



# *School of Computing Science and Engineering*



*Abstract the Science;  
Compute the Engineering*

## ***NEWSLETTER***

***Volume 1, Issue 1, Jul-Dec' 2020***

***Editors:***

***Dr. Abdul Quadir Md***

***Dr. Prassanna J***

# HIGHLIGHTS

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## MISSION OF THE SCHOOL

The mission of the school is to create and maintain an environment for Excellence in Instruction, Learning and Applied Research in the area of Computing Science and Engineering and allied disciplines so as to equip our students with necessary knowledge and skills for higher education/employment and to meet the societal demands. With an aim to carve a niche for itself in Computer Science and allied domains, the School strives to:

- a) **Produce graduates thoroughly acquainted with the principles of modern Computing Science who are able to apply the principles in the design and construction of reliable systems.**
- b) **To equip students with the fundamental understanding and practical skills needed by the potential organizers of a demanding profession.**
- c) **Provide cost-effective Information and Communication Technology (ICT)-based solutions and value-added services to a variety of organizations and to meet the expectations of stakeholders.**
- d) **Foster a learning and creative community that strives to continuously advance the frontiers of knowledge and promote the deployment and usage of ICT-based applications for betterment of society.**

## *Faculty in Administrative Roles*



*Dr. Jagadeesh Kannan*  
**DEAN , SCSE**



*Dr. Geetha S*  
**ASSOCIATE DEAN , SCSE**



*Dr. Nayeemulla Khan*  
**DEAN ACADEMICS , VIT CHENNAI**



*Dr. Nithya Darisini P.S*  
**Asst. DEAN ACADEMICS , VIT CHENNAI**

## *Faculty in Administrative Roles*



*Dr. Pradeep Kumar T S*  
**DIRECTOR , SDC , VIT CHENNAI**



*Dr. Suganya G*  
**Asst. DIRECTOR, SDC, VIT CHENNAI**



*Dr. Syed Ibrahim SP*  
**Asst. DIRECTOR**  
**International Relations**



*Dr. Ganesan R*  
**Asst. DIRECTOR**  
**International Relations**

## *Faculty in Administrative Roles*



***Dr. Justus S***  
***HOD , B.Tech - SCSE***



***Dr. Asnath Vicky Phamila Y***  
***HOD , M.Tech - S/W***



***Dr. Priyadarshini J***  
***HOD , B.Tech and M.Tech -***  
***AI and ML***



***Dr. Neelananarayan V***  
***HOD , B.Tech and M.Tech - CPS***

## *Faculty in Administrative Roles*



***Dr. Sivagami M***  
***HOD , MCA***



***Dr. Janaki Meena M***  
***HOD , M.Tech - CSE and BIG DATA***



***Dr. Renta Chintala Bhargavi***  
***HOD , M.Tech - Business Analytics***



***Dr. Subbulakshmi T***  
***Assistant Director,***  
***Academic Staff College***

# *Research Group*

A research group (also sometimes called a research center) is a group of researchers from the same faculty working together on a particular issue or topic. Research groups may be composed of researchers all from the same school/subject or from different subjects within a faculty.

We have 7 different dynamic research groups @ SCSE Chennai, all of which engage in cutting-edge research.

- ✓ *Cyber Physical Systems*
- ✓ *Artificial Intelligence*
- ✓ *Data Analytics*
- ✓ *Network And Security*
- ✓ *Imaging And Computer Vision*
- ✓ *Theoretical Computer Science*
- ✓ *Software Engineering*

# *Research Group*

- ❖ *Overall Research Group Coordinator :  
Dr. Pattabiraman V*
- ❖ *Dr. Reshmi T R - Cyber Physical Systems*
- ❖ *Dr. Bharadwaja Kumar - Artificial Intelligence*
- ❖ *Dr. Parvathi R - Data Analytics*
- ❖ *Dr. Nithyanandam P- Network and Security*
- ❖ *Dr. Malathi G- Imaging and Computer Vision*
- ❖ *Dr. Jegannathan L- Theoretical Computer Science*
- ❖ *Dr. Viswanathan V - Software Engineering*

# Conferences Conducted

**WEEF - 2019**  
**13<sup>TH</sup> – 16<sup>TH</sup> NOV 2019**

This prestigious event, was held for the first time in India conducted by VIT Chennai @ ITC Grand Chola, features the IX World Engineering Education Forum (WEEF) and the International Engineering Student Summit (IESS). This was the largest engineering education gathering in the world and brought together a large number of stakeholders, including engineering educators, leaders, students, industry, governmental and non – governmental organizations, etc., to learn, share, and build fruitful and long-term collaborations. The conference theme was Disruptive Engineering Education for sustainable development.

All accepted and presented papers of WEEF 2019 will be published in Elsevier Procedia Computer Science - ISSN: 1877-0509. (Indexed in Conference Proceedings Citation Index and Scopus)

**WEEF - 2019**

**Highlights of the Conference were:**

- ✓ *50% of the delegates were from reputed universities abroad .*
- ✓ *High-level interactions with CEOs of various industries was done.*
- ✓ *Golden opportunity was created to interact with eminent scientists, professors and experts across the globe.*
- ✓ *Building professional networks with industry and other reputed academic institutions was done.*
- ✓ *Innovative and Informative workshops on ABET, MATLAB, Peace Engineering, and other current topics were conducted.*
- ✓ *Exhibition of stalls by premium industries were put.*
- ✓ *Fostering interactions with professional bodies and government agencies was done.*



# Conferences Conducted

## ICRTAC 2019 11<sup>TH</sup> – 12<sup>TH</sup> NOV 2019

The two-day International Conference on Recent Trends in Advanced Computing with the Theme of Disrup – TIV Innovation was organized by School of Computing Science and Engineering, VIT Chennai from 11<sup>th</sup> – 12<sup>th</sup> Nov 2019.

The conference was inaugurated by the Chief Guest, Dr.Roger Hadgraft, Director, University of Technology, Australia and the Guest of Honor was Dr.Ariela Sofer, Academic Director, Volgenau School of Engineering, United States of America. All accepted and presented papers of ICRTAC 2019 will be published in Elsevier Procedia, Computer Science

### Highlights of the Conference were:

- ✓ *The objective of this conference was to be the main academic reference on Disruptive innovations research in India.*
- ✓ *Our objective brought together the most influential researchers and experts in the region for 2 days latest challenges brought by disruptive innovations in various fields were discussed.*

## ICRTAC 2019

### Highlights of the Conference were:

- ✓ *Researchers and academicians found a fruitful place to present their latest papers and theories on their topics.*
- ✓ *The international conference emphasized on disruptive innovations.*
- ✓ *This conference gave professional and industry leaders the opportunity to get another vision of their market and the future of their business.*



*Students Placed  
Till 21<sup>st</sup> NOV- 2019 (2020 BATCH)*

**573** students of B.Tech-CSE was given internship/ offer letters in dream and super dream companies like Matrecomm, Shell, Eventus, Xebia, Syscloud, Advanced structure, Bank of America, Amazon, Octazen , Virtusa , Deloitte, Gibraltor, Wolters kluwer, Wipro turbo, TCS , Affins AI, Infosys, Informatica, Nutanix, Amazon, IBM, Axxella, Mentorgraphics, Wipro turbo and much more.

