEMENTS (2016-17)**

**Faculty Achievements:**

1. **Mr. B. Srinivasa Rao, Mr. IMV Krishna, Mr. MVSN Maheswar and Mr. A. Vanamala Kumar** has received appreciation certificates from the Commissioner of Police, Vijayawada for acting as volunteers for “KRISHNA PUSHKARALU-16” from 12-23 Aug’16.
2. **Mr. P. E. S. N. Krishna Prasad** has delivered a talk on Applications of Machine Learning with R and Data Analytics in On- Week FDP on “ Machine Learning with R “ from 27th September 2016 to 1st October 2016 by Department of CSE, PVPSIT
3. **Dr. A Sudhir Babu** acted as a Track Chair/ Session Judge for “International Conference on Advanced Computing and Communications (ICACC-2016)” on 21st October 2016 at Shri Vishnu Engineering College of Women, Bhimavaram.



4. **Mr. B. Srinivasa Rao** has been awarded Doctoral Degree in the Faculty of CSE for the thesis entitled “An Intelligent Classification System Assembled with Evolutionary and Neural Network Algorithms “by JNTUK Kakinada on 25.10.2016.

5. **Dr. S Madhavi**, Professor has received a grant of Rs.2,60,000/- for her UGC Minor research project on “A System to Isolate, Detect and Quantifies Engineering Nano particles and provide secured channel using a key establishment “ on November 2016.
6. **Mr. V Rajesh** was qualified in APSET- 2016 held on November 2016.
7. **Mr. P E S N Krishna Prasad** was elected as Senior Member in IEEE.
8. **Mr. P E S N Krishna Prasad** was nominated as Technical Committee Member in IEEE SMC on Soft Computing
9. **Dr. A. Sudhir Babu** has got selected as a Research Guide from JNTU Kakinada to guide Ph.D enrolled Students.
10. **Dr. A Sudhir Babu** has delivered a guest lecture on “Security in MANETS by Trust Model” on 17th December 2016 at AVN Institute of Technology, Ibrahimpatnam, Rangareddy.
11. **Mr. A. Vanamala Kumar** was felicitated as SPOC for the NPTEL Local Chapter Prasad V Potluri Siddhartha Institute of Technology, which is rated AA based on performance in NPTEL Online Certification Courses during the period July-December 2016. at IIT Madras on 17.12.2016



12. **Mr. P. E. S. N. Krishna Prasad** has delivered a talk on “ Machine Learning Algorithms with R and its Applications” at JNTUA College of Engineering, Ananthapur, on 23~24, December 2016.

**13. Mr. P. E. S. N. Krishna Prasad** has delivered a guest lecture on “Data Analytics and Machine Learning algorithms with R” at R. V. R. & J. C. College of Engineering, Guntur on 29, December, 2016.

**14. Mr. P E S N Krishna Prasad** was nominated as State level CSI Student Coordinator, Andhra Pradesh.

**15. Dr. S. C. Satapathy** has received the “Best Leadership of the Year” under Academic Segment 2017 presented on the occasion of ICTIS 2017 by ASSOCHAM (Associated Chambers of Commerce of India) & GR Foundation on 25th March 2017.



