



VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING  
COLLEGE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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**CSE** Computer  
Science &  
Engineering

## **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.

## **Members of Governing Body**



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



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



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



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



**Dr. V. Srinivasa Rao**  
HOD CSE Department

## Events Organized in the Department



Seminar on “**Digital Technologies**” in collaboration with TCS by Mr Seshagiri T Senior Architect, Product Development,TCS, Hyderabad



Fresher's Day Orientation Programme



Seminar on “**Higher Education Opportunities in USA**” by Prof Kevin Z. Truman Dean & Professor, SCE, Vice Provost Christina S Davis Director, Continuing Education and International Partnerships, School of Computing and Engineering University of Missouri-Kansas City, USA.



FDP on “**Agile Methodologies**” in collaboration with TCS by Mr Prabhakar K Strategic Business Manager, Technological Business Unit TCS, Hyderabad.



Seminar on “**Data Sciences**” by Dr Sundeep Myneni Global Lead, Product Design @ PwC Analytics Pricewater coopers, USA

## Details of the Events organized

S.No	Title & Resource Persons
1	Guest Talk on “ <b>Career Prospects</b> ” by Mr Chandra Sekhar Reddy Sr Application Tech Lead, Amerihealth Caritas, PA, USA on 15 <sup>th</sup> June 2017
2	Seminar on “ <b>Innovation, Startup, Entrepreneurship and Emerging Technologies</b> ” by Mr Hari Haran, Chief Happiness Officer & Mr D Shiva Shanker, VP, Students Relations, iB Hubs on 28 <sup>th</sup> June 2017
3	Guest Talk on “ <b>Machine Learning</b> ” by Mr Siva Ghatti Director, Web and Mobile Application Development Washington Post, USA Adjunct Faculty, George Mason University, USA on 5 <sup>th</sup> July 2017
4	Guest Talk on “ <b>Cisco Networking Academy</b> ” by Mr Shubhajit Jagadev Head, Cisco Academy Support Center & ITC Adcisory Board Member –Cisco Networking Academy Instructor Trainer – India on 25 <sup>th</sup> July 2017
5	Seminar on “ <b>Swift Programming</b> ” by Mr Hemanth Aluri University iOSinstructor, Ambassador for AATC on 7 <sup>th</sup> August 2017
6	FDP on “ <b>Cloud Computing Infrastructure and Services</b> ” in collaboration with ICT Academy by Mr Shanmughavel Somu, Senior Manager (IT), ICT Academy on 18 <sup>th</sup> – 19 <sup>th</sup> August 2017
7	FDP on “ <b>Agile Methodologies</b> ” in collaboration with TCS by Mr Prabhakar K Strategic Business Manager, Technological Business Unit TCS, Hyderabad 22 <sup>nd</sup> August 2017
8	Seminar on “ <b>Digital Technologies</b> ” in collaboration with TCS by Mr Seshagiri T Senior Architect, Product Development, TCS, Hyderabad on 23 <sup>rd</sup> August 2017
9	Workshop on “ <b>Effective Coding Skills</b> ” by Mr K Seshu Babu, Infosys Ltd on 8 – 9 <sup>th</sup> September 2017
10	Workshop on “ <b>DBMS and R Programming</b> ” by Dr N B Venkateswarlu Professor, Dept of CSE, GVPCEW on 12 <sup>th</sup> September 2017
11	Faculty Training Program on “ <b>Manjrasoft Aneka Platform</b> ” by Mr Shivananda Poojara, Asst Prof RIT, Sakhrale, Maharastra on 16 <sup>th</sup> September 2017
12	One Day Seminar on “ <b>Bhuvan : Indian Geo-Platform of ISRO</b> ” by Dr Arun Raj, Scientist-E ISRO, NRSC, Hyderabad on 26 <sup>th</sup> October 2017
13	One Day Seminar on “ <b>Higher Education Opportunities in USA</b> ” by Prof Kevin Z. Truman Dean & Professor, SCE, Vice Provost Christina S Davis Director, Continuing Education and International Partnerships, School of Computing and Engineering University of Missouri-Kansas City on 17 <sup>th</sup> November 2017
14	One Day Seminar on “ <b>Data Sciences</b> ” by Dr Sundeep Myneni Global Lead, Product Design @ PwC Analytics Pricewater coopers, USA on 25 <sup>th</sup> November 17