**85** students of M.S/M.Tech - Software engg was given internship/ offer letters in dream ad super dream companies like Wolters kluwer, Wipro turbo, TCS , Affins AI, Infosys, Informatica, Nutanix, Amazon, IBM, Axxella, Mentorgraphics, Wipro turbo and much more.

*Students Placed  
Till 21<sup>st</sup> NOV- 2019 (2020 BATCH)*

**55** students of MCA was given internship/ offer letters in dream and super dream companies like Matrecomm, Shell, Eventus, Xebia, Syscloud, Advanced structure, Codingmart, Bitbe, Octazen , Virtusa , Deloitte, Gibraltor and much more.

**53** students of M.Tech was given internship/ offer letters in dream and super dream companies like Reliance, Danfoss, Knowledgelens, Broadridge, Infosys, Matrecomm, Shell, Eventus, Xebia, Syscloud, Advanced structure, Codingmart, Bitbe, Octazen , Virtusa , Deloitte and much more



# Papers Published in International/National Journals - Scopus Database

**July 2019**

- ❑ Sundarasekar, R., Shakee, P. M., Baskar, S., Kadry, S., Mastorakis, G., Mavromoustakis, C. X., & Vivekananda, G. N. (2019). Adaptive Energy Aware Quality of Service for Reliable Data Transfer in Under Water Acoustic Sensor Networks. IEEE. Access.
- ❑ Prassanna, J., & Venkataraman, N. Adaptive regressive holt-winters workload prediction and firefly optimized lottery scheduling for load balancing in cloud. Wireless Networks, 1-19.
- ❑ Rajarajeswari, S., & Neelanarayanan, V. Dynamic rule generation and rule matching for composite environmental condition in context aware system. Wireless Networks, 1-9.
- ❑ Karmel, A., Vijayakumar, V., & Kapilan, R. Ant-based efficient energy and balanced load routing approach for optimal path convergence in MANET. Wireless Networks, 1-13.
- ❑ Athanesious, J. J., Chakkaravarthy, S. S., Vasuhi, S., & Vaidehi, V. (2019). Trajectory based abnormal event detection in video traffic surveillance using general potential data field with spectral clustering. Multimedia Tools and Applications, 1-27.
- ❑ Sethuraman, S. C., Dhamodaran, S., & Vijayakumar, V. (2018). Intrusion detection system for detecting wireless attacks in IEEE 802.11 networks. IET Networks.
- ❑ Durgalakshmi B., Vijayakumar V. "Impact of dimensionality reduction and classification in breast cancer" International Journal of Innovative Technology and Exploring Engineering. July 2019.
- ❑ Arshad, Jani Anbarasi L., Narendra M., Pushbarani S., Dhanya D. "Investigating the effect of social media campaign on German 2017 elections" International Journal of Recent Technology and Engineering. July 2019.

## July 2019

- ❑ Prakash B., Viswanathan V."Risk prioritization for software development using grey wolf optimization" International Journal of Recent Technology and Engineering. July 2019.
- ❑ Premalatha M., Viswanathan V."Reducing the duration of higher education study with sequenced course recommendation using categorical subset summation algorithm" International Journal of Recent Technology and Engineering. July 2019.
- ❑ Gayathri Devi B., Pattabiraman V."Big data analytics using weighted multi-constraint correlated clustering for grouping users in social network" Journal of Advanced Research in Dynamical and Control Systems.
- ❑ Ganesan, R. (2019). Trust-based Selfish Node Detection Mechanism using Beta Distribution in Wireless Sensor Network. Journal of ICT Research and Applications, 13(1), 79-92.
- ❑ Jaya R., Pillai C.S., Kannan R.J."Hybrid fuzzified fish school search based learning method for prakriti analysis"Journal of Advanced Research in Dynamical and Control Systems. July 2019.
- ❑ Pradeep, K. V., Vijayakumar, V., & Subramaniaswamy, V. (2019). An Efficient Framework for Sharing a File in a Secure Manner Using Asymmetric Key Distribution Management in Cloud Environment. Journal of Computer Networks and Communications, 2019.
- ❑ Vijayakumar, V., Malathi, D., Subramaniaswamy, V., Saravanan, P., & Logesh, R. (2019). Fog computing-based intelligent healthcare system for the detection and prevention of mosquito-borne diseases. Computers in Human Behavior, 100, 275-285.
- ❑ Gopal, P. M., & Bhargavi, R. (2019). A novel approach for efficient crop yield prediction. Computers and Electronics in Agriculture, 165, 104968.

## August 2019

- ❑ Bansal A., Saleena B., Prakash B." Using data mining techniques to analyze the customers reaction towards social media advertisements" International Journal of Recent Technology and Engineering . August 2019.
- ❑ Thillaiarasu, N., Pandian, S. C., Vijayakumar, V., Prabakaran, S., Ravi, L., & Subramaniaswamy, V. Designing a trivial information relaying scheme for assuring safety in mobile cloud computing environment. Wireless Networks, 1-14.
- ❑ Anusooya, G., Vijayakumar, V., & Narayanan, V. N. (2019). Reducing the carbon emission by early prediction of peak time load in a data center. Journal of Intelligent & Fuzzy Systems, (Preprint), 1-8.
- ❑ Nachiyappan S., Justus S."A big data framework for quality assurance and validation" International Journal of Recent Technology and Engineering, August 2019.
- ❑ Sethuraman J., Manikandan R., Sekar K.R., Prassanna J., Kumar A."A classic search for dominant factors in web pages using search engines and validation through data analytics using R" International Journal on Emerging Technologies, August 2019.
- ❑ Jayasudha M., Subbulakshmi T." A comparative study of attribute based encryption of electronic health records in cloud" Journal of Advanced Research in Dynamical and Control Systems. August 2019.
- ❑ Gopal R., Asnath Victhy Phamila Y., Geetha S.A "hand geometry verification system relating finger length, position of the finger base and palm center" International Journal of Engineering and Advanced Technology. August 2019.

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- ❑ Sudha D., Priyadarshini J."A new hybrid proposed algorithm for multiple vehicle detection and tracking in a day-time environment" International Journal of Recent Technology and Engineering. August 2019.
- ❑ Aravind J., Parvathi R." A personalized location recommendation system based on probability and proximity" International Journal of Recent Technology and Engineering. August 2019.
- ❑ Pradeep K.V., Vijayakumar V." A proposed client based key management framework to secure information in cloud storage for public SaaS" International Journal of Recent Technology and Engineering. August 2019.
- ❑ Bansal A., Gupta C.L., Muralidhar A. "A sentimental analysis for youtube data using supervised learning approach" International Journal of Engineering and Advanced Technology. August 2019.
- ❑ Manikandan R., Parameshwaran R., Prassanna J., Sekar K.R."A study on specific computational algorithms for VLSI cell partitioning problems" International Journal on Emerging Technologies. August 2019.
- ❑ Sariki T.P., Bharadwaja Kumar G., Shukla U., Mishra A."An adroit approach for extractive text summarization" International Journal of Engineering and Advanced Technology. August 2019.
- ❑ Jayasudha M., Subbulakshmi T."An efficient attribute encryption for secure data sharing and storage in public and private clouds-A survey" International Journal of Recent Technology and Engineering. August 2019.
- ❑ Nachiyappan S., Justus S."Automated testing for big data environment using multi model structure validation" International Journal of Engineering and Advanced Technology. August 2019.

