

**JERUSALEM COLLEGE OF ENGINEERING, CHENNAI-100**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**JUNE 2015 - MAY 2016**

**ACHEIVEMENTS & ACTIVITIES**

**1. PUBLICATION OF PAPERS IN JOURNALS**

- **Dr.C.R.Rene Robin**, published a paper “**Defying XDOS against XML web services in cloud environment using modified SOA and cloud guard**”  
International Journal of Applied Engineering Research, Vol.10, No.75,Page No: 46-51, ISSN 0973-4562
- **Dr.C.R.Rene Robin**, published a paper “**Community Discovery: Comparative Survey Between Page Rank, Hits, Salsa And Heigen**”, Elysium Journal of Engineering Research and Management, Volume - 2, Issue – 3, Page No: 1-4, ISSN 2347-4408
- **Dr.G.Geetha**, published a paper “**Confidential and Efficient Query Services for Data Sharing in Cloud with E-mail Filtering**”, International Journal of Applied Engineering Research, Vol.10 N0.33, ISSN 0973-4562.
- **Dr.G.Geetha**, published a paper “**Swarm Intelligence Integrated Graph-Cut for Liver Segmentation from 3D-CT Volumes**”, The Scientific World Journal (Hindawi Publishing Corporation), Vol.2015, Page No: 1-12, ISSN: 1537-744X (Online).
- **Dr.R.I Minu**, published an article “**CIMTEL Mining Algorithm for Big Data**” in International Journal of Engineering and Technology (IJET), Vol.7 No 5 Oct-Nov 2015, Page No. 1709 - 1715, ISSN: 0975-4024.

- **Dr.R.I Minu**, published an article “**Multimodal Fuzzy Ontology Creation and Knowledge Information Retrieval**” in Proceedings of the International Conference on Soft Computing Systems, Volume 398, Dec.2015 of the series Advances in Intelligent Systems and Computing, Page No: 697-706,ISBN 978-81-322-2672-7 .
- **Dr.R.I Minu**, published a paper “**Fuzzy Ontology Based Multi-Modal Semantic Information Retrieval**” in Elsevier Procedia of Computer Science, Volume 48, Page No: 101-106, ISSN: 1877-0509.
- **Maya Eapen**, published a paper “**Swarm Intelligence Integrated Graph-Cut for Liver Segmentation from 3D-CT Volumes**”, The Scientific World Journal (Hindawi Publishing Corporation), Vol.2015, Page No: 1-12, ISSN: 1537-744X (Online).
- **Dr.G.Geetha**, published a paper “**Ontological Based Interoperability and Integration Framework for Heterogeneous Weather**”, Revista Tecnica de la Facultad de Ingenieria Universidad del Zulia, Vol.39, Page No: 185-192, ISSN: 0254-0770, January 2016.
- **Dr.G.Geetha**, published a paper “**Computerized Liver Segmentation From CT Images Using Probabilistic Level Set Approach**”, Arabian Journal for Science and Engineering, Volume 41, Issue 3, pp 921-934, ISSN: 2191-4281, March 2016
- **Dr.G.Geetha**, published a paper “**Cloud Based Healthcare Monitoring System Using Wearable Sensors**”, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), Volume No: 21 Issue 3 ,Page No: 177 -180, ISSN: 0976 – 1353, April 2016.

- **Mrs.Maya Eapen**, published a paper “**Computerized Liver Segmentation From CT Images Using Probabilistic Level Set Approach**”, Arabian Journal for Science and Engineering, Volume 41, Issue 3, pp 921-934, ISSN: 2191-4281, March 2016
- **Dr.R.I Minu**, published a paper “**Geometric Structured Driven SAR Image Registration And Feature Extraction**”, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), Volume 21 Issue 3,Page No: 172 -176,ISSN: 0976 – 1353,April 2016.
- **Dr.R.I Minu**, published a paper “**Multimodal Fuzzy Ontology Creation And Knowledge Information Retrieval**” in Springer's Advances in Intelligent Systems and Computing ,Vol.368 ,Page No: 697-706,ISBN 978-81-322-2672-7, 2016
- **Dr.R.I Minu**, published a paper “**Hybrid Genetic Algorithm for Medical Image Feature Extraction and selection**” in Elsevier's Procedia Computer Science, 2016
- **Mrs.Priyapackialatha**, published a paper “**Minimizing Service Delay And Preserving Privacy for a E-Health Monitoring System Using Geo Distributed Cloud**” in International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), Volume No: 21 Issue 3 ,Page No: 186 - 189, ISSN: 0976 – 1353,April 2016.
- **Maya Eapen**, published a paper “**Lung Nodule Segmentation From CT Scan Images**”, in International Journal of Emerging Technology in Computer Science

& Electronics (IJETCSE), Volume No: 21 Issue 3 ,Page No: 147 - 150, ISSN: 0976 – 1353, April 2016.

