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

Guest talk on **Industry 4.0** 17th July 2018

Workshop on "**Cyber Security Learn a Thon**" 16th July 2018

One Week FDP on "**Data Sciences**" 12th – 16th November 2018

FDP on "**Sales Force Essentials for Business Specialists**" 6th - 10th August 2018

One Day workshop on "**Digitization Vs Digital Based Analysis**" 31st October 2018

Guest talk on "**Career Choices and Opportunities**" 13th December 2018

S.No	Type of Event	Title + Resource Persons
1.	Guest Talk	Guest Talk on "**Industry 4.0 Tools**" by Srinivasa Bellam Software Quality Assurance Manager IFT- ADS – Brokerage Technology on 17th July 2018
2.	FDP	FIP on "**Emerging Technologies**" by Mr. Ananth BS Asia Manager, CISCO Systems 17th July 2018
3.	Workshop	One Day Workshop on "**Cyber Security Learn a Thon**" Mr. Shubhajit Jagdev Head, Cisco Academy Support Center & ITC Adcisory Board Member –Cisco Networking Academy Instructor Trainer – India on 16th July 2018
4.	FDP	FDP on "**Sales Force Essentials for Business Specialists** " Mr. Kumara Murali Technical Instructor, Salesforce Pvt Ltd, Bangalore 6th - 10th August 2018 ICT Academy & SAGTE

S.No	Type of Event	Title + Resource Persons
5.	Workshop	Two Day Workshop on "**Practical Cyber Security**" Sri Deepak Kumar Nath CEO, Global Tech Promoters Director, Cybercare Infoways Pvt Ltd Chairman, Global Groups of Companies 25th -26th September 2018
6.	Guest Talk	Guest Talk on "**Pursuing Higher Education in USA**" Mr Brandon Lehman *Assistant Director International and Sponsored Student Programs Office of Global Affairs* 1st October 2018
7.	Workshop	Two Day Workshop on "**Mobile Application Development**" Mr. Intisar Mehedi Technical Speaker/Head Brain O Vision 3rd - 4th October 2018
8.	Seminar	One Day workshop on "**Digitization Vs Digital Based Analysis**" in collaboration with TCS under AICTE Margadarshan. Mr. M.S. Subrahmanyam, Senior Consultant & Global Delivery Head, TCS 31st October 2018 under AICTE Margadarshan
9.	FDP	One Week FDP on "**Data Sciences**" in collaboration with TCS under AICTE Margadarshan.in collaboration with TCS Hyderabad 12th – 16th November 2018
10.	Guest Talk	Guest Talk on "**Role of Engineers in the Society**" Mr Sudheer Sandra, Career Counselor, Motivational Speaker & Psychologist 23rd November 2018
11.	Workshop	Three day workshop on "**Cloud, Cognitive and IoT Technologies**" in collaboration with Miracle Software Systems Ltd 28th -30th November 2018
12.	Workshop	Two week Certification Training Program on "**Salesforce Technologies**" Mr. Kumara Murali Technical Instructor, Salesforce Pvt Ltd, Bangalore 10th – 19th December 2018
13.	Guest Talk	Guest talk on "**Career Choices and Opportunities**" M/s Indira Korrapati, Divisional Executive Senior Vice President, Tech Wells Fargo, USA 13th December 2018

Publications in International Journals

1. S. Vasavi P. Neeharica, M. Poojitha, T. Harika Framework for Stress Detection using Thermal Signature International Journal of Virtual and Augmented Reality (IJVAR) Volume 2, Issue 2, Article 1 December 2018 ISSN 2473-537X ACM, Scopus.

2. Saggurthi Kishore Babu, S. Vasavi Visualization of Feature Engineering Strategies for Predictive Analytics IJNCR 7(4), October - December 2018, Published by IGI Global Publishing, Hershey, USA, pp:20-44 ISSN: 1947-928X DBLP, Scopus.

3. Nallamala S.H., Pathuri, S.K., Koneru, S.V An appraisal on recurrent pattern analysis algorithm from the net monitor records International Journal of Engineering and Technology(UAE) Vol 7, No 2.7 Page No. 542-545., 2018 Scopus.

4. Nallamala S.H., Pathuri S.K., Koneru, S.V A literature survey on data mining approach to effectively handle cancer treatment International Journal of Engineering and Technology(UAE) Vol 7, No 2.7 Page No. 542-545., 2018 Scopus.

5. R. Sailaja Ch. Rupa Robust and indiscernible multimedia watermarking using light weight mutational methodology Traitement du Signal Vol. 34, pp. 45-55, ISSN 0765-0019 Scopus.

6. Dr Ramesh Kumar K.L.Sailaja, Human Identification Based on Ear Image Contour and Its Properties Lecture Notes in Computational Vision and Biomechanics Vol No: 30 August 2018 ISSN: 2212-9391 E-ISSN: 2212-9413 Scopus, Google Scholar and Springer Link.

