



M.I.E.T ENGINEERING COLLEGE
Trichy Pudukkottai Road, Trichy-7

COMPUTER SCIENCE & ENGINEERING

2016-2017



VOLUME -2

ABOUT US:

The Computer Science and Engineering department was started in 1998 and the first batch graduated in 2002. The department offers B.E., M.E courses. The Department has a comprehensive curriculum of Anna University on topics related to all aspects of Computer Software with an emphasis on practical learning. The course structure is up-to-date and includes courses on nascent topics to equip our students with the latest developments. The department has dedicated, qualified and experienced faculty members with specialization in various fields of knowledge.

VISION

To attain excellence in Computer Science and Engineering field so as to address societal problems through active research, maintaining ethical standards.

MISSION

- To empower with technical skills to solve the real time problems through interdisciplinary approach.
- Expose to international ethical practices.
- Provide personality development for an effective leader and individual member of a team.

ACTIVITIES BY OUR FACULTIES:

Higher degree awarded

- **Dr.D.Yuvaraj** Associate Professor of CSE received his Ph.D degree from Anna University, Chennai in January 2017 on the title “**Some Investigations of enhancement of content based image retrieval**”.

Promoted to Higher Designation

- Dr.D.Yuvaraj, Associate Professor of CSE has been promoted as Professor on 01-03-17.

CONFERENCE/ WORKSHOP/ SEMINARS PARTICIPATED BY THE FACULTY MEMBERS

- **Dr.K.Geetha**, Professor has published a paper entitled “**Optimization of SVM parameters and feature selection using gravitational search algorithm**”, in Institute of Integrative Omics and Applied Biotechnology (IIOAB) - ISSN: 0976-3104.

- **R.Senthamil Selvi**, Associate Professor has published a paper on “**An improved fire fly Heuristics for efficient feature selection and its Application in Big Data**” in the International Journal of Medical Sciences, ISSN:0970-938X in special issue -April 2017.

- **S.Mohana**, Assistant Professor has

presented a paper on “**Heuristics For Privacy Preserving Data Mining: An Evaluation**” in the International Conference **ICAMMET 2017** on 16.02.2017 to 18.02.2017 at Bharath University Chennai.

- **Mrs.S.Shanmugapriya** has presented a paper in the International Conference on the title “**Robust cell detection of histopathological brain tumour images using segmentation and edge detection**” in March 2017 at Ranganathan Engineering College, Coimbatore.

- **S.Shanmugapriya** has published a paper in the International Journal of Advanced Research in Management Architecture Technology and Engineering on “**Improved algorithms to identify images in underwater**” in April 2017.

- **S.Shanmugapriya** has presented a paper in the International Conference on the title “**Survey on Identification of Brain Tumor using Medical Image Segmentation and Edge Detection**” in April 2017 at Indira Ganesan Coleege of Engineering,Trichy.

- **B.Rama** has presented a paper titled **Robust Algorithms for Proficient Scrutiny of Deterioration in Computer Networks** in the International Conference

on Electrical Sciences (ICES 2K17) organized by SNS College of Technology, Coimbatore on March- 9,2017 and it has been published in International Journal of Research Science and Engineering (IJRSE).

- **M.Jilsath Begam**, Assistant Professor has published a paper on “**Fast and Efficient Data Storage on Cloud using HyRD**” in the International Conference **RTCT 2017** on 03.03.2017 at SSMIET, Dindigul.

- **S.Mohana**, Assistant Professor has presented a paper on “**A novel approach for protecting the user walls in the online social network**” in the International Conference on Improving IT Project Management and other IT Processes on 07.04.2017 in Singapore organised by Singapore computer society.

- **A.Joshua Issac** has presented a paper entitled “**Randomness covert common Routing Metadata at KERMAN Algorithm in MANET**” on 17.03.2017 at Ranganathan Engineering College, Coimbatore.

- **Dr.K.Geetha**, Professor has delivered a guest lecture on **Artificial Intelligence** in Indira Ganesan College of Engineering, Trichy on 24.01.2017.

- **Dr.K.Geetha**, Professor, has acted as a Chairperson for the Paper Presentation session in the International Conference on **Computing, Communication and Automation** in Indra Ganesan College of Engineering, Trichy.

- **R.Senthamil Selvi**, Associate Professor, has attended a two day workshop on “**Hands on training workshop on Mobile Application Development**” in TRP Engineering College on 06.02.2017 & 07.02.2017.

- **S.Mohana & S.Shanmugapriya**, Assistant Professor, have attended a two day workshop on “**Hands on training workshop on Mobile Application Development**” in TRP Engineering College on 06.02.2017 & 07.02.2017.

- **A.Barveen, G.Nalinakeerthana and G.Megala** have attended two days FDP on “**Python Programming**” at Saranathan College of Engineering, Trichy on May 5th & 6th 2017.

SEMINAR/WORKSHOP CONDUCTED BY THE DEPARTMENT

The Department organized a one day guest lecture on **Internet of Things** on 30.01.2017. The Chief Guest Mr.M.K.Muhammed Ilyas, Founder and CEO, Altsense-Chennai delivered a Lecture

on the internetworking of physical devices like vehicles , buildings and other items embedded with electronics, software,sensors, actuators, and network connectivity that enable these objects to collect and exchange data. He also gave a brief introduction on the application of IOT in Media, Environmental monitoring, Infrastructure management, Manufacturing energy management, Medical and healthcare, Building and home automation, Transportation, Metropolitan scale deployments and Consumer application.



