



## About the Department

The Department of Computer Science and Engineering was established in the year 1985 with its cohesive team of faculty members, offers a sound program at the UG as well as the PG levels. The curriculum is a blend of the conventional and the radical. It is updated regularly to keep up with the growing demands and the changing trends of the software industry and research laboratories. Also Department has a thriving research environment with active research groups in the areas of Bioinformatics, Data and Web Mining, Information and System Security, Computer Networks, Digital Image Processing and Video Analytics.

## Governing Body Members



**Sri. N. Venkateswarlu**  
President, SAGTE



**Sri. P. Lakshmana Rao**  
Secretary, SAGTE



**Sri. M. Rajaiah**  
Vice-President & Convener,  
SAGTE



**Dr. A. V. Ratna Prasad**  
Principal, VRSEC



**Dr. D. Rajeswara Rao**  
Prof. & HOD: CSE Department

## Events Organized in the Department



Seminar on **International Plastic Bag Free Day** by Dr M V S Raju Professor, Civil Engineering VRSEC on 3rd July 2019



Guest Talk on Alumni Interaction on “**Awareness Program on Salesforce Recruitment Process**” 20th July 2019



Guest Talk on “**Data Sciences**” on 27<sup>th</sup> July 2019



Workshop on **Cloud Computing through AWS** in Collaboration with APSSDC on 29<sup>th</sup> to 01<sup>st</sup> July, 2019



FDP on **"PALOALTO - CYBERSECURITY INFRASTRUCTURE CONFIGURATION"** on 12<sup>th</sup> – 17<sup>th</sup> August 2019



National Level Hackathon by CISCO on  
“CISCOIDEATHON” on 23<sup>rd</sup> September 2019



One Day Workshop on “Blockchain Technologies”  
on 9<sup>th</sup> December, 2019



Two Day National Seminar on “Space **Technologies** and Applications” 06<sup>th</sup> -07<sup>th</sup> November, 2019

S.No	Title & Resource Persons
1.	Seminar on International Plastic Bag Free Day by Dr M V S Raju Professor, Civil Engineering VRSEC on 3 <sup>rd</sup> July 2019
2.	Guest Talk on Alumni Interaction on “Awareness Program on Salesforce Recruitment Process” by M/S B Ramya, Associate System Engineer Salesforce (Alumni 2018 Batch) on 20 <sup>th</sup> July 2019
3.	Guest Talk on “Data Sciences” by Prof. RBV Subramanyam Head of the Department, CSE NIT Warangal on 27 <sup>th</sup> July 2019
4.	Workshop on Cloud Computing through AWS in Collaboration with APSSDC by Mr. V Roopesh Kumar, Associate Cloud Engineer, APSSDC Mr. Ch Rama Krishna, Associate Cloud Engineer, APSSDC Mr. Lova Babu J, Trainer and Developer, AWS Educate on 29 <sup>th</sup> to 01 <sup>st</sup> July, 2019
5.	Guest Talk on Aptitude Skills for Placements under CSI Student Chapter by Gudapati Ravindra Babu, Aptitude Trainer, SRM University on 29 <sup>th</sup> July, 2019
6.	One Week FDP on “PALOALTO - CYBERSECURITY INFRASTRUCTURE CONFIGURATION” by Mr. Ravichandran A Senior Technical Trainer Training & Research – IT, ICT Academy on 12 <sup>th</sup> – 17 <sup>th</sup> August 2019
7.	Guest Talk on “Data Sciences & Its Applications” by Mahesh Pappu Co-Founder & CEO UniAway, Mevir Solutions Private Limited on 20 <sup>th</sup> August 2019
8.	Guest Talk on “Campus to Corporate World” by Surya Raichuri, Honeywell on 21 <sup>st</sup> August 2019
9.	Guest Talk on “ Current Trends and Opportunities for Higher Education” by Mr. Seshu Babu K, Process Manager, CENTER FOR INTERNATIONAL ADMISSIONS & VISAS (CIAV) on 6 <sup>th</sup> September, 2019
10.	Faculty Interaction Program on “Emerging Digital Technologies for Industry 4.0” by Mr. M S Subramanyam Delivery Head (SDN), TCS Hyderabad on 13 <sup>th</sup> September 2019
11.	Alumni Interaction Session on “Awareness on DBS Bank Singapore Selection Procedure and Era of Digital Technologies in Banking sector” by Sreelaya Devaguptam, iOS Developer, DBS Bank Singapore on 14 <sup>th</sup> September 2019

