



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

**COMPUTER SCIENCE
& ENGINEERING**

2017-2018



VOLUME -1

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.S.Mohana** AP/CSE received her Ph.D degree from Anna University,

Chennai in August 2017 on the title “ A Novel feature Selection technique for Privacy Preservation in data Mining using Memetic Approach”.

Reviewer for the Journals

Dr.K.Geetha, Professor, reviewed many papers for two Journals.

National Level Certification(NPTEL):

- **Mrs. S. Shanmugapriya, Mrs. A. Barveen** Assistant Professor, CSE has secured Elite certificate on the course titled “**Computer organization and Architecture**”
- **Mrs.G.Megala**, Assistant Professor, CSE has secured Elite certificate on the course titled “**Theory of Computation**”
- **Mrs.G.NalinaKeerthana**, Assistant Professor, CSE has secured Elite certificate on the course titled “**Programming in C++**”
- **Mrs.B.Rama**, Assistant Professor, CSE has secured Elite certificate on the course titled “**Introduction to Programming in C**”.

WORKSHOPS/SEMINARS/FDP ATTENDED BY THE FACULTY

- **Dr.K.Geetha**, Professor has attended a one day workshop on “**Ethical Hacking/Cyber Security**” at Ozone Cyber Security on July 9th 2017.
- **A.Joshua Issac & B.Bazeer Ahamed** have attended two days workshop on “**Programming with Python**” at **KPR Institute of Engineering & Technology, Coimbatore** on August 11th & 12th 2017.

- **A.Barveen, S.Shanmuga Priya, G.Megala** have attended two days Seminar on “**Medical Image Informatics**” at **KLN College of Engineering, Madurai** on August 20th & 21st2017.

- **A.Barveen , S.Shanmuga Priya & G.Megala** have attended seven days FDP on “**Compiler Design**” at **KINGS College of Engineering, Thanjavur** from December 11th to 17th of 2017.

- **Dr.K.Geetha, R.Pradeep, B.Rama, P.Christopher, M.K.Mohamed Faizal, M.Jilsath Begum, R.Deepa, P.Manikandan, S.Manikandan and S.Selva Shanthi** have participated in Two day ISRO sponsored National level Seminar on “**Tera Hertz Communication: Next Frontier for Wireless Communication**” at **M.I.E.T Engineering College** on 18th and 19th August 2017.

CONFERENCE/PUBLICATION

- **B.Bazeer Ahamed** has published a paper on “**Predict Keyword Based Search Process using Semantic Method**”, in International Journal of Control Theory and Applications, Mind Reader Publications 0.17, Vol 10,No.16,pages 316-322

- **S.Shanmugapriya** has published a paper on “**Survey on Identification of Brain Tumor Using Medical Image Segmentation and Edge detection**”, in Advances in Natural and Applied Sciences, AENSI Publication ; July-2017 pages 297-305.

- **Dr.K.Geetha** has published a paper on the title “**Securing Patient data in Wireless Body area Sensor Network using Biometrics based key generation**” in the International Journal Current Medical Imaging Reviews. **Volume 13 , Issue 3 , Aug 2017.** DOI: 10.2174/1573405613666161121121115.

- **S.Shanmugapriya** has presented a paper entitled “**Enhanced mutual authentication system in mobile cloud environment**”, on International conference on Internet of Things and challenges at **Vel Tech IT Tech Dr.Rangarajan Dr.Sagunthala Engineering College, Chennai** on 14 & 15th Dec 2017.

POLICE TRAINING PROGRAM

One day training programme for police trainees has been conducted by **A.Barveen, G.NalinaKeerthana, G.Megala, S.ShanmugaPriya, B.Rama and M.Jilsath begum** for 6 days.

GATE AWARENESS PROGRAM

We conducted “**GATE AWARENESS**” program, where we trained our students for **GATE EXAMINATION 2018-19** in association with **T.I.M.E.**

ACTIVITIES BY OUR STUDENTS:

National level Certification:[NPTEL]

Rachel Debby F, Mohamed Farhan S.H, of Final year CSE and **Hariharan G,** of third Year CSE student have secured Elite certificate on the course

titled “**Internet of Things**” in the academic year 2017-2018 Odd.