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- ❑ Shola U., Neelananarayanan V." BIS performance for CLAD PK-PD model" International Journal of Engineering and Advanced Technology. August 2019.
- ❑ Christy Jackson J., Rekha D., Vijayakumar V., Surya Prasath V.B." Broadcast scheduling problem in VANETs: A discrete genetic algorithm approach International Journal of Recent Technology and Engineering. August 2019.
- ❑ Poongodi M., Vijayakumar V., Ramanathan L., Gao X.-Z., Bhardwaj V., Agarwal T." Chat-bot-based natural language interface for blogs and information networks" International Journal of Web Based Communities. August 2019.
- ❑ Praveena Rachel Kamala S., Justus S." Concept relation logic for visualizing file behavior in a knowledge representation model" International Journal of Engineering and Advanced Technology. August 2019.
- ❑ Mironova D.Y., Kumar V.V., Murugesan R." Demola international project as an instrument of students involvement in science - business integration" International Journal of Innovative Technology and Exploring Engineering. August 2019.
- ❑ Rajarajeswari S., Neelananarayanan V." Detecting and resolving conflicts in adaptation rules for the context aware system" International Journal of Recent Technology and Engineering. August 2019.
- ❑ Hema N., Justus S." Enhancing the diagnosis of medical records to determine the clinical depressions using ICD-10 codes" International Journal of Recent Technology and Engineering. August 2019.
- ❑ Muralidhar A., Sathe A.A.K., Pattabiraman V." Enhancing the performance of large-scale profitable itemset mining using efficient data structures" International Journal of Innovative Technology and Exploring Engineering. August 2019.

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- ❑ Suganya G., Premalatha M., Sharma A., Pandya M., Joshi A." IOT based automated medicine dispenser for online health community using cloud" International Journal of Recent Technology and Engineering. August 2019.
- ❑ Dudeja K., Baidya S., Gupta S., Jasmine S.G." Low-cost 3DOF virtual reality first aid training programs" International Journal of Engineering and Advanced Technology. August 2019.
- ❑ Adhithiyam M., Karmel A." Novel approach of deep learning in toxicity prediction"" International Journal of Recent Technology and Engineering. August 2019.
- ❑ Gangadhar L., Kannan A., Praseetha P.K." Quantum dot-sensitized solar cells via integrated experimental and modeling study" Journal of Computational and Theoretical Nanoscience. August 2019.
- ❑ Sudhakar M., Meena M.J." Underwater image enhancement using conventional techniques with quality metrics" International Journal of Innovative Technology and Exploring Engineering. August 2019.
- ❑ Punithavathi P., Geetha S."Partial DCT-based cancelable biometric authentication with security and privacy preservation for IoT applications" Multimedia Tools and Applications. September 2019.
- ❑ Maya Gopal P.S., Bhargavi R."Optimum feature subset for optimizing crop yield prediction using filter and wrapper approaches" Applied Engineering in Agriculture . September 2019.
- ❑ Rekha G., Tyagi A.K., Reddy V.K."A wide scale classification of class imbalance problem and its solutions: A systematic literature review" Journal of Computer Science. September 2019.
- ❑ Jeman A.A.J., Hannon N.M.S., Hidayat N., Adam M.M.H., Musirin I., Vijayakumar V." Experimental study on transient response of fuel cell" Bulletin of Electrical Engineering and Informatics. September 2019.

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- ❑ Anand Joseph Daniel D., Janaki Meena M." A systematic learning on variety of recommender systems for online commodities" International Journal of Innovative Technology and Exploring Engineering. September 2019.
- ❑ Dhanapal A., Nithyanandam P." The HTTP flooding attack detection to secure and safeguard online applications in the cloud" International Journal of Information System Modeling and Design. September 2019.
- ❑ Jeman A.A.J., Hannon N.M.S., Hidayat N., Adam M.M.H., Musirin I., Vijayakumar V." Stability check of doubly fed induction generator (DFIG) micro grid power system" Bulletin of Electrical Engineering and Informatics. September 2019.
- ❑ Md A.Q., Vijayakumar V." Dynamic ranking of cloud services for web-based cloud communities: Efficient algorithm for rating-based discovery and multi-level ranking of cloud services" International Journal of Web Based Communities. September 2019.
- ❑ Sreenivasa Chakravarthi S., Jagadeesh Kannan R." Non-linear dimensionality reduction-based intrusion detection using deep autoencoder" International Journal of Advanced Computer Science and Applications. September 2019.
- ❑ Devi B.S.K., Subbulakshmi T." Cloud-based DDoS attack detection and defence system using statistical approach" International Journal of Information and Computer Security. September 2019.
- ❑ Sundararaman S.A., SubbuLakshmi T." Execution of scientific workflows on IaaS cloud by PBRR algorithm" International Journal of Computational Science and Engineering. September 2019.
- ❑ Maheswari S., Justus S., Urkude S." Machine learning algorithms for understanding web user access based on query" Journal of Advanced Research in Dynamical and Control Systems. September 2019.

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- ❑ Jayanthi R., Singh K.J." A public key-based encryption and signature verification model for secured image transmission in network" International Journal of Internet Technology and Secured Transactions. September 2019.
- ❑ Jangiti S., Swathi G., Ravi L., Vijayakumar V., Subramaniaswamy V." Automated question extraction and tagging for cloud-based online communities" International Journal of Web Based Communities. September 2019.
- ❑ Phull D.K., Bharadwaja Kumar G." Efficient search mechanism from large scale corpora for domain-specific language modeling in speech recognition" International Journal of Engineering and Advanced Technology. September 2019.
- ❑ Sarojini S., Asha S." Botnet detection on the analysis of zeus panda financial botnet" International Journal of Engineering and Advanced Technology. September 2019.
- ❑ Singh R.K., Sivabalakrishnan M." Classification of gene expression data using efficient feature selection technique and resampling method" International Journal of Engineering and Advanced Technology. September 2019.
- ❑ Rajakumaran G., Venkataraman N." Moving target defense strategy for mitigating denial of service attack in the public cloud environment" International Journal of Engineering and Advanced Technology. September 2019.
- ❑ Mathur H., Pradeep K.V." Energy-efficient consolidation of virtual machines in cloud data centers" International Journal of Engineering and Advanced Technology