12.	One Day Seminar on “Internship Opportunities in Data Analytics and Data Sciences” by Mr Kumar Kanakamedala, Co founder & CEO Mr Munwar Shariff Chief Technology Officer Mr. Praveen Kumar Myneni Director, Offshore Delivery Anblicks Private Ltd on 19 <sup>th</sup> September, 2019
13.	National Level Hackathon by CISCO on “CISCOIDEATHON” on 23 <sup>rd</sup> September 2019
14.	Hackathon AWS Cloud Literacy Day on 19 <sup>th</sup> October, 2019
15.	One Day Workshop on “OBE Parameters, Assessment & Evaluation” under AICTE MARGDARSHAN organized by IQAC Cell & Department of CSE by Dr. Syeda Sameen Fathima Former Osmania University Principal Dr. A V Ratna Prasad Principal, VRSEC on 8 <sup>th</sup> November, 2019
16.	Guest Talk on Opportunities After PG Education by Mr C Ramana CEO, Codetantras Solutions by 2 <sup>nd</sup> December, 2019
17.	Awareness on Collaborative Masters programs in USA by Mr. J V Murty CEO, UMassAmherstGlobal UDayton Global on 2nd December, 2019
18.	One Day Workshop on Blockchain Technologies by Shri Raghu Ramaan Thiyagarajan AGM – Tech Evangelist EMURGO Academy on 9 <sup>th</sup> December, 2019
19.	Two Day FDP on “Blockchain Essentials” by Shri Raghu Ramaan Thiyagarajan AGM – Tech Evangelist EMURGO Academy on 10 <sup>th</sup> -11 <sup>th</sup> December, 2019
20.	Guest talk on Academia role in Industry 4.0 by Dr K Rama Raju Chief Scientist, CISR, Chennai on 13 <sup>th</sup> December 2019
21.	Two Week Certification Training Program on “Foundations of Blockchain ” in collaboration with EMURGO Global by Mr. Sudeep Sagar, Senior Technology Evangelist, EMURGO IndiaMr. Trilochana, AGM Technology Evangelist, EMURGO India on 16 <sup>th</sup> – 28 <sup>th</sup> December, 2019
22.	One Day Seminar on “PEGA Infinity Studio” in Collaboration with Talentsprint, by Hyderabad Certified PEGA Instructors <b>Sri Sarada Satapathy</b> Sr. Manager, PEGA Systems, Hyderabad <b>Sri C Giridharan</b> , Director, Talentsprint, Hyderabad by 20 <sup>th</sup> December , 2019

## Publications in International Journals

1. Lakshmi Prasanna, P., Rajeswara Rao, D. A Text Mining Research Based on Topic Modeling Using Latent Dirichlet Allocation International Journal of Recent Technology and Engineering Scopus
2. Lakshmi Prasanna, P., Rajeswara Rao, D. Probabilistic Recurrent Neural Network for Topic Modeling International Journal of Innovative Technology and Exploring Engineering Scopus
3. Changala, R., Rajeswara Rao, D. Development of Predictive Model for Medical Domains To Predict Chronic Diseases (Diabetes) Using Machine Learning Algorithms And Classification Technique Arpn Journal of Engineering and Applied Sciences Scopus
4. Zohra, M., Rajeswara Rao, D. A Comprehensive Data Analysis on Handwritten Digit Recognition Using Machine Learning Approach International Journal of Innovative Technology and Exploring Engineering Scopus
5. Prasanna, P.L., Rajeswara Rao, D. Design and Development of Topic Modeling For Probabilistic Recurrent Neural Network International Journal of Engineering and Advanced Technology Scopus
6. Bhargavi, V., Rajeswara Rao, D. Vehicle Detection from Images Using Deep Fully Convolutional Networks International Journal of Recent Technology and Engineering Scopus
7. Subba Rao Polamuri, K. Srinivas, A. Krishna Mohan Stock Market Prices Prediction using Random Forest and Extra Tree Regression International Journal of Recent Technology and Engineering (IJRTE) Volume-8 Issue-3, September 2019 2277-3878 Scopus
8. Sai NitishaVemuri, Srinivas Kudipudi Crowd Detection and Counting from Images using MResnet International Journal of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-5, June 2019 ISSN: 2249-8958
9. Subba Rao Polamuri, K. Srinivas, A. Krishna Mohan Multi Model based hybrid prediction algorithm for stock market prices prediction framework Arabian Journal for Science and Engineering, Springer Scopus
10. K. Saikrishna, S.Vasavi Gender detection in a surveillance video using deep learning technique IJAST Scopus