- **Mrs.R.Vanitha**, published a paper “ **An Effective Classifier for Thyroid Disease Diagnosis**”, in International Journal of Science and Innovative Engineering & Technology, Page No: 1-5, 2016.
- **Mrs.P.Indumathy**, published a paper “**Smart Moving Entity Capturing Mechanism in Transportation System**”, in International Journal of Innovative Research in Science Engineering and Technology, Vol. 5, Issue 5, Pg.No:6824-6833,ISSN: 2319-8753, May 2016.
- **Mrs.Shiny Duela J**, published a paper “**Smart Moving Entity Capturing Mechanism in Transportation System**”, in International Journal of Innovative Research in Science Engineering and Technology, Vol. 5, Issue 5, Pg.No:6824-6833,ISSN: 2319-8753, May 2016.

## **2. SEMINARS / WORKSHOPS / CONFERENCES / FDP ATTENDED BY THE FACULTY**

- Dr.G.Geetha, attended a Two day Workshop “**Big Data and Cloud Tools**” on 31/07/2015, 01/08/2015 at MIT Campus, Anna University, Chennai.
- Dr.C.R.Rene Robin attended a seminar “**Elsevier Connect Seminar**” on 04/11/2015 at Chennai.
- Dr.C.R.Rene Robin presented a paper “A Novel Predictive Model to Improve Academic Performance using Hadoop” in the International Conference on Mathematical Computer Engineering on 14/12/2015 and 15/12/2015,Page No: 22-24.at VIT University, Chennai.

- Ms.Priyapackialatha, attended a Two day Workshop “**Big Data and Cloud Tools**” on 31/07/2015, 01/08/2015 at MIT Campus, Anna University, Chennai.
- Ms.Vanitha Sheba, attended a FDP “**Advanced Data Structures**” on 15/10/2015, 16/10/2015, 17/10/2015 at SSN College of Engineering, Chennai.
- Mrs.PriyaPackialatha, attended a Three day Workshop “**Cloud and Grid Computing Laboratory**” on 5/5/2016 to 07/05/2016 at SRR Engineering College, Chennai.
- Mr.Usama Abdur Rahman, attended a Three day Workshop “**Cloud and Grid Computing Laboratory**” on 5/5/2016 to 07/05/2016 at SRR Engineering College, Chennai.
- Mrs.R.Vanitha, attended DST, Govt. of India sponsored 10 days training programme on “**Big Data Analytics**” on 27/4/2016 to 07/05/2016 at Velammal Institute of Technology, Chennai.
- Ms.T.Saranya, attended Learning from Campus initiative programme on “Train the Trainer” on 18/5/2016 to 20/05/2016 at Tech Mahindra, Chennai.
- **Dr.C.R.Rene Robin** presented a paper “An Effective Grouping Mechanism To Improve Students’ Academic Performance” in the National conference on intelligent computing and data analytics (NCICDA), at Anna University, Chennai on 24/03/2016 and 25/03/2016.
- **Sadagopan.S** presented a paper “Generic Verifier Model for Shared Data with Efficient User revocation and Collusion Resistance” in the IEEE International Conference on Human Computer Interaction (ICHCI), at Saveetha University, Chennai on 10/03/2016 and 11/03/2016.
- **Dr.G.Geetha** presented a paper “Intelligent Query Placement Strategy for Progressive-Real Time Analytics in Big Data” in the 10th International

Conference on Intelligent Systems and Control (ISCO 2016), at Karpagam College of Engineering, Coimbatore on 07/01/2016 and 08/01/2016.

- **Mrs.N.Priya** presented a paper “Intelligent Query Placement Strategy for Progressive-Real Time Analytics in Big Data” in the 10th International Conference on Intelligent Systems and Control (ISCO 2016), at Karpagam College of Engineering, Coimbatore on 07/01/2016 and 08/01/2016.
- **Mrs.Jaishanthi B** presented a paper “**An Efficient Multimedia Transmission Using Cross-Layer Scheduling Scheme In a Multi-Hop ORN**” in the International conference on Communication and Signal Processing,at Karpagam Adhiparasakthi Engineering College,Chennai on 06/04/2016 and 08/04/2016.