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- ❑ Singh R.K., Sivabalakrishnan M." Microarray gene expression data classification using a hybrid algorithm: MRMRAGA" International Journal of Innovative Technology and Exploring Engineering. September 2019.
- ❑ Christy Daniel D., Shyamala L." An insight on sentiment analysis research from text using deep learning methods" International Journal of Innovative Technology and Exploring Engineering. September 2019.
- ❑ Ragala R., Bharadwaja Kumar G." Rank based pseudoinverse computation in extreme learning machine for large datasets" International Journal of Innovative Technology and Exploring Engineering. September 2019.
- ❑ Prabhu Kavin B., Ganapathy S." A novel M-commerce data security mechanism using elliptic curve cryptography" International Journal of Innovative Technology and Exploring Engineering. September 2019.
- ❑ Shah V., Shridevi S." Health insurance data processing using linked data" International Journal of Innovative Technology and Exploring Engineering. September 2019.
- ❑ Angel C., Asha S." Creating a smart agricultural environment using ambient intelligent technique" International Journal of Innovative Technology and Exploring Engineering. September 2019.
- ❑ Vijayakumar S., Syed Ibrahim S.P. " Mining learners' data to perceive the need for German for academic purposes" International Journal of Recent Technology and Engineering. September 2019.
- ❑ Divya Preetha A., Pradeep Kumar T.S." Leveraging fog computing for a secure and smart healthcare" International Journal of Recent Technology and Engineering. September 2019.
- ❑ Abdul Rahman A., Selwyn J." A conceptual model for effectiveness of knowledge management systems" International Journal of Recent Technology and Engineering. September 2019.

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- ❑ Vincent R., Vijayakumar V." An enhanced virtual reality method for diagnosing autistic children" International Journal of Recent Technology and Engineering. September 2019.
- ❑ Rishickesh R., Shahina A., Nayeemulla Khan A." Predicting forest fires using supervised and ensemble machine learning algorithms" International Journal of Recent Technology and Engineering. September 2019.
- ❑ Nayak P., Jenila Livingston L.M." Automated notification for improper use of AWS resources" International Journal of Recent Technology and Engineering. September 2019.
- ❑ Bharathi C., Vijaya Kumar V." Equalized load shaping for demand side management using memetic algorithm" International Journal of Recent Technology and Engineering. September 2019.
- ❑ Rama Subba Reddy G., Hussain S.J., Dinesh Kumar K." Attribute-oriented classification with variable importance using random forest model" International Journal of Recent Technology and Engineering. September 2019.
- ❑ Nagelli A., Ragala R., Saleena B." Automotive rank based ELM using iterative decomposition" International Journal of Intelligent Engineering and Systems. September 2019.
- ❑ Gayathri R., Neelananarayanan V." Identification of regression function and distribution model for denial of service attack in Second Life online community using simple network management protocol" International Journal of Web Based Communities. September 2019.
- ❑ Lakshmanaprabu S.K., Shankar K., Ilayaraja M., Nasir A.W., Vijayakumar V., Chilamkurti N."Random forest for big data classification in the internet of things using optimal features" International Journal of Machine Learning and Cybernetics. October 2019.

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- ❑ Gopu A., Venkataraman N." Optimal VM placement in distributed cloud environment using MOEA/D" Soft Computing. October 2019.
- ❑ Gothawal D.B., Nagaraj S.V." Anomaly-Based Intrusion Detection System in RPL by Applying Stochastic and Evolutionary Game Models over IoT Environment" Wireless Personal Communications. October 2019.
- ❑ Geetha M., Ganesan R., Sai T.T." Performance analysis of the machine learning algorithms on heart condition predictions" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Somasundaram B., Shridevi S." Video segmentation & Retrieval" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Arumugam S., Bhargavi R." A survey on driving behavior analysis in usage based insurance using big data" Journal of Big Data. October 2019.
- ❑ Sariki T.P., Bharadwaja Kumar G." Exploiting visual content of book front cover to aggrandize the content based book recommendation system" International Journal of Innovative Technology and Exploring Engineering. October 2019.
- ❑ Anand L., Neelananarayanan V." Liver disease classification using deep learning algorithm" International Journal of Innovative Technology and Exploring Engineering. October 2019. October 2019.
- ❑ Rishickesh R., Ram Kumar R.P., Shahina A., Nayeemullah Khan A." Identification of duplication in questions posed on knowledge sharing platform quora using machine learning techniques" International Journal of Innovative Technology and Exploring Engineering. October 2019.
- ❑ Premalatha M., Viswanathan V." Course Sequence Recommendation with Course Difficulty Index Using Subset Sum Approximation Algorithms" Cybernetics and Information Technologies. October 2019.

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- ❑ Krishna Priya M.A., Selwyn J." Code knowledge acquisition for knowledge management trajectory framework" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Gupta S., Jenila Livingston L.M., Agnel Livingston L.G.X." Prediction of top tourist attraction spots using learning algorithms" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Monica K.M., Parvathi R." Traditional dimensionality reduction techniques using deep learning" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Parvathi R., Aravind J." Classification based credibility analysis on twitter data" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Sharma S., Chauhan V., Jain A." Smart and inexpensive implementation of garbage disposal system for smart cities" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Anand L., Neelananarayanan V."Feature selection for liver disease using particle swarm optimization algorithm" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Shridevi S., Archana K." Ontology-based diet recommendation system" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Sudaroli Vijayakumar D., Ganapathy S." Feature reduction using Lasso hybrid algorithm in wireless intrusion detection system" International Journal of Innovative Technology and Exploring Engineering. October 2019.
- ❑ Sivabalakrishnan M., Jeeva S." Utilising P300 via non-invasive brain computer interface to control wheelchair" International Journal of Innovative Technology and Exploring Engineering. October 2019.

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- ❑ Saluja G.S., Maheswari N." Comparative study to predict the kidney disease for the clinical data using classification techniques" Indian Journal of Public Health Research and Development. October 2019.
- ❑ Vinodha R., Parvathi R." Election result prediction using spatial statistical method" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Suresh K., Pattabiraman V." Developing a customer model for targeted marketing using association graph mining" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Sathiyarayanan M., Varadarajan V., Pradeep K.V." Visual analytics on spatial time series for environmental data" International Journal of Recent Technology and Engineering. October 2019.
- ❑ Venkata Lakshmi D., Jeganathan L. " Graph self-replication system" Complex Systems. October 2019.
- ❑ Jeman A.A.J., Hannon N.M.S., Hidayat N., Adam M.M.H., Musirin I., Vijayakumar V." Simulation on microgrid connected PV system under balance and unbalance fault" Indonesian Journal of Electrical Engineering and Computer Science. October 2019.
- ❑ Wagdarikar R.R., Sandhya P." Parallelism in web services: Design of parallel XML parser for web services" Indonesian Journal of Electrical Engineering and Computer Science October 2019.
- ❑ Kumar B.S., Sountharajan S." Improving big data projects requirement understandability by using big data use case diagram" Journal of Computational and Theoretical Nanoscience October 2019.