**16. Dr. A. Sudhir Babu** has got the Certificate of Excellence in Reviewing by IJRST Journal

**17. Dr. A. Sudhir Babu** has got the Certificate of Excellence in Reviewing by IJSTE Journal 5

**18. Dr. A. Sudhir Babu** has got the Certificate of Reviewing by GRD Journal.

## **Faculty Publications:**

- 1. Ms. G Lalitha Kumari, Ms. Y Surekha, Mr. A Vanamala Kumar** has published a paper on “Clinical Support System to predict Heart Diseases using ABC Algorithm of Artificial Neural Networks” in International Journal of Innovations in Engineering and Technology (IJIET) with ISSN: 2319-1058 on August 2016. Volume 7 Issue 2, page No: 315-321.
- 2. Dr. A Sudhir Babu** has published a paper on “Stratified Approach using Conditional Random Fields in Diagnosis of Intrusions”, International Journal of Scientific Engineering and Technology Research, Vol 5, Issue 38, October 2016, Pp. 7942-7945.
- 3. Mr. V. Rajesh, Mr K. Venkatesh, Mr. S. Phani Praveen** has published a paper entitled “An Algorithm for basic IOT architecture” in III International conference on Emerging Technologies in Computer Science and Engineering, Oct -16.
- 4. Mr. K. Syama Sundara Rao** has published a paper on “Study of Relation between the Proportion of opinionated Tweets and Retweets” in IJCTT Volume 40 Number 3- October 2016.
- 5. Mr. S Phani Praveen** has published a paper on “ Mobile Apps Fake Detection based on Ranking using Evidence Aggregation” in IJCTT, Volume 40, Number 2- October 2016. ISSN:2231-2803
- 6. Mr. Ch Chandra Mohan** has published a paper on “ Analyzing Drifts Using Event Logs” in IJRCSE , Volume 6 , Issue 5, Sep-Oct ,2016 with ISSN: 2321-5585.
- 7. Mrs. D. Swapna** has published a paper entitled “A study of Information Retrieval Approaches in Duplicate Bug Detection “ in Indian Journal of Science and Technology: Volume-9,Issue:43,issn.isbn:0974-5645,NOV-2016
- 8. Mr. K. Vijay Kumar** has published a paper on “A Novel Ensemble Based Decision Tree Model for High Dimensional Biomedicine Data in IJCOT Volume 37 Number 1- November 2016.
- 9. Mrs. T. Sri Lakshmi** has published a paper on “Providing Security to User Data using OTP and Image CAPTCHA” in IJCOT-Volume 37 Number 1- November 2016.

10. **Ms. J. Rama Devi** has published a paper on “A Novel Two Step Genetic Program for High-Dimensional Data” in IJCOT-Volume 37 Number 1- November 2016.
11. **Ms. A. Madhuri** has published a paper on “Enhance Security in MultiClouds by Using Secret Sharing Algorithm” in IOSR-JCE Volume 18 eISSN: 2278- 0661, Nov-Dec- 2016.
12. **Ms. D. Swapna** has published a paper on “DualDefend:Identification ofInvasionsin Multi-Layer Web Applications” in IJRSR Volume 2 Nov 2016
13. **Ms. Y. Surekha, Ms. G. Lalitha Kumari** has published a paper on “Associative Based Classification Algorithm For Diabetes Disease Prediction” in IJETT- Volume 41 Number 3- November2016
14. **Dr. M.V Rama Krishna** has published a paper on “ The Comparative study of MANET Routing Protocols AODV,DSDV,OLSR and DSR in Random walk Mobility Model using NS-3” in IJARCCCE, Volume 5, Issue 11, November 2016 with ISSN: 2278-1021.
15. **Mr. I. M. V Krishna** has published a paper on “Choatic Maps for Key Generation in Block Cipher for Multimedia Encryption/ Decryption” in IJCSIT-Volume 7(6) ,ISSN-0975-9646
16. **Mr. N. V. Ramana Gupta** has published a paper on “Identification of Malicious Applications in Online Social Networks” in IJRTI-Volume 1 ,Issue 3 with ISSN-2456-3315.
17. **Ms. A. Divya** has published a paper on “Attribute Based Web Image Search Re ranking Model Paper” in IJSDR/Volume1 Issue-12, ISSN: 2455-2631.
18. **Dr. S. Madhavi** has published a paper on “Secured Authentication using Image Processing and Visual Cryptography to Prevent Shoulder surfing Attack” in IJSDR/Volume1 Issue-12, ISSN: 2455-2631.
19. **Ms. V. Sowjanya and Dr. A. Sudhir Babu** has published a paper on “A Location Based Top-K Queru Secure Processing via Untrusted Location” in IJSDR/Volume1 Issue-12, ISSN: 2455-2631.

- 20. Ms. G. Lalitha Kumari and Ms. Y Surekha** has published a paper on “Classical Data Migration Technique in Multi Database Systems (SQL and NOSQL)” in IJCSIT/Volume7 (6) , 2016, ISSN-0975-9646.
- 21. Ms. V. Siva Parvathi** has published a paper on “Automatic Image Annotation is using Birch Clustering Algorithm” in IJIACS/Volume5 Issue11, ISSN: 2347-8616.
- 22. Ms. B. Lakshmi Ramani** has published a paper on “Enhancing Cloud Security by DES through K-NN Computation” in IOSR-JCE/Volume18 Issue-6, ISSN: 2278-8727.
- 23. Dr. A Sudhir Babu,** has published a paper on “Collaborative Trust Model for Reactive Routing Protocols of MANETs”, International Journal for Research Trends and Innovations, Vol 2, Issue 1, December 2016.
- 24. Mr. V Rajesh** has published a paper on “ Efficient Elimination of Duplicates in Storage Systems” in IOSR Journal of Mobile Computing & Application, Volume 3, Issue 6(Nov-Dec 2016). PP 38-43 : DOI: 10.9790/0050-03063843
- 25. Mr. A Yuva Krishna** has published a paper on “ Four problem Minimization in Software Testing Resource Allocation” in IOSR Journal of Computer Engineering, Volume 18, Issue 6, Ver.III(Nov-Dec.2016) DOI: 10.9790/0661-180603109116
- 26. Mr. D Lokesh Sai kumar** has published a paper on “ An Efficient Personalized Approach for Protection data in Web Search” in IJSDR, Volume 1, Issue 12.ISSN: 2455-2631.
- 27. Mr. M V S N Maheswar** has published a paper on “ Geo Spatial Data Hiding for Copy Right Protection using 2X2 Block Approach” in IOSR Journal of Computer Engineering, Volume 18, Issue 6, Ver.III(Nov-Dec 2016) DOI:10.9790/0661-1806038286.
- 28. Ms. Ch Ratna Jyothi** has published a paper on “ A novel Approach for OSN User Walls for Filtering Unwanted Messages” in IJSDR, Volume 1, Issue 12, December 2016 with ISSN: 2455-2631.

