



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

COMPUTER SCIENCE & ENGINEERING

2018-2019



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

Thesis Evaluation

Dr.V.Chandrasekar, Professor, evaluated two Ph.D Thesis from Karpagam Academy of Higher Education.

Reviewer for the Journals

Dr.K.Geetha, Professor, reviewed many papers for Journals and the International Conference.

National Level Certification (NPTEL):

Mrs.A.Barveen, **Mrs.G.Megala** Assistant Professor, CSE has secured Elite certificate on the course titled “**The Joy of Computing using Python**”

Mr.M.K.Mohamed Faizal, Assistant Professor, CSE has secured Elite certificate on the course titled “**Cloud Computing**”

Mr.P.Christopher, Assistant Professor, CSE has secured Elite certificate on the course titled “**Introduction to Internet of Things**”

Mrs.B.Rama, Assistant Professor, CSE has secured Elite certificate on the

course titled **“Computer Networks and Internet Protocols”**

Workshops/Seminars/FDP attended by the Faculties

Mr.M.Mohamed Faizal & Mr.P.Ramesh have attended one week FDP course on ICT academy sales force(Cloud storage tool) at Saranathan Engineering College, Trichy from 23-07-18 to 27-07-18.

Mr.A.Joshua Issac & Mr.P.Manikandan have attended two days Faculty Development Program on **“Introduction to Python Programming”** on 23-11-18 and 24-11-18 at Kongunadu College of Engineering and Technology,Trichy.

Dr.K.Geetha, B.Rama and S.Manikandan have attended five days Faculty Development Program on **“Hadoop”** from 11-12-18 to 15-12-18 at Periyar Maniammai Institute of Science and Technology, Thanjore.

Conference / Publications

Dr.K.Geetha & B.Rama have published a paper on the title **“An Enhanced Multi Hop Low Energy Adaptive Clustering”** in the Global Journal of

Engineering Science and Researches, ISSN 2348 – 8034, in December 2018.

M.K.Mohamed Faizal and P.Christopher have published a paper on the title **“Exchanging Secure Data in Cloud with Owner Authorization and Verification”**, in the International Journal of Research in Electronics and Computer Engineering ISBN/ISSN Number 2348-2281 in December 2018.

R.Deepa, P.Thenmozhi & L.John Ritchie Immanuel have published a paper on the title **“Multivariant execution environment against code injection attacks”** in the International Journal of Research in Electronics and Computer Engineering ISBN/ISSN Number 2348-2281 in December 2018.

P.Ramesh & S.Manikandan have published a paper on the title **“A Zoned Node Interconnection for the Optimization and Implementation of Two Adaptive Routing Algorithms for XGFT Networks”** in the International Journal of Research in Advent Technology ISBN/ISSN Number 2321-9637in December 2018.

P.Christopher & P.Manikandan have published a paper on the title **“Structured Representations in a Content**

Based Image Retrieval Context” in the International Journal of Research in Advent Technology ISBN/ISSN Number 2321-9637 in December 2018.

CERTIFICATE OF MERIT

The following faculty members have produced 100 percentage results in the Anna university examination held during April 2018. **Mrs.A.Barveen, Mr.R.Venkatesan, Mr.P.Manikandan, Mr.P.Christopher.** They received the merit certificate from the Principal and the Head of the Department.

INDUSTRIAL VISIT

On 18-07-18, the department organized an Industrial Visit on **“Development of Software”** to Purple Pro InfoTech (PPIT) which is a fast growing organization who offers a wide variety of services to match business organization who offers a wide variety of services to match business needs and having 8 years of experience in Medical equipment providing. Students accompanied by faculties P.Manikandan, R.Venkatesan, A.Barveen, G.Megala and we believe that was a sparkle

for great future entrepreneurs.



The second year CSE students accompanied by B.Rama, R.Deepa, P.Ramesh and M.K.Mohamed Faizal to the same company in the first week of August 2018.

To develop the student’s Technical skill to meet out with respect to industrial perspective, we organized the Industrial Visit for III students on 25-07-2018 for **“Website Design and Development and necessity of Optimization in current trends”** to Lansa informatic Pvt Limited, Coimbatore. Faculty members S.Shanmugapriya, M.Jilsath Begum, S.Manikandan and P.Christopher guided the students in all aspects.



SYMPOSIUM / SEMINAR / GUEST LECTURE ORGANIZED

Seminar was organized on “**Ethical Hacking**” on 07/08/2018 for the Final year students . An expert in Ethical hacking, **Mr.Vivek, CEO of Ozone Cyber Security, Kerala** has delivered a lecture and also shown a live demonstration about how ethical hacking was done . Students benefitted by understanding how ethical hacking benefits many organizations computer and individual system by providing security with effective manner before the attack takes place. He also specified the WannaCry ransomware attack which was happened on May 2017 the worldwide cyber attack by the WannaCry ransomwarecryptoworm, which targeted computers running the Microsoft Windows operating system by encrypting data and demanding ransom payments in the Bitcoin cryptocurrency.