### **3. SYMPOSIUM / CONFERENCES / WORKSHOPS / SEMINARS ORGANIZED BY THE DEPARTMENT**

- The department organized seminar “.NET Framework” on 21/07/15.
- The department organized seminar “**Importance and Benefits of GATE**” on 03/07/15 and 21/07/15.
- The department organized seminar “**Career guidance in Management education**” on 18/08/15.
- The department organized seminar “**Benefits of IEEE Certification**” on 16/10/15.
- The department organized Bridge Course Programme “Digital Signal Processing, Artificial Intelligence, Design and Analysis of Algorithm, Micro Processor and Micro Controller” between 27/01/16 to 29/01/16.
- The department organized Faculty Fellowship Programme “ICT Enabled Education Pedagogy” on 01/02/16
- The department organized a Skill Development Programme on “Trending Technologies” on 02/02/16
- The department organized seminar on “Operating System for Mobile Computing” on 11/02/16
- The department organized seminar on “JAVA Cloud” on 17/02/16
- The department organized seminar on “MBA Aspirants” on 10/02/16

- The department organized a Two Day Workshop on “Android App Development” on 19/02/16 and 20/02/16
- The department organized seminar on “Awareness Program on CAT” on 27/02/2016
- The department organized seminar on “Study Abroad Programme” on 08/03/2016
- The department organized seminar on “Newspaper-a Learning Tool” on 11/03/2016
- The department organized a **Orientation programme** on “IBM-TGMC” on 11/03/2016
- The department organized one day **mass workshop** on “Celebrating Kalam” on 22/3/2016.
- The department organized one day faculty empowerment programme on “Use of Digital and Free Open Source Tools in Teaching Learning” on 18/05/2016

#### **4. FACULTY AS A RESOURCE PERSON /CHAIR PERSON IN SEMINARS /WORKSHOPS/CONFERENCES**

•Dr. G.Geetha was the resource person and delivered a guest lecture on “Theory of Computation” conducted by Velammal Engineering College, Chennai on 21/07/2015.

•Dr. G.Geetha was the resource person and delivered a guest lecture on “Adhoc Networks” conducted by Velammal Engineering College, Chennai on 31/08/2015.

#### **5. FACULTY AWARDS**

- Mr.S.sadagopan was awarded “Best Teacher Award” by Jerusalem College of Engineering on 18/04/2016

#### **6. LIST OF UNIVERSITY RANK HOLDERS**

##### **U.G Programme:**

- Priyanka secured 36<sup>th</sup> rank

##### **P.G Programme:**

- Sabarina K secured 36<sup>th</sup> rank
- Saranya B secured 38<sup>th</sup> rank
- Saranya R S secured 46<sup>th</sup> rank

## **7. STUDENTS ACHIEVEMENTS**

- R.Gunam of IV CSE and Subil of II CSE has got through GRE Exam.

## **8. ACTIVITIES OF THE STUDENTS**

1. M.E CSE students have published 9 papers in various National and International Conference
2. II Year and P.G students of CSE has participated in One Day Workshop on Women Entrepreneurship at Anna University, Chennai.
3. Subil Abraham of II year has participated in a workshop on Creative Coding at Anna University, Chennai & has won the First Place in Dream Weaver in the National Level Technical Symposium at SA Engineering College.
4. 6 Students of II Year CSE has participated various technical events, organized by reputed institutions.
5. M.G. Aishwarya of II CSE has won the first place in Chennai District Karate Championship.
6. P.Hariprasath of II CSE Has participated in the Relay Skating Expedition organized by Tamil Nadu Speed Skating Association.
7. R.Gunam of IV CSE has got 3<sup>rd</sup> prize in Paper Presentation, 1<sup>st</sup> Prize in Java Programming, 1<sup>st</sup>Prize in Canvas, 2<sup>nd</sup> prize in Debugging in the technical symposium organized by St.Peters College of Engineering, Chennai.
8. Krishna Prashanth of IV CSE has got 2<sup>nd</sup> and 3<sup>rd</sup> prize in Paper Presentation at MNM Jain College of Engineering and Meenakshi Sundarajan Engineering College, Chennai. He has secured 1<sup>st</sup> prize in coding, 3<sup>rd</sup> prize in web designing at Sakthi Engineering College. He won the 2<sup>nd</sup> prize in Mock Interview at RMD Engineering, College. Also he has got 1<sup>st</sup> prize in paper presentation at Velammal Institute of Technology, Madurai.
9. Murali, Venkateswaran, Ganesh of III Year CSE are undergoing Internship Program at MavJay Solutions Pvt. Ltd., Chennai.

## **9. INDUSTRIAL VISIT/EDUCATIONAL TOUR**

- Final Year CSE students went for Industrial Visit to ISRO, Sriharikota on 05/08/15.



- II Year CSE students went for Industrial Visit to BSNL, Maraimalainagar on 08/09/2015