- 29. Mr. B. Vishnu Vardhan** has published a paper on “ Audio Stegnography with Data Encryption and Decryption using Discrete Wavelets Transformation” in IJSDR, Volume 1, Issue 12, December 2016 with ISSN:2455-2631.
- 30. Ms. A Ramana Lakshmi** has published a paper on” Efficient Clustering of Text Document using Spherical K-Means Algorithm” in IJCSIT, Volume 7, Issue 5, Dec, 2016 with ISSN : 2187-2190
- 31. Ms. D Sree Lakshmi** has published a paper on “ An Efficient Privacy Preserving and Authentication based Data Transmission using Group Key Authentication Based on Secret Sharing” in International Journal of Scientific and Research Publications, Volume 6, Issue 10, October 2016 with ISSN 2250-3153
- 32. Mr. K Venkatesh and Dr. A Sudhir Babu** have published a research paper on “ Pre Query Approaches to Improve the Accuracy for Classifying Deep Web Forms” in International Journal of Merging Technology and Advanced Research in Computing, Volume IV, Issue 16, Dec 2016 with ISSN:2320- 1363.
- 33. Mr. B N Swamy** has published a paper on “Context Matching Technique for Prediction based Lossless Compression Using Rice Coding Technique” in IJSDR , Volume 1, Issue 12 with ISSN : 2455-2631.
- 34. Dr. B SrinivasaRao** has published a paper on “Finger Print Classification Using Artificial Networks” in IJRCCT, Volume 5, Issue -12, December 2016 with ISSN 2278-5841.
- 35. Mr. P Anil Kumar** has published a paper on “ Rank based Encrypted Cloud data Through Searching” in IJSDR, Volume 1, Issue 12 December 2016 with ISSN 2455-2631.
- 36. Dr. S. C. Satapathy** has published a paper “Estimation of Complexity by Using an Object Oriented Metrics Approach and its Proposed Algorithm and Model” in International Journal of Networking and Virtual Organisations.
- 37. V. Siva Parvathi, M. Sailaja** has published a paper "An Extended Deep Learning Approach to Achieve Promising Performance in Classifying Skewed Data Sets" in IJSETR May-17

38. **Dr. Suresh Chandra Satapathy** has published a paper “Entropy based Segmentation of Tumor from Brain MR Images - A study with Teaching Learning Based Optimization, in Pattern Recognition Letters.” In ELSEVIER June-2017.

### **Presentations in seminars or conferences:**

1. **Dr. S. C.Satapathy** has presented a paper “ Multi-Focus Image Fusion Method using 2D-Wavelet Analysis and PCA” in 2nd International Conference ICTIS 2017, Springer Series.
2. **Dr. S. Madhavi** has presented a paper “Home Automation System Using Android” at the National Conference on “Recent Trends in Information Technology 2017” on 10th March 2017.

### **Professional Activities: Workshops/ Seminars/ Conferences Participated:**

1. **Mr. V Rajesh** has attended One month Faculty Industrial Training Program on “Study of IOT Architecture and Android Technologies” from 3rd June 2016 to 2nd July 2016 at Efftronics System Pvt. Ltd, Vijayawada
2. **Mr. A Vanamala Kumar** has attended a one day workshop on “SPOC Awareness Program on NPTEL Students” at IIT Madras on 2nd July 2016.
3. **Mr. P E S N Krishna Prasad** has participated in one Week Training program on “Big data Tools and Machine learning Algorithms (Module 2)” organized by NASSCOM at Acharya Nagarajuna University from 06-07-2016 to 10-07-2016.
4. **Dr. S Madhavi** has attended a seminar on “ Quality standards” at Vignan University, Guntur on 26th August 2016
5. **Mr. KSS Rao and Mr. B. Vishnu Vardhan** has attended 5-day workshop on “ Google Andriod” organized under APSSDC at VVIT, Guntur from 6th – 10th Sept’16.
6. **Mr. S. Phani Praveen** attended 4-Day workshop on “Cloud Computing” organized under APSSDC at VVIT, Guntur from 22nd – 25th Sept’16.