11. P. Vineela, S.Vasavi Age detection in a surveillance video using deep learning technique IJAST Scopus
12. S. Vasavi, P.S.S.Swaroop, R. Srinivas Medical Assistive System for Automatic Identification of Prescribed Medicines by Visually Challenged Using Invariant Feature Extraction, Journal of Ambient Intelligence and Humanized Computing Sep-19 ISSN 1868-5137 SCI
13. Vasavi, S., Neeraz, L., Likitha, M., Lin, E. B Computational Intelligence Approach for Classifying Type 2 Diabetic Retinopathy using Deep Neural Network Jour of Adv Research in Dynamical & Control Systems Vol. 11, 05 Issue August 2019 ISSN: 1943-023X Scopus
14. S Vasavi, GVN Priyanka AA Gokhale Framework for Visualization of GeoSpatial Query Processing by Integrating Redis with Spark ACM IJNCR: Volume 8, Issue 3, Article 1. July 2019 ISSN: 1947-928X, Scopus
15. Sri Hari Nallamala, Dr. Pragnyaban Mishra, Dr.Suvarna Vani Koneru, Pedagogy and Reduction of K-NN Algorithm for Filtering Samples in the Breast Cancer Treatment International Journal of Scientific and Technology Research Vol 8, Issue 11, November 2019 ISSN 2277-8616
16. Dandugala Lakshmi Srinivasulu, K. Suvarna Vani Optimal Fuzzy C-means Clustering Technique for Big Data Analytics with Map Reduce based on Hybrid Optimization Algorithm Journal of Advanced Research in Dynamical & Control Systems Vol. 11, 1298-1310, September 2019. ISSN: 1943-023X Scopus
17. Aravapalli Sri Chaitanya, K. Suvarna Vani Road Network Extraction using Atrous Spatial pyramid Pooling International Journal of Innovative Technology and Exploring Engineering Vol 8, Issue 9, July 2019, P.No.31-33. ISSN 2278-3075 Scopus
18. Swathi Thotakura, Suvarna Vani Koneru, Praveen Kumar Kollu Clustering of Trees from Panchromatic Images International Journal of Engineering and Advanced Technology Volume-10, Issue-10, Aug 2019 ISSN: 2249 – 8958 Scopus
19. Sk. Meerza, Ch. RupaBlockchain based Certificate Issuing System using Smart Contracts International Journal of Innovative Technology and Exploring Engineering Vol.9, No.7, pp.1284- 1287, 2020 2278-3075 Scopus