Hands on Training by the expert

Seminar on “**Realization of AWT and Swings in JAVA**” on 19-07-2018 for the second year CSE Students. **Mr.Saravana Raman, M.Tech,(Ph.D), Associate Professor/HOD, Department of Computer Science & Engineering, Shri Angalamman College of Engg & Tech., Trichy** was the key note speaker for the session. He fashioned awareness among students about the learning of Java software, Abstract Window Toolkit and Swings.



Expert handling the session

Seminar on “**Web Services and application Protocol**” on 29-09-2018 for the Third year CSE Students. **Mr.A.Ramsankar M.E., Senior Associate Cognizant, Coimbatore** was the key note speaker for the session. He exemplified about the need and the significance of Web services and AJAX and also he conferred the applications and placement questions and scope of java and J2EE.



Speaker addressing the students

ACTIVITIES BY OUR STUDENTS:

National Level Certification (NPTEL):

NPTEL has been offering self-study courses across engineering, humanities and science streams for more than a decade. The following Students acquired certificate through NPTEL online exam.

Totally 21 students of second, third and final year CSE have successfully completed their courses and out of 21, four students **S.Kaviyarasu, A.Nasira Parveen,**

N.Mohamed Vasim and **M.Hizam Zahid** have secured Elite certificate on the course titled “**Internet of Things**” and **R.Kabil** has secured Elite certificate on the course titled “**Programming in C++**” in the academic year 2018-2019 Odd.

PAPER PRESENTATION

R.Ramela and **H.Riyaz Ahamed** of III CSE have presented a paper on the title “**Laser Unprinter**” in Mookambigai College of Engineering on 28th September 2018.

G.Uma Shankar and **S.Mohamed Anzar** of III CSE have presented a paper on the title “**Optical Pixel Bugger 7**” in Mookambigai College of Engineering on 28th September 2018.

V.Prasana and **M.Revathi** of III CSE have presented a paper on the title “**Virtual Route Tracking using ICMP Protocol - Block chaining concept**” in Mookambigai College of Engineering on 28th September 2018.

TECHNICAL EVENTS

S.Farjana Fathima and **A.Roshini** of III year CSE have won 3rd prize in ANIME in Technical Symposium (Kshatriyah’18) conducted at Anjalai

ammal- Mahalingam College on 1st Sep 2018.

V.Prasana and S.Mohamed Ansar of III year CSE have won 3rd prize in Crack the code(TECXPLO'18) in Technical Symposium conducted at Mookambigai College of Engineering on 28th Sep 2018.

A.Roshini of III CSE has participated in the Innovate Technical Contest, Quiz, Prog'C in the One Day National Intercollege Fest Smart Era'2K18 at K.Ramakrishnan College of Engineering on 23rd Aug 2018.

V.Prasana of III CSE has participated in the Innovate Technical Contest, Quiz, Prog'C in the One Day National Intercollege Fest Smart Era'2k18 at K.Ramakrishnan College of Engineering on 23rd Aug 2018.

P.Akilan, M.Mohamed Asik and R.Aravindhana of III year CSE have participated in the one day workshop on 'IOT using Raspberry Pi' at Mount Zion College of Engineering and Technology on 29th Aug 2018.

M.Mohamed Asik of III year CSE has participated in the event 'Brain Storm' and 'ANIME' in Technical Symposium

(Kshatriyah'18) at Anjalai Ammal Mahalingam College on 1st Sep 2018.

S.Farjana Fathima, S.Nivetha, M.Mohamed Asik, M.Ahamed Yunus Khan and K.Mohamed Bilal of III year CSE have participated in the Technical Symposium (SMASH'18) at Khadir Mohideen College, Adirampattinam on 8th Sep 2018.

A.Priyanka and S.ShameenaArasi of III year CSE have participated in the one day workshop on IOT at PSG iTech, Coimbatore on 28th Sep 2018.

S.Amrutam Sunil, V.Prasanna, M.Arif Mohammed , H.Riyaz Ahmed and S.Mohammed Ansar of III year CSE students have attended a Seminar on "Digital Transformation and it's Impact on Careers of Engineers" at Imayam College of Engineering on 10th Oct 2018.

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.

In IV CSE 51 students have attended the PHP and MySQL online exam in the month

of October, in which 42 students were E-Certified for successful completion.

In III CSE, 46 students have attended the Java online exam in the month of October, in which 24 students were E-Certified for successful completion.

In II CSE, 39 students have attended the Java online exam in the month of October, in which 17 students were E-Certified for successful completion.



DEPARTMENT OF CSE

Chief Editor : **Dr.V.Chandrasekar**

Editors : **B.Rama**
M.Jilsath Begum

Students members : **L.Nivethini**
A.Ummal Bajria
S.Vasanth
V.Prasana

