# SCMS
## School of Engineering & Technology

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## VISION

To achieve academic excellence in creating globally competent professionals and ethically strong global workforce in the field of Computer Science & Engineering, facilitating research activities, catering to the ever changing industrial demands and societal needs.

## MISSION

**M1:** Creating excellence in     Computer Science  & Engineering through academic professionalism for the changing needs of the society.

**M2:** Establishing centre of excellence for research and for technical development in the area of Computer Science & Engineering.

**M3:** Developing communication skill, team work and leadership qualities for continuing education among the students, through project based and team based learning.

**M4:** Inculcating ethics and human values for sustainable societal growth and environmental protection.

**M5:** Empowering students for employability, aspiring higher studies and to become entrepreneur.

## PROGRAM EDUCATIONAL OBJECTIVES

- **PEO 1.** Apply computer science theory blended with mathematics and engineering to model computing systems.
- **PEO 2.** Nurture strong understanding in logical, computing and analytical reasoning among students coupled with problem solving attitude that prepares them to productively engage in research and higher learning.
- **PEO 3.** Communicate effectively with team members, engage in applying technologies and lead teams i industry.
- **PEO 4.** Engage in lifelong learning, career enhancement and adapt to changing professional and societal needs.

## STUDENTS ACHIEVEMENTS

Akshay P. Suresh and Arun Sen Nedumparambil, eighth semester students got placement offers from Honest Co. Ltd., an international software manufacturer and distributor in Japan. Earlier, Akshay and Arun Sen were selected to undergo an IT study tour with internship programme in Japanese language and Ruby programming language at Shimane National University in last January.



Akshay P. Suresh and Arun Sen Nedumparambil, with Mr. Yukihiro Matsumoto, founder of the Ruby Programming Language, at Shimane National University, Japan.

## PLACEMENT NEWS

Anirudh S P of seventh semester got placed at UST Global.

# AUGUST 2018

## STAFF ACHIEVEMENTS

**Dr.Varun G.Menon invited to host webinar:**
Dr.Varun G.Menon, Associate Professor and Head of International Collaborations at SSET were invited to host a webinar titled 'How are Predatory Publishers Preying on Uninformed Scholars? Don't Be a Victim' by one of the leading publishers in the world, IGI Global, USA. IGI Global is partnered with reputed universities like MIT, Harvard, Stanford, Cambridge, Oxford, Tsinghua, Australian National University and the like.

## SEMINARS, CONFERENCES AND WORKSHOPS ATTENDED

Ms. Nimmi K. and Ms. Gayathri S. Warrier, Assistant Professors attended a six-day short term training programme on 'Python Programming and Machine Learning Basics' organised by the Department of Computer Science and Engineering at Sahrdaya College of Engineering and Technology, Kodakara, Thrissur from July 9 to 14.

Ms. Sreeja Rajesh, Assistant Professor and Ms. Asha Jacob, Lab Instructor, attended five-day Faculty Development Programme on 'Industrial Robotics: Platform, Algorithms and Techniques' conducted by e-Yantra and funded by MHRD under National Mission for Education using ICT, IIT Bombay, at FISAT, Mookanoor from July 16 to 20.

## *SEPTEMBER 2018*

⟫ ## SEMINARS, CONFERENCES AND WORKSHOPS ATTENDED

Dr. Varun G. Menon and Ms. Sonal Ayyappan, Associate Professors, attended the Faculty Enablement Programme on Foundation Programme 5.0 at St. Joseph Engineering College, Mangalore from August 6 to 10.

## *OCTOBER 2018*

⟫ ## STAFF ACHIEVEMENTS

Dr.Vinod P, Professor & HOD completed his Post Doctoral research programme from Security & Privacy Research Group (Spritz Research Group), headed by Dr. Mauro Conti, University of Padua, Italy. He was working in the ongoing European Union (EU) H2020 project TagItSmart-Smart Tag Driven Service platform for enabling ecosystems for connected objects.

## ⊃ SEMINARS, CONFERENCES AND WORKSHOPS ATTENDED

Dr. Vinod P, Professor & HOD, participated in the 7th International Conference on Advances in Computing, Communications and Informatics (ICACCI), held at PES Institute of Technology, South Campus, Bangalore, Karnataka during September 19 to 22.

## *NOVEMBER 2018*

## ⊃ STAFF ACHIEVEMENTS

**Dr. Varun