## November 2019

- ❑ Rai A., Jagadeesh Kannan R." Consensus-based decision making in non-linearly multi-coupled IoT networked SLAM operations" International Journal of Electrical Engineering Education. November 2019.
- ❑ Kamaraj P., Jagadeesh Kannan R." Design and development of the optical control network active phased array radar" International Journal of Electrical Engineering Education. November 2019.
- ❑ Vergin Raja Sarobin M." Optimized Node Deployment in Wireless Sensor Network for Smart Grid Application" Wireless Personal Communications. November 2019.
- ❑ Sudhakara M., Janaki Meena M." An edge detection mechanism using L\*A\*B Color-based contrast enhancement for underwater images" Indonesian Journal of Electrical Engineering and Computer Science. November 2019.
- ❑ Matthew K.M., Muhammed A.Q., Varadaraja V." An improved key management scheme in cloud storage" International Journal of Advanced Intelligence Paradigms. November 2019.
- ❑ Ramasamy J." An intelligent accident detection information system using iot" International Journal of Engineering and Advanced Technology. November 2019.
- ❑ Shah V., Shridevi S." Data-science recommendation system using semantic technology" International Journal of Engineering and Advanced Technology. November 2019.
- ❑ Ilakiyaselvan N., Bhatt H., Shukla U., Nayeemulla Khan A., Shahina A." Epileptic seizure prediction through machine learning and spatio-temporal features based time series analysis of intracranial electroencephalogram data" International Journal of Engineering and Advanced Technology. November 2019.

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- ❑ Rishickesh R., Shahina A., Nayeemulla Khan A." Prediction of west Nile virus using ensemble classifiers" International Journal of Engineering and Advanced Technology. November 2019.
- ❑ Aarthi D., Viswanathan V., Nandhini B., Ilakiyaselvan N." Question classification using a rule based model" International Journal of Innovative Technology and Exploring Engineering. November 2019.
- ❑ Kalaivani K., Phamila A.V., Selvaperumal S.K." Random forest classifier for extracting water bodies from pansharpened image to detect surface water changes" International Journal of Engineering and Advanced Technology. November 2019.
- ❑ Manjaly J.S., Subbulakshmi T." TaskTracker aware scheduler with resource availability control for Hadoop MapReduce" International Journal of Advanced Intelligence Paradigms. November 2019.
- ❑ Dutta S., Parvathi R., Ganesan R." Threat identification and examination using graph based anomaly detection" International Journal of Engineering and Advanced Technology. November 2019.
- ❑ Nivedita M., Asnath Vicky Phamila Y." Image captioning for affine transformed images using image hashing" International Journal of Engineering and Advanced Technology. November 2019.



## December 2019

- ❑ Selvi, M., Velvizhy, P., Ganapathy, S., Nehemiah, H. K., & Kannan, A. (2019). A rule based delay constrained energy efficient routing technique for wireless sensor networks. *Cluster Computing*, 22(5), 10839-10848.
- ❑ Koteeswaran, S., Malarvizhi, N., Kannan, E., Sasikala, S., & Geetha, S. (2019). Data mining application on aviation accident data for predicting topmost causes for accidents. *Cluster computing*, 22(5), 11379-11399.
- ❑ Jeeva, S., & Sivabalakrishnan, M. (2019). Twin background model for foreground detection in video sequence. *Cluster Computing*, 22(5), 11659-11668.
- ❑ Hemalatha, J., Devi, M. K., & Geetha, S. (2019). Improving image steganalyser performance through curvelet transform denoising. *Cluster Computing*, 22(5), 11821-11839.
- ❑ Sajidha, S. A., Desikan, K., & Chodnekar, S. P. (2019). Initial Seed Selection for Mixed Data Using Modified K-means Clustering Algorithm. *Arabian Journal for Science and Engineering*, 1-19.

## December 2019

- ❑ Gopalswamy, S., & Mohamed, S. I. P. Time Adaptive Collaborative Filtering for Movie Recommendation.
- ❑ Siddique Ibrahim S.P., Sivabalakrishnan M. "An enhanced weighted associative classification algorithm without preassigned weight based on ranking hubs" *International Journal of Advanced Computer Science and Applications*
- ❑ Chen, S., Zheng, Y., Lu, W., Varadarajan, V., & Wang, K. (2019). Energy-optimal dynamic computation offloading for industrial IoT in fog computing. *IEEE Transactions on Green Communications and Networking*
- ❑ Vinodha R., Parvathi R. "Location based point-ofinterest recommendation system using co-pair similarity measure" *International Journal of Scientific and Technology Research*

# Doctoral Committee Meeting

## Colloquium / Synopsis / Viva Voice

### Colloquium / Synopsis / Viva Voice

- ✓ Synopsis of Mr. Abdul Quadir Md - 13PHD1001 was conducted on 7/15/2019 titled Trust evaluation framework based on QoS for discovery and ranking of cloud services guided by Dr. Neela Narayanan V.
- ✓ Synopsis of Mr. Christy Jackson J - 13PHD1032 was conducted on 8/1/2019 titled An Evolutionary Optimization Framework For Improving Communication In Vehicular Adhoc Networks guided by Dr. Asha S.
- ✓ Colloquium and Synopsis of Mrs. Shola Usha Rani - 13phd1118 was conducted on 7/18/2019 and 9/12/2019 titled Drug infusion algorithm for closed loop anesthetic drug delivery system satisfying patient safety constraint guided by Dr. Neela Narayanan V.
- ✓ Colloquium and Synopsis of Mr. Tulasi Prasad Sariki- 13PHD1132 was conducted on 9/3/2019 and 9/30/2019 titled An Aggrandized Framework for Enriching Book Recommendation System guided by Dr. Bharadwaja Kumar.
- ✓ Colloquium and Synopsis of Mrs. Anusooya G - 13PHD1012 was conducted on 5/15/2019 and 8/16/2019 titled Reduced Carbon Emission and Optimized Power Consumption Model for Prediction of Peak Time Load in a Green Data Center. guided by Dr. Kumar R.
- ✓ Colloquium and Synopsis of Mrs. Premalatha M - 12PHD1053 was conducted on 9/16/2019 and 11/27/2019 titled Personalized Course Recommendation for Choice Based Credit System guided by Dr. Viswanathan V.
- ✓ Synopsis of Mr. Prassanna.J - 13phd1087 was conducted on 8/5/2019 titled Efficient Load Balancing Techniques through Multi-Objective Approaches in Cloud Data Center guided by Dr. Neela Narayanan V.

## Colloquium / Synopsis / Viva Voice

- ✓ Colloquium and Synopsis of Mr. Nachiyappan S - 13PHD1078 was conducted on 7/31/2019 and 10/21/2019 titled An automated testing framework for big data environment. guided by Dr. Justus S.
- ✓ Colloquium and Synopsis of Mr. Ragala Ramesh - 13PHD1102 was conducted on 9/11/2019 and 11/25/2019 titled Invigorating Extreme Learning Machine for performance improvement in Conventional and Distributed Computing Environments guided by Dr. Bharadwaja Kumar.
- ✓ Colloquium and Synopsis of Mr. S Rajkumar - 13PHD1097 was conducted on 7/1/2019 and 8/23/2019 titled A Framework for change detection in Synthetic Aperture Radar (SAR) Images guided by Dr. Malathi G.
- ✓ Colloquium and Synopsis of Mr. S.Bharathiraja - 12PHD1039 was conducted on 8/16/2019 and 9/27/2019 titled Development of image forgery detection techniques from the perspective of ML and DL guided by Dr. Rajesh Kanna B.
- ✓ Colloquium of Mrs. Jayasudha M - 14phd1195 was conducted on 7/30/2019 titled Cipher text policy attribute reduction based encryption algorithm in cloud instances guided by Dr. Subbulakshmi T
- ✓ Colloquium and Synopsis of Mr. K Sathyarajasekaran - 11PHD1055 was conducted on 8/22/2019 and 10/21/2019 titled An Approach to Reduce Load on Change Impact Analysis over Software Development guided by Dr. Ganesan R.
- ✓ Synopsis of Mr. Rajesh M - 13PHD1095 was conducted on 12/19/2019 titled Distance Parameters in Oriented Networks guided by Dr. Indra Rajasingh.