## Publications in International Journals

1. **Dr. Vaddi Srinivasa Rao**, Md. Imran, Amarasimha T “A Novel Technique on Class Imbalance Big Data Using Analogous over Sampling Approach” in Int. Journal of computational intelligence Research.
2. **Kudipudi Srinivas** R.Kiran Kumar, L.L.Surya Prasanthi “An Empirical Comparative study of classification algorithms for class imbalance data” in International Journal of Computer Science and Information Security (IJCSIS) – Vol. 15 No. 7 July 2017 ISSN 1947-5500 Scopus Scopus indexed.
3. M. Mary Sujatha, **K. Srinivas**, R. Kiran Kumar “Pruning Protein Protein Interaction Network in Breast Cancer Data Analysis” in International Journal of Computer Science and Information Security (IJCSIS) - Vol. 15 No. 7 July 2017 ISSN 1947-5500 Scopus indexed.
4. M Mary Sujatha, **K Srinivas**, R Kiran Kumar “Identification of Common Proteins Among Thyroid and Breast Cancer Using Set Operations” in International Journal of Computer Science & Information Technology Research Excellence. Vol. 7 Issue 4, August 2017 ISSN NO. 2250-2734.
5. **K Srinivas**, R Kiran Kumar, M Mary Sujath “A Study on Public Repositories of Human Protein-Protein Interaction Data” in International Journal of Innovations and Advancement in Computer Science (IJIACS) Volume 6, Issue 6 June 2017 ISSN 2347 – 8616 Thomson Reuters
6. O.Sravani **S. Vasavi**, “Feature Engineering Strategies for Predictive analytics Using Ensemble Model International Journal of Innovations & Advancement in Computer Science “ Pp: Pp:159 to 167 Volume 6, Issue10 Oct 2017 ISSN 2347 – 8616 Google Scholar Indexed UGC approved journal H-Index 3.
7. Gowsia Sultana , S.Vasavi “ Moving Object Classification in a Video Sequence under Illumination Changes Using Moravec Corner Detection” in International Journal of Innovations & Advancement in Computer Science Pp: 168 to 174 Volume 6, Issue 10 Oct 2017 ISSN 2347 – 8616 Google Scholar Indexed UGC approved journal with H-Index 3.
8. S.Kishore Babu **Dr. S. Vasavi**, “Predictive Analytics as a Service on Tax Evasion using Gaussian Regression Process” in Helix : The Scientific Explorer Pp:1988-1993 Vol. 7(5): September 2017 2319 – 5592 Thomson Reuters and Web of Science indexed with H-Index3.
9. P. Sunitha, **Dr. Rupa. Ch**, Dr. L. Sumalatha “ Effective Management of IDAAS Issues in Federated Cloud Environment Using SAML and QR-Code” in Int. Journal of Pure and Applied Mathematics Vol. 115(8), pp.553-557, 2017 1314-3395 Scopus & H-Index 17.

10. P. Sunitha **Dr. Rupa. Ch.**, Dr. L. Sumalatha “Roles And Activities Based Implementation Of Idaas Services In Smaller Enterprises And Business Organizations” in Int. Journal of Pure and Applied Mathematics Vol. 116(5), pp. 39-44, 2017 1311-8080 Scopus H-Index 17
11. **Dr. Rupa. Ch.**, Siva Ramya, M “An Integrated Secure EPRP System using Choatic Functions” in Int. Journal of Science and Advanced Research in Technology Vol. 3 (8), pp. 668-673, 2017 2395-1052 UGC.
12. **Nageswara Rao Moparthi**, D.Naga Malleswari, Debnath Bhattacharyya “Hash Based Indexing In Running High Dimensional Software Systems Journal of Advanced Research in Dynamical and Control Systems” 4,34-43 & 2017 1943-023X ELSEVIER –Scopus
13. **Mukesh Chinta**, Eswar Kodali, Phani Kumar Venna “ Strategies against Ransomware Attacks” Int. Journal of Innovation & Advancement in computer Science Vol. 6(12), 2347-8616.
14. **Nalluri Sunny**, M. Srikanth, Kodali Eswar, “ Cancer Cells Detection using OTSU Threshold Algorithm” inInt. Journal of Engineering Technology Science and Research Vol. 4(12) 2394-3386
15. **S.Jayaprada**, P.BalaKrishna Prasad R.Satya Prasad “ Enriched Semantic Similar Frequent Patterns using SSFPOA Neighborhood Ranking Algorithm” in International Journal for Modern Trends in Science and Technology Vol. 03, Issue No: 09, pages137-142, September 2017. 2348-2281 Google scholar
16. **S.Jayaprada**, P.BalaKrishna Prasad R.Satya Prasad “ Ensemble Frequent Pattern Mining Discovery” in international journal of research in electronics and computer engineering vol. 5 issue 4 pages260-264, November 2017. 2455-3778 Google scholar
17. **S. Jayaprada**, K.Susmitha “Smart Cities using big data Analytics” International Research Journal of Engineering and Technology Vol: 04 Issue: 08 Aug -2017Pages 1615-16202395-0056 Google scholar ISO 9001:2008 Certified Journal.
18. **Dr. Nageswara Rao Moparthi**, D.Naga Malleswari, Debnath Bhattacharyya “Hash Based Indexing In Running High Dimensional Software Systems” in Journal of Advanced Research in Dynamical and Control Systems Vol 9 Sp-16/2017 1423-023X Elsevier Scopus H-Index 4.
19. **V V N V Phani Kumar**, G. Mounika, “**Data Aggregators for Supporting Cloud Data Migration**” in International Journal of Scientific Research in Computer Science, Engineering and Information Technology Volume 2, Issue 5, pp760-762, October-2017 ISSN : 2456-3307
20. **Dr. Nageswara Rao Moparthi**, Dr. P. Vidya Sagar, Ch. Nanda Krishna ”An Approach Ahead Product Counterfeiting Identification for BIRTHMARKS in Light of DYKIS” in International Journal on Future Revolution in Computer Science & Communication Engineering Volume: 3 Issue: 11,PP: 221 – 226 2454-4248 Google Scholar,Thomson Retures H-Index 4