20. Dr. Ch. Rupa Network based adaptation of block chain technology International Journal of Innovative Technology and Exploring Engineering Scopus
21. Dr. Ch. Rupa Safe light weight cipher using ethernet and pentatop number International Journal of Recent Technology and Engineering Scopus
22. Dr. Ch. Rupa High-End Secure Image Transfer using Vector Quantization International Journal of Engineering Research and Technology Scopus
23. krishna kishore. G, dasari S. B, Ravi kishan s. Inferring of political learning from tweets, retweets of Indian politics International journal of innovative technology and exploring engineering Volume 8 issue-12 october-2019 ISSN: 2278 -3075 SCOPUS
24. Sailaja K L, Srinivasa Rao P, Dr Ramesh Kumar P A New Circle based Symmetric key Encryption Technique for Text Data International Journal of Advanced Trends in Computer Science and Engineering Volume 8, No.5, September - October 2019 ISSN 2278-3091 Scopus
25. Sailaja K L, Srinivasa Rao P, Dr Ramesh Kumar P A New Symmetric Key Encryption Algorithm for Image Data based on Geometrical Properties Adalya Journal Volume 8, Issue 12, December 2019 ISSN NO: 1301-2746 Web of Science
26. SaiPoojitha, A.Jitendra, S.Babu Fake User Detection in Twitter using Random forest algorithm with Python International Journal of Innovative Technology and Exploring Engineering (IJITEE)Volume-X, Issue-X, July 2019 ISSN: 2278-3075, Scopus
27. Anuradha, C., Ramesh, M., Murty, P.S.R.C Outlier Detection In High Dimensional Data Based On Elastic Net Regression International Journal of Innovative Technology And Exploring Engineering Volume-8 Issue-12, October 2019 2278-3075 Scopus
28. Anuradha, C., Ramesh, M. Detection Of Outliers In High Dimensional Data With Lasso Regression International Journal of Engineering And Advanced Technology Volume-9 Issue-1, October 2019, PP 7342-7346 2249 –8958 Scopus
29. Anusha, P.V., Anuradha, C., Chandra Murty, P.S.R., Kiran, C.S. Detecting Outliers In High Dimensional Data Sets Using Z-Score Methodology International Journal of Innovative Technology and Exploring Engineering Volume-9 Issue-1, November 2019 PP 48-53 2278-3075 Scopus

30. Gottumukkala HimaBindu, Chinta Anuradha, Patnala S.R. Chandra Murty Feature Extraction Techniques in Associate with Opposition Based Whale Optimization Algorithm International information and Engineering Technology Association Vol. 24, August 2019, pp. 403-410 1633-1311 Scopus
31. M.Srujana, Ch.Anuradha, Patnala S.R. Chandra Murty An efficient and Automatic Algorithm for Image Forgery Detection INTERNATIONAL JOURNAL OF INNOVATIVERESEARCH INTECHNOLOGY Volume 6 Issue 5, October 2019, pp-192-196 2349-6002 UGC
32. S. Jayaprada, J. Ranga Rao M. Srilatha Multi Scale Hashing Access in Multi-Dimensional Datasets using Bootstrapping International Journal of Recent Technology and Engineering Volume 8 issue 2S11 September 2019 ISS-277-3878 Scopus
33. J.V.D. Prasad, S. Babu, A. R. V. Pratap Multi-Feature Processing Techniques with Information Mining from Remote Sensing Images Journal of Advanced Research in Dynamical & Control Systems Vol. 11, No. 12, 2019 ISSN 1943-023X 97 Scopus
34. SaiPoojitha, A. Jitendra, S.Babu Fake User Detection in Twitter using Random forest algorithm with Python International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-X, Issue-X, July 2019 ISSN: 2278-3075, Scopus
35. Prabu U. Experimental Analysis of Ant System on Travelling Salesman Problem Dataset TSPLIB EAI Endorsed Transactions on Pervasive Health and Technology Vol-5 Issue-9 Scopus

## Publications in International Conferences

1. Vasavi, S., Neeraz, L., Likitha, M., Lin,E.B Performance Evaluation for Classifying Type 2 Diabetic Retinopathy using Deep Neural Network ICEIEE Conference at Malaysia, Jul-19 Scopus
2. Dr. K. Suvarna Vani, K. Praveen Kumar, Jitendra A, International Conference on Image and Graphics Processing International Conference on Image and Graphics Processing Scopus
3. Dr. K. Suvarna Vani International Conference on Image and Graphics Processing International Conference on Image and Graphics Processing Scopus
4. Koneru Suvarna Vani Wireless IoT-Based Intrusion Detection Using LIDAR in the Context of Intelligent Border Surveillance System Smart Intelligent Computing and Applications. Smart Innovation, Systems and Technologies Scopus

## MoU Signed



# CSE Department News Letter | 2018



Mr. Naveen Vakada, Regd No: 168W1A0556 Awarded Late Sri Y Sreeramulu Merit Scholarship for year 2019-20

ENGINEER'S DAY 2019



Inaugural Function Innovation Day (Engineers Day Celebration) on 15th September, 2019.



## INFINITO - 2019



DEPARTMENT OF  
COMPUTER SCIENCE & ENGINEERING  
Velagapudi Ramakrishna  
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