## Colloquium / Synopsis / Viva Voice

- ✓ Colloquium of Mr. Ilakiyaselvan N - 11PHD1050 was conducted on 12/18/2019 titled Detection of Brain Diseases Using Reconstructed Phase Space Portraits of Electroencephalogram guided by Dr. Dr. A. Nayeemulla Khan.
- ✓ Colloquium of Mr. J.V. Thomas Abraham - 11PHD1058 was conducted on 12/17/2019 titled Robust Speaker Recognition in Adverse Environments guided by Dr. A. Nayeemulla Khan.
- ✓ Colloquium and Synopsis of Mr. Rabindra Kumar Singh - 13PHD1146 was conducted on 10/4/2019 and 12/16/2019 titled Enhanced feature selection techniques for microarray gene expression data classification guided by Dr. Sivabalakrishanan M.

## Viva Voice

- ✓ Viva Voice of Mrs Kanchana Devi - 12PHD1045 was conducted on 10/23/2019 titled Selfish Nodes Mitigation Mechanism through Trust Management Framework in WSN guided by Dr. Ganesan R.
- ✓ Viva Voice of Mrs Priyaadharshini M was conducted on 11/04/2019 titled Analysing competency skills and performance of the learners using cloud based flipped class room guided by Dr. B. Vinayaga Sundaram at MIT campus, Anna University, Chennai .
- ✓ Viva Voice of Mr. Abdul Quadir Md - 13PHD1001 was conducted on 11/08/2019 titled Trust evaluation framework based on QoS for discovery and ranking of cloud services guided by Dr. NeelaNarayanan V
- ✓ Viva Voice of Mr. Prassanna.J - 13phd1087 was conducted on 12/06/2019 titled Efficient Load Balancing Techniques through Multi-Objective Approaches in Cloud Data Center guided by Dr. Neela Narayanan V

# Workshops / Seminars / FDP Conducted

## Workshops / Seminars / FDP Conducted

- ① Dr.Rekha D conducted a three day faculty development program from 11/27/2019- 11/29/2019 on CPS Solutions using NI Platform.
- ① Dr. Rajesh Kanna B conducted a one day workshop on 11/13/2019 in deep learning.
- ① Dr. Syed Ibrahim S P conducted a short term course on advanced data analytics from 11/4/2019 - 12/13/2019.
- ① Dr. Abdul Quadir Md conducted a one day workshop on 9/18/2019 on web development by facebook.
- ① Dr. Ramesh Ragala conducted a one day workshop on 9/13/2019 on research ideas in video text detection and recognition.
- ① Dr. Christy Jackson J conducted a two day workshop from 9/11/2019 - 9/12/2019 on virtualization technologies.

## Workshops / Seminars / FDP Conducted

- ① Dr. Abdul Quadir Md conducted a one day workshop on 9/9/2019 in hacker earth.
- ① Dr. Syed Ibrahim S P organized 6<sup>th</sup> Higher Education on 9/6/2019.
- ① Dr. Christy Jackson J conducted a two day workshop from 9/3/2019 - 9/4/2019 on machine learning.
- ① Dr. Suganya G conducted a one day workshop on 8/10/2019 in python programming.
- ① Dr. Janaki Meena M conducted a one day workshop on 7/13/2019 in introduction to python.
- ① Dr. Shridevi S conducted a one day workshop on 7/30/2019 in ds & algorithms.
- ① Dr. Rekha D conducted a seminar on 8/1/2019 in block chain

## Workshops / Seminars / FDP Conducted

- ① Dr. Bhuvanewari conducted a workshop in data on 9/23/2019.
- ① Dr. Reshmi T R conducted a workshop on 10/9/2019 in drone designing & customization.
- ① Dr. Malathi G conducted a workshop on 10/4/2019 in internet of things.
- ① Dr. Prassanna J conducted a workshop on 9/25/2019 on google golan programming.
- ① Dr. Nithyanandam P conducted a seminar in cyber security awareness program on 12/11/2019 .

# Guest Lectures Conducted

## Guest Lectures Conducted

- ① *Dr. Priyadarshini J conducted a guest lecture on 7/18/2019 in Artificial Intelligence - An View.*
- ① *Dr. Malathi G conducted a guest lecture on 7/19/2019 in Exploratory data analysis - Data Visualization.*
- ① *Dr. Maheswari R conducted a guest lecture on 7/30/2019 in Building Careers In The Smart Energy World And Journey Into The Future Technology.*
- ① *Dr. Pattabiraman V conducted a guest lecture on 7/22/2019 in Data Mining Concepts and Techniques.*
- ① *Prof. Ramesh Ragala conducted a guest lecture on 8/26/2019 in Practical Exposure on Pig Tool for Big Data.*
- ① *Dr. Sajidha S A conducted a guest lecture on 8/28/2019 in Artificial Intelligence.*
- ① *Dr. Parvathi R conducted a guest lecture on 9/12/2019 in NOSQL Databases.*
- ① *Prof. Jayasudha M conducted a guest lecture on 9/16/2019 in Security and Privacy in Social Network.*
- ① *Prof. Jayasudha M conducted a guest lecture on 9/16/2019 in Analysis of Data structures & Algorithms.*

## Guest Lectures Conducted

- ☉ Dr. Jayanthi R conducted a guest lecture on 9/16/2019 in Recent Technologies in Quality Software Engineering .
- ☉ Prof. Rabindra Kumar Singh conducted a guest lecture on 9/24/2019 in Machine Learning Application to Bio-Informatics .
- ☉ Dr. Ganapathy S conducted a guest lecture on 9/18/2019 in Recent Trends in Software Testing.
- ☉ Dr. Graceline Jasmine S conducted a guest lecture on 10/23/2019 in Game Design Prototype.
- ☉ Dr. Graceline Jasmine S conducted a guest lecture on 10/15/2019 in Content Based Image Retrieval.
- ☉ Dr. Rajalakshmi R conducted a guest lecture on 10/16/2019 in Deep Learning Techniques and its application.
- ☉ Prof. Gayathri R conducted a guest lecture on 10/18/2019 in Application of cloud tools in industries.
- ☉ Prof. Rajiv Vincent conducted a guest lecture on 10/23/2019 in Applications of Agile software development in industry.