Technical Events

Hisam Zahid.M, Syed Ijaz.J of III CSE have won First prize on Codera Event in Technical Symposium conducted at Anjalai Ammal Mahalingam Engineering College on 31st Aug 2017.

Ramakrishnan.M, Hariharan.G of III CSE have won First prize on Debugging Event in Technical Symposium conducted at Anjalai Ammal Mahalingam Engineering College on 31st Aug 2017.

Nataraj.J.S, Syed Abdul Razak.M of III CSE have won Second prize on Codera Event in Technical Symposium conducted at Anjalai Ammal Mahalingam Engineering College on 31st Aug 2017.

Nataraj.J.S of III CSE has won Second prize on Debugging Event in Technical Symposium conducted at Anjalai Ammal Mahalingam Engineering College on 31st Aug 2017.

Iniyavan.M of III CSE has won Second prize on Outlast Event in technical Symposium conducted at TRP Engineering College on 8th Sep 2017.

Hariharan.G of III CSE has won the prize in Ethical Hacking competition conducted at TPH Company on 29 & 30th July 2017.

SPOKEN TUTORIAL

The Spoken Tutorial Project is about teaching and learning a particular

FOSS (Free and Open Source Software) developed by IIT BOMBAY and has conducted online exams on various courses.

INDUSTRIAL VISIT

To provide the original taste of “**Software Methodology**” to the students, we organized an Industrial Visit for the third year students on 20-07-17 to Elysium group of companies, Madurai which creates innovative web-site for well-known companies.

The Second year students have attended Industrial Visit on 03-08-2017 on “**Software Methodology**” to Elysium group of companies, Madurai.

For constructing a bridge between students great ideas and its implementation, We organized an Industrial Visit for the final year students on “**Development of Software**” to Purple Pro InfoTech (PPIT), Coimbatore.

SYMPOSIUM / SEMINAR / GUEST LECTURE/WORKSHOP ORGANIZED

Value added course on **Hardware and Networking** was conducted in Computer Science and Engineering department for final year students. The course started on 5th July 2017 and end up with 20th July 2017(5.00 pm to 6.30 pm). The course was handled by **Mr.Vivek, CEO, Ozone Cyber Security**. In this Value added course students learnt Networking History and Evolution, Network Architecture and Design, Network components design and functions, Types of Networks, Cabling and

Trouble shooting, Open Systems Interconnection (OSI) Reference Model, etc.,. Students felt that the value added session on Hardware and Networking was very much handy for them and they got the idea of the Networking.

Value added course on **Python Programming** was conducted in Computer Science and Engineering department for III year students. The course started on 16th May 2018 and end up with 20th May 2018. The course was handled by **Mr. M. Shanmuganathan, Managing Director, Vedha technology**. The students learnt concepts of Python interpreter and interactive mode; values and types: int, float, boolean, string, and list; variables, expressions, statements, precedence of operators, comments, Control Flow, Functions, Strings, Lists, Tuples, Dictionaries, Files and exception: text files, reading and writing files, format operator errors and exceptions, handling exceptions, modules, packages, etc.,. Students felt that the value added session on Python Programming was very much informative.

P. Mahalakshmi, Senior Software Engineer, Green Soft Technologies, Trichy delivered informative and thought provoking lecture on **“Web Development Techniques”** on 19-08-17 for III year students.

Dr. P. Sudhakaran, Prof & Head of CSE in Oxford Engineering College, Trichy inspired every student by exploring the content on **“IO systems and Memory**

Technologies” on 11-09-17 for II year students.



One day workshop on **“Mobile App Development”** was organized. Mr. Manohar, CEO, Greensoft Technologies, Trichy handled the session. The students got benefitted and it is an eye opening session for the students.

One day workshop was organized on the title **“Bulky Storage and Triggering”** on 25-09-17.

Dr. E. Sivasankar, AP/CSE, NIT, Trichy handled the session. The students gained the importance and methods of data storage and usage.



DEPARTMENT OF CSE

Chief Editor : **Dr.D.Yuvaraj**

Editors : **B.Rama**
A.Barveen

Students members : **R.Preethi**
R.Manivel
G.Durgadevi
M.Iniyavan