7. U Mohan Srinivas Ch Anuradha Dr. P. Sri Rama Chandra Murty Hash based Approach for Mining Frequent Item Sets from Transactional Databases International Journal Of Engineering And Technology Vol-7(3.34),pp.309-312,September-2018 Scopus

8. G.HimaBindu CH.Anuradha Dr. P. Sri Rama Chandra Murty A Survey on Multimedia content Protection Mechanisms International Journal of Electrical and Computer engineering Vol 8,No 6, December 2018 ISSN:2088-8708 Scopus

9. M.Srilatha S.Jayaprada Next Location Prediction using Google API IJARIIT Vol: 5 May –June 2019 2454-132X Thomson Routers , Google Scholar

10. Bayana Raja, K Ravindranath, B Jayanag Monitoring and Analyzing Anomaly Activities in a Network using Packet beat International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-8 Issue-6S ISSN 2278-3075 Scopus

Publications in Books / Chapters

1. S.Vasavi Sk Reshma, Y.Sahithi Ch. 7: Moving Object Classification Under Illumination Changes using Binary Descriptors (280717-125045) August, 2018 pp:188-232 Optoelectronics in Machine Vision-Based Theories and Applications - IGI global (Scopus) ISBN: 9781522557517

2. A Raghuvira Pratap JVD Prasad, K. Praveen Kumar S. Babu An investigation on optimizing traffic flow based on Twitter Data Analysis Proceedings IEEE 10.1109/ICICCT.2018.8473304 978-1-5386-1974-2 Scopus

3. M Srilatha Anvesh.k Improving Student Academic Performance Using an Attribute Selection Algorithm Advances in intelligent systems and computing AICC 2018 Springer Nature Singapore, (Scopus) 978-3-319-45990-5

4. Mastan Mohammed Meera Durga A Novel Hybrid Approach for time series data forecasting using moving average filter and ARIMA-SVM" pp 369-381 02 September, 2018 Springer, Singapore Online ISBN 978-981-13- 1498-8 Print

Publications in International Conferences

1. S Vasavi, P Neeharica, Bimlesh Wadhwa Regression Modelling for Stress Detection in Humans by assessing most prominent Thermal Signature, IEEE IEMCON 2018 University of British Columbia Canada pp:755-762, IEEE Xplore, DOI: 10.1109/IEMCON.2018.8614747 Scopus

2. Sravani Sagireddy, K Suvarna Vani Wireless IoT Based Intrusion Detection using LIDAR in the Context of Intelligent Border Surveillance System School of Computing Applications and School of Computer Engineering Kalinga Institue of Industrial Technology, Deemed to be University, Bhuvaneswar, 21-22, Odisha, India, December, 2018 Scopus.

3. K, Suvarna Vani Arul Raj. M Padmaja, M. K. Praveen Kumar, A. Ravi Raja, A. Jitendra A Detection and Enumeration of Trees using Cartosat2 High Resolution Satellite Imagery Proceedings of the 2018 IEEE International Conference on Aerospace Electronics and Remote Sensing Technology ICARES, 20-21 Sept. 2018 Scopus

4. Sk. Sumiya, Dr. Ch. Rupa Multimedia Forensic Detection Using Enriched Statistical Analysis IEEE INDICON 2018 Amrita University with IITM, Coimbatore, Dec 16th -18th 2018 Scopus

5. S.Ravi Kishan Dr N.Sailaja Customer Profiling and Segmentation using transaction utilities ICEESM'18 RGM College of Engineering & Technology, Nandyala, 21st, Dec, 2018 978-81-938463-4-6 Scopus

6. G Balakrishna ,Dr. Nageswara Rao Moparth Study Report On Using Iot Agriculture Farm Monitoring International Conference on Innovations in Computer Science & Engineering 17,18th Aug 2018

7. Dr Ramesh Kumar P Dr. V.L.Krishnan Robotic Tele-Manipulation System for Delivering Pre- Hospitalization Treatment to Road Accident Victims at Remote & Unpopulated Locations TELEMEDICON 2018 14th International Conference of TSI-Telemedicine Society of India 1st - 3rd Nov, 2018 Amaravati Vijayawada, Andhra Pradesh Venue: K L University.

8. Shrawan Kumar , S Rajeswari , M Srikanth , A New Approach for Authorship Verification using Information Retrieval Features International Conference on Innovations in Computer Science and Engineering ICICSE-2018 Guru Nanak Institutions, Hyderabad. 17th - 18th August, 2018 Scopus

9. M. Nageswara Rao, Dr.M.Nageswara Rao,P.Vidya sagar, Mukesh Chinta "Smart Meter Analytics for Optimizing the Utilization of Electricity using Machine Learning Algorithms" International Conference on Wireless Sensor Networks, Ubiquitous Computing and Applications 2018 (ICWSNUCA-2018). GRIET , Hyderabad 24th – 25th August 2018 Scopus

10. M.Vani Pujitha, K.L.Sailaja Prediction Of Nitrogen Dioxide & Ozone Concentrations in the Ambient Air using Artificial Neural Networks for Vijayawada Model ICETST-2018 SeventhSense Research Group, Holy Mary Institute Of Technology,2/11/2018 to 3/11/2018. 2348-8387

11. P.Raveendra Babu Dr Ch Rupa Dr D Naga Raju EPA-SafeSec: Robust Privacy and Protection based Light Weight Cryptography First International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems(CITAES-2018) Gudlavalleru Engineering College Scopus

12. Nalluri Sunny, Eswar Kodali, M. Srikanth Video Motion Detection and Stabilization International Conference on Wireless Sensor Networks, Ubiquitious Computing and Applications – 2018 Gokaraju Gangaraju Institute of Engineering and Technology, Hyderabad, India Dates: 24th and 25th August 2018 Springer, Scopus

13. S.Babu A Consultation Forum for promoting Legal Awareness ICAET Amrita Sai institute of science & Technology 2127-513X Scopus

MoU Signed

Ms *TVN Pavani Saisri Prathyusha (*158W1A0557) Awarded Late Sri Y Sreeramulu Merit Scholarship for year 201-19

ENGINEER'S DAY 2018

DEPARTMENT OF
COMPUTER SCIENCE& ENGINEERING
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