## Guest Lectures Conducted

- ☉ Dr. Viswanathan V conducted a guest lecture on 11/1/2019 in Contemporary issues in Machine Learning approach.
- ☉ Dr. Bharadwaja Kumar conducted a guest lecture on 10/21/2019 in Anomaly Detection An Industry Perspective.
- ☉ Dr. Prassanna J conducted a guest lecture on 10/23/2019 in Application of Hadoop Framework in Industries.
- ☉ Dr. Asnath Vicky Phamila Y conducted a guest lecture on 10/30/2019 in Careers in Computer Vision.
- ☉ Dr. Rekha D conducted a guest lecture on 10/23/2019 in AI in IoT.
- ☉ Prof. Ramesh Ragala conducted a guest lecture on 10/22/2019 in Applications of Data Science.
- ☉ Dr. Kanchana Devi V conducted a guest lecture on 10/22/2019 in Web-of-Things.
- ☉ Dr. Jani Anbarasi.L conducted a guest lecture on 10/23/2019 in Security Issues in Social and Internet Applications.
- ☉ Prof. Nachiyappan S conducted a guest lecture on 10/24/2019 in Software Project Management.
- ☉ Dr. SK Ayesha conducted a guest lecture on 11/4/2019 in Multi-processor Architectures.
- ☉ Dr. Subbulakshmi T conducted a guest lecture on 10/31/2019 in OWASP guideline.

## Guest Lectures Conducted

- ⊗ **Prof. Maheswari S conducted a guest lecture on 11/5/2019 in Software metrics in industry.**
- ⊗ **Dr. KIRTHICA S conducted a guest lecture on 11/6/2019 in The path to GraphQL.**
- ⊗ **Prof. Anusooya G conducted a guest lecture on 11/8/2019 in Project Expo.**
- ⊗ **Prof. Maheswari S conducted a guest lecture on 11/8/2019 in Project Expo.**
- ⊗ **Dr. Kanchana Devi V conducted a guest lecture on 11/8/2019 in Project Expo.**
- ⊗ **Prof. Rabindra Kumar Singh conducted a guest lecture on 11/6/2019 in TARP Evaluation.**
- ⊗ **Dr. Nisha V.M conducted a guest lecture on 11/6/2019 in Applications of Theoretical Computing science in an industry perspective.**
- ⊗ **Dr. SK Ayesha conducted a guest lecture on 11/8/2019 in Recent Trends in High Performance Computing.**

## Guest Lectures Conducted

- ⊗ **Dr. V. Muthumanikandan conducted a guest lecture on 11/8/2019 in IoT : A disruptive Technology.**
- ⊗ **Dr. Suganya G conducted a guest lecture on 11/8/2019 in Machine Learning – Industry trends.**
- ⊗ **Prof. Prabakaran R conducted a guest lecture on 11/8/2019 in Latest trends in Software Configuration and Management.**
- ⊗ **Dr. A. K Ilavarasi conducted a guest lecture on 11/8/2019 in Big data and recent trends.**
- ⊗ **Dr. Shridevi S conducted a guest lecture on 11/15/2019 in Investor Awareness Program.**
- ⊗ **Dr. Neela Narayanan V conducted a guest lecture on 10/24/2019 in Data acquisition and storage in Cloud.**
- ⊗ **Dr. Malathi G conducted a guest lecture on 9/24/2019 in Machine Learning.**
- ⊗ **Dr. Jenila Livingston L M conducted a guest lecture on 12/19/2019 in Web Development and Data Management in Industries**



# *Industrials Visits*

## *Industrial Visits*

- ☉ *Dr.Prassanna.J and Dr.Neelananarayanan had organized an Industrial Visit for B.Tech (CSE) students to Swift Power Products Engineering (P) Ltd, Vengadamangalam, Chennai on 13th Dec'19.*
- ☉ *Dr. Reshmi T R had organized an Industrial Visit for CSE4004 - Digital Forensics course students to SOC of CTS, Chennai on 10th Dec'19.*
- ☉ *Dr. Reshmi T R had organized an Industrial Visit for B.Tech (CSE) students to BSNL, Maraimalainagar on 19th Nov'19.*
- ☉ *Dr. Abdul Quadir Md had organized an Industrial Visit for II B.Tech(CSE) students to VIT Data Center, Vellore on 16th Oct'19.*
- ☉ *Dr. Bhuvanewari and Dr. V. Muthumanikandan had organized an Industrial Visit for Final year B.Tech(CSE) students to StartUp Incubation Procedure at Software Technology Park of India Taramani, Chennai on 31st Oct'19.*
- ☉ *Dr. Prassanna.J had organized an Industrial Visit for B.Tech(CSE) students to National Institute for Empowerment of Persons with Multiple Disabilities, Chennai on 24th Oct'19.*
- ☉ *Dr. Reshmi T R had organized an Industrial Visit for B.Tech (CSE) students to Royal Enfield, Chennai on 24th Oct'19.*
- ☉ *Dr. Ganapathy S had organized an Industrial Visit for M.Tech (SE) students to CSIR, Taramani, Chennai on 23rd Sep'19.*

## *Industrial Visits*

- ∞ *Dr. Parvathi R had organized an Industrial Visit for B.Tech (CSE) students to IITM - Research Lab, Chennai on 19th Oct'19.*
- ∞ *Dr. B V A N S S Prabhakar Rao, Dr. E. Umamaheswari and Dr. Oswald had organized an Industrial Visit for M.Tech(CSE) and B.Tech (CSE) students to TCS Siruseri, Chennai on 23rd Oct'19.*
- ∞ *Dr. Rajiv Vincent and Dr.Rajesh had organized an Industrial Visit for B.Tech (CSE) and M.Tech(SE) students to Sansbound, Chennai on 19th Oct'19.*
- ∞ *Dr. B V A N S S Prabhakar Rao had organized an Industrial Visit for M.Tech(SE) students to TCS Siruseri, Chennai on 18th Oct'19.*
- ∞ *Dr. Abdul Quadir Md, Prof. Anusooya G, Prof. Christy Jackson J and Prof. Premalatha M had organized an Industrial Visit for B.Tech(CSE) and M.Tech(SE) students to VIT Data Center, Vellore on 17th Oct'19.*
- ∞ *Dr.Prassanna.J, Dr. Abdul Quadir Md, Dr.Sivabalakrishnan and Prof. Prabakaran R had organized an Industrial Visit for B.Tech(CSE) and M.Tech(SE) students to VIT Data Center, Vellore on 16th Oct'19.*
- ∞ *Dr, Jani Anbarasi.L, Dr. Vergin Raja Sarobin M and Dr.Harini S had organized an Industrial Visit for B.Tech (CSE) students to Intellect Design Private Limited, Chennai on 30th Aug'19.*