- 7. Mr. D. Lokesh Sai Kumar** has attended 2-day workshop on “Big Data- Challenges and Opportunities” organized under APSSDC at VVIT, Guntur from 30th Sept’16 – 1st Oct’16.
- 8. Mr. Ch. Chandra Mohan** has participated in the Faculty Development Program on “Effective Teaching” organized by P.B. Siddhartha College of Arts & Science, Vijayawada on 24th Oct 2016
- 9. Mr. P. E. S. N. Krishna Prasad**, has attended a One Week FDP on “Big data Tools and Machine Learning algorithms(Module 3) “ organized by NASSCOM from 14th December 2016 to 18th December 2016 at JNTUK, Kakinada
- 10. Dr. S. Madhavi** has attended a Two Week FDP on “Wireless Sensor Networks and Underlying Characteristics” during 14.12.2016 to 23.12.2016 at JNTUH College of Engineering, Hyderabad.
- 11. Mrs. A. Ramana Lakshmi** has Participated in One-Week FDP on “Data Analytics With R & Tabule” organized by Andhra University, Vizag during 8th Jan to 12th January, 2017.
- 12. Mr. A. Vanamala Kumar** has attended an awareness workshop on “ Designing and Delivering Online Courses with Moodle-MOOC Platform & Open Educational Resources”, organized by P. B. Siddhartha College of Arts and Science in January 20th ,2017
- 13. Mr. S. Phani Pravven** has participated in 51 CSI Annual Convention as State Level Student Coordinator-Andhra Pradesh at Coimbatore on 23~25, January, 2017
- 14. Ms. A. Divya and Mr. D. Lokesh Sai Kumar** has attended a one-week workshop on “Scientific Educational Practices” Organized by VRSEC, during 23rd January to 31st January, 2017.
- 15. Dr. A. Sudhir Babu** has participated 3 day workshop on “PYTHON” in Dept. of CSE, PVPSIT from 23-25 March’17.

- 16. Dr. S. Madhavi** has participated 3 day workshop on “PYTHON” in Dept. of CSE, PVPSIT from 23-25 March’17
- 17. Mr. K. S. S. Rao** has participated 3 day workshop on “PYTHON” in Dept. of CSE, PVPSIT from 23-25 March’17.18.
- 18. Mrs. A. Madhuri** has participated 3 day workshop on “PYTHON” in Dept. of CSE, PVPSIT from 23-25 March’17.
- 19. Dr. B. Srinivasa Rao, D. Sree Lakshmi, J. Rama Devi** has participated Two-Day National Seminar on “New Education Policy-Goals and Imperatives” organized by PB Siddhartha college of Arts & Science, in Collaboration with AP State Council of Higher Education during 14-15, March 2017
- 20. Dr. B. Srinivasa Rao B. Lakshmi Ramani, D. Swapna, M. Sailaja** has participated National workshop on “Innovative Teaching Strategies in Engg. Education” organized by VRSEC on 24th March 2017.
- 21. Mr. K. Syama Sundara Rao** has attended a workshop on “Progressive Web Apps” at Google, Gurugram from 11-4-17 to 13-4-17.
- 22. Dr. S. Madhavi, Dr. B. Srinivasa Rao, J. Rama devi, G. Lalitha Kumari, V. Siva Parvathi, B. Lakshmi Ramani, Y. Surekha, D. Sree Lakshmi, T. Sri Lakshmi, A. Madhuri, S. Phani Praveen, A. Divya, K. Venkatesh, A. Vanamala Kumar** has attended one-week FDP on “Computational Intelligence and its Applications in Science & Engineering” from 24-4-17 to 28-4-17 organized by Dept. of CSE, PVPSIT.
- 23. Dr. B. Srinivasa Rao, G. Lalitha Kumari, Y. Surekha, A. Vanamala Kumar** has attended 1 week FDP on "Web Page Designing using PHP my SQL" organised by NITTTTR, Kolkata from 15-19 May'17.