21. **Ch.Anuradha**, Dr. P. S. R. Chandra Murthy Y.Chitti Babu “Optimized Fuzzy Trust Based Energy Aware Multipath Secure Data Collection” In Wsn Journal of Advanced Research In Dynamical And Control Systems Vol-9, 771-782,2017 Special Issue-17 On Engineering & Informatics 1943-023x Scopus
22. **P Raveendra Babu**, K shobharani “Privacy Oriented Data Fetching for Disruption Tolerant Military Networks” in IJSRCSEIT Vol.2 ,502-507 2017 ISSN : 2456-3307

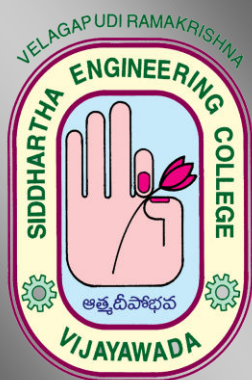
### Publications in International Conferences

1. Srinivas M **Dr. V. Srinivasa Rao**, Dr. R. Kiran Kumar “An Efficient data Retrieval Approach using BlowFish encryption on cloud” presented in the Int. Con on Intelligent Computing and Control System (ICICCS 2017) Vaigai College Eng. Madurai, India 978-1-5386-2745-7IEEE.
2. L. Surya Prasanthi, R. Kiran Kumar **Kudipudi Srinivas** “ A case study on class imbalance diabetes data using the proposed classification algorithms” presented in the International conference on recent advances in computer sciences and information technology (ICRACSIT) Aug 2017 ISSN: 2393-2835 Springer Scopus.
3. L. Surya Prasanthi, R. Kiran Kumar **Kudipudi Srinivas** “A novel imbalance learning approach using in excess and less than sampling” presented in Fifth International Conference on Recent Trends in Communication and Computer Networks - ComNet 2017 IEEE ISSN: 1947-5500
4. S.Vasavi “ Moving Object Classification Under Illumination Changes using Binary Descriptors” presented in IEEE ICOIP 2017 Singapore –Scopus
5. Gowsia Sultana, S.Vasavi, “ Moving Object Classification in a Video Sequence under Illumination Changes Using Moravec Corner Detection Algorithm” presented in the 2nd International Conference on Science, Technology & Management (ICSTM-2017) Pp:159 to 167 IETE Osmania Univ Campus.
6. O.Sravani ,S.Vasavi,”Feature Engineering Strategies for Predictive analytics Using Ensemble Model” presented in the 2nd International Conference on Science, Technology & Management (ICSTM-2017) Pp:168 to 174 IETE Osmania Univ Campus ,a UGC approved Journal.
7. S.Vasavi, S.Kishore Babu, “Predictive Analytics as a Service on Tax Evasion using Gaussian Regression Process” presented in ICCSAI July 2017 CSI Thomson Reuters and Web of Science indexed.
8. **V V N V Phani Kumar**, Mukesh Chinta, Eswar Kodali “Strategies against Ransomware Attacks” presented in Two Day International Conference on Advancements and Innovations

in Engineering, Technology & Management 28 & 29 December 2017. Joginpally B.R. Engineering College, Hyderabad. ISBN: 978-93-87433-06-9

9. **S.Ravi Kishan**, Dr. N.Sailaja “Segmentation of online Buyers and its implication in determining market strategies” presented in International Conference on Latest Concepts in Science, Technology, Management and Humanities GIIT, Gwalior 18, Dec 2017
10. **Ch.Anuradha**, P.Indra Priyadarsini Dr.P.S.R.Murthy “Fuzzy Based Feature Selection For Intrusion Detection System” presented in the International Conference On Applied Science, Engineering, Technology And Management DRK Institute of Science & Technology **2394-2320**
11. **Ch.Anuradha**, Vicharapu Balaji Dr. P. S. R. Chandra Murty “ Performance Preview On Image Super Resolution Using Wavelets Transform Based On Samples” presented in the International Conference On Computational Intelligence And Data Engineering Lakkireddy Balireddy College Of Engineering Springer Conference.
12. **S.Rajeswari**, Bhanu Prasad “Author Verification using Rich set of Linguistic Features” presented in the 6<sup>th</sup> International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA) KIIT University, Bhubaneswar-751024

### ENGINEER’S DAY 2017



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