Seminar on IOT

- The Department organized a One Day Workshop on **Android** on 6th January 2017 for the Government Polytechnic Students, Sethurappatti Trichy & 11th January 2017 for Seshasayee Institute of Technology (SIT), Trichy-10. Nearly 130 students of Diploma in Computer Science and Diploma in Electronics and communication participated.

In the workshop the Overview of Android, Environment setup, Architecture, Application Components, Organizing & Accessing the resources, Fragments, Location Based Services were discussed and students were taught to develop Android Applications on their own.

From the workshop the students were familiar with new User Interface Components & tried to apply Java Programming Concepts to Android application development.



Polytechnic students in the **Android workshop**

- The Department organized a One Day Workshop on **C and C++** on 7th January 2017 for Government Higher Secondary School, Ilangakuruchi, Manapparai, Trichy. Totally 60 students participated. Prof D.Yuvaraj HOD welcomed the gathering.
- An overview of **C and OOPS concepts** were discussed and students were taught to develop C Programs on their own. The sessions were handled by

Mr.M.K.Mohamed Faizal, Mrs.A.Barveen, , Mrs.G.Megala, and Mr.S.Manikandan, Assistant Professors of the department.



Students of SIT attending the Lecture

SYMPOSIUM -TISCA'17

The Department of Computer Science and Engineering & Information Technology conducted a National Level Technical Symposium – **TISCA'17** on 24-02-2017.

Er. A. Mohamed Yunus, Chairman, presided over the function. Dr.S.Guharaja, Principal, felicitated the gathering and Dr.D.Yuvaraj, HOD, presented the annual report and released the Newsletter.

Mr.A.Manoharan, Deputy General Manager, Scientific publishing services (p) Ltd, Trichy, delivered the Inaugural address.



**The Principal and HOD presenting
Memento to the Chief Guest**

He specified the importance of updating the skills other than the regular academic activities and the necessity to improve the softskills.

Many events were organized throughout the day in which the students from various Engineering colleges actively participated. Our students displayed many models, related to the current era, in the symposium.

Mr.A.Manoharan, General Manager, Scientific publishing services (P) Ltd, Trichy and **Dr.K.Geetha**, Professor/CSE were the Jury for the Paper Presentation. The Chairman, The Principal and the Chief Guest inspected the models and congratulated the students. Finally the winners were awarded with Certificates and Cash prizes.

**CONFERENCE/ WORKSHOP /
SYMPOSIUM / ATTENDED BY THE
STUDENTS:**

- **A.Rahamath Tulla** and **J.Mohamed Kalith** have presented a paper in the International Conference on the title “**Randomness covert common Routing Metadata at KERMAN Algorithm in**

MANET” on 17.03.2017 at Ranganathan Engineering College, Coimbatore.

- **M.Asmath Haseena** and **A.Backiyalakshmi** have presented a paper in the International Conference on the title “**Behavioral Biometrics Integrated Smartphone for Implicit Authentication”** on 17.03.2017 at Ranganathan Engineering College, Coimbatore.

- **P.R.Krithika** has presented a paper in the International Conference on the title “**Dynamically Passing One Time Password Authentication using Multimedia”** on 17.03.2017 at Ranganathan Engineering College, Coimbatore.

- **K.Jamal Yaseen**, **S.M .Mohamed Yousuf** and **A.Mohamed Sultan** have presented a paper in the International Conference on the title “**An Andorid App for Specially Able People using SE(Signed English) Keyboard”** on 17.03.2017 at Ranganathan Engineering College, Coimbatore.

- **B.Parvin Sulthana Begam** and **R.S.Nandhini** have presented a paper in the International Conference on the title “**Efficient identification of currency and passage for visually impaired using android application”** on 17.03.2017 at Ranganathan Engineering College, Coimbatore.

- **M.Abdul Basith** and **C.Olivanan** have presented a paper in the International Conference on the title “**Double Encryption Splitting Algorithm using ECC**” on 17.03.2017 at Ranganathan Engineering College, Coimbatore.

- **F.Rachel Debby** of third year won II Prize and First prize in Technical quiz and Coding & Debugging in MAR College of Engineering on 10.03.2017.

- **A.Francis Santhanaraj** and **S.H.Mohammed Farhan** of third year have won 1st Prize in Mobile Application Development contest in MAR College of Engineering on 10.03.2017.

- **J.Monica Mary** , **S.Nafeela** ,**P.Puvima** and **M.Priyanka** of final year CSE has attended one day hands on workshop on “Mobile Game Development, Virtual Reality in Robotics, 3D Modelling” which was organized by Academia Scientist on 12.02.2017.

- **R.S.Nandhini** of final year CSE has undergone her Internship Training in Infosoft Technology Solutions, Coimbatore from 04-01-2017 to 13-01-2017.

DEPARTMENT OF CSE

Chief Editor : **Dr.D.Yuvaraj**
Editors : **S.Mohana**
M. Jilsath Begum
Students members : **F.Rachel Debby**
A.Francis Santhanaraj
G.Sivanesan