## *Industrial Visits*

- ∞ *Dr. Reshmi T R had organized an Industrial Visit for B.Tech (CSE) students to Steel City Securities Limited 49-52-5/4, Santhipuram Visakhapatnam - 530 016 on 7th Oct'19.*
- ∞ *Dr. Reshmi T R had organized an Industrial Visit for B.Tech (CSE) students to Diamond Engineering Chennai Pvt. Ltd. and Emerald Engineering on 27th Sep'19.*
- ∞ *Prof. Jayasudha M, Dr. Harini S, Dr. Graceline Jasmine S and Prof. Nachiyappan S had organized an Industrial Visit for B.Tech (CSE) students to CSIR-CEERI Chennai Centre, CSIR Madras Campus, Taramani, Chennai-600 113.on 26th Sep'19*
- ∞ *Prof Pradeep K V, Prof. Punitha K, Dr. Anusha K and Dr. Sivabalakrishnan M had organized an Industrial Visit for M.Tech (SE) students to CSIR-CEERI Chennai Centre, CSIR Madras Campus, Taramani, Chennai-600 113.on 26th Sep'19.*
- ∞ *Dr. M. Prasad, Dr. M. Braveen, Prof. Rabindra Kumar Singh, Prof. Ilakiyaselvan N and Prof. Jayanthi R had organized an Industrial Visit for MCA and M.Tech (SE) students to CSIR-CEERI Chennai Centre, CSIR Madras Campus, Taramani, Chennai-600 113.on 26th Sep'19.*
- ∞ *Dr.Nagaraj S V had organized an Industrial Visit for B.Tech (CSE) students to Cognizant SOC, Ramanujan IT City, Tharamani, Chennai on 10th Dec 2019*

# Faculty Participation in Conferences / Workshops /Seminars/ Training Programs

## Faculty Participation in Conferences / Workshops / Seminars / Training Programs

- ✓ Dr.Prassanna and Prof. Gayathri R had participated in Amazon AWS 101 Workshop organized by Amazon Development Centre (India) Pvt Ltd at Chennai on 26<sup>th</sup> June 19.
- ✓ Dr. Ganesan R had participated in the ICT Academy CSR convergence 2019 on 27<sup>th</sup> Aug'19.
- ✓ Dr. B RadhikaSelvamani, Dr. Kirthica and Prof. Shola Usha Rani had participated in a Faculty development programme on “Curious Program” organized by Healthcare Technology Innovation CenterMedtech Incubator at IITM Research Park Taramani from 26<sup>th</sup> to 27<sup>th</sup> Sep'19.
- ✓ Dr. Prassanna J and Dr.Neela Narayanan V had participated in the Nutanix Xperience Day at Chennai on| 12<sup>th</sup> Sep'2019.
- ✓ Dr. Sivagami M had participated in MATLAB workshop at Hotel Hilton Chennai on 17<sup>th</sup> Sep'19.
- ✓ Dr. R. Rajalakshmi presented a paper titled “Design of Kids-specific URL Classifier using Recurrent Convolutional Neural Network, International Conference on Computational Intelligence and Data Science (ICCIDS 2019) at NorthCapUniversity, Gurugram during Nov Sep 6-7, 2019.
- ✓ Dr. Sathis Kumar B had participated in International Conference on opportunities and challenges of Blockchain Technology at Chennai on 17-18<sup>th</sup> Oct'19.
- ✓ Dr. Pattabiraman V had attended and presented a Paper in the 2nd world summit on Advances in Sciences, Engineering and Technology" held at Indiana University - Purdue University - Indianapolis, USA on 3 Oct'19.
- ✓ Dr. Renta Chintala Bhargavi has attended and presented a Paper in the 2nd world summit on Advances in Sciences, Engineering and Technology" held at Indiana University - Purdue University - Indianapolis, USA on 3-5 Oct'19.
- ✓ Dr. Jenila Livingston L M and Priyaadharshini M have participated in Faculty Development Program on Digital Disruption & Hands-on session in a Technology at Cognizant facility, Chennai on 22<sup>nd</sup> Nov'19.
- ✓ Dr. R. Rajalakshmi presented a paper titled “Deep URL: Design of Adult URL Classifier using Deep Neural Network” at an ACM International Conference on Information Science and System (AISS 2019) at Nanyang Technological University, Singapore during Nov 15-17, 2019

# Invited Talks Delivered By Faculty Members

## Invited Talks Delivered

- △ Dr. Rajalakshmi acted as a resource person for a Faculty Development Training Programme on Problem solving and Python Programming and delivered lectures on “Introduction to Python Programming” with Hands-on-sessions on June 11, 2019.
- △ Dr. Shyamala had delivered a session on “Python Programming” for the Faculty Development Programme in Python at Rajalakshmi Institute of Technology, Chennai on 17th July'19.
- △ Dr.Asha had delivered a POC Mentoring session for students and IIC 2.0 & ARIIA 2020 orientation session for faculty at Sri SaiRam engineering College, Chennai on 31st July'19.
- △ Dr. Jegannathan L acted as a speaker in the panel discussion on the draft of National Education Policy 2019, at SSS Jain college, Chennai on 8th Aug'19.
- △ Dr. Neela Narayanan V acted as a resource person for Faculty Development Programme on "Data Analytics and Parallel Processing" sponsored by IET at SRM University, Chennai on 26<sup>th</sup> Aug'19.
- △ Dr. R. Rajalakshmi conducted a workshop on Machine Learning at Sairam Engineering College and delivered the lectures with Hands-on-sessions on September 3, 2019.
- △ Dr. Kumar R had delivered a Guest Lecture on Grid and Cloud Computing on at SA Engineering College on 13th Sep'19.

# Invited Talks Delivered

- △ Dr. Suganya G had served as a resource person for the workshop on Machine Learning at Sairam Engineering College on 20th Sep'19.
- △ Dr. Sweetlin Hemalatha had delivered a session on "Python Programming for Data Science in one-day workshop on "Distinguishing Principles of DATA SCIENCE" at SRM University on 4th Oct'19.
- △ Dr. Geetha S had served as a Session Chair in 2nd world summit on Advances in Sciences, Engineering and Technology" held at Indiana University - Purdue University - Indianapolis, USA on 3-5 Oct'19.
- △ Dr. Justus S had served as a Session Chair in 2nd world summit on Advances in Sciences, Engineering and Technology" held at Indiana University - Purdue University - Indianapolis, USA on 3-5 Oct'19.
- △ Dr. Syed Ibrahim S P had delivered a talk on Big data Analytics at Saveetha Engineering College on 31st Oct'19.
- △ Dr. Suganya G had served as a resource person for AICTE sponsored FDP on Machine learning and Deep learning on real stream analytics at Mepco Schlenk Engineering College, Sivakasi on 14th Nov'19.
- △ Dr. Viswanathan V had served as a resource person for AICTE sponsored FDP on Machine learning and Deep learning on real stream analytics at Mepco Schlenk Engineering College, Sivakasi on 14th Nov'19.
- △ Dr. Pradeep Kumar T.S had served as a resource person for an STTP on IoT and Edge computing on 21st Nov'19.
- △ Dr. Rajalakshmi acted as a resource person for the Faculty Development Programme on Computational Intelligence at St. Joseph's Institute of Technology, Chennai on 17<sup>th</sup> Dec'2019.

# Gallery



# Gallery



"Talent wins games, but teamwork and intelligence win championships." --*Michael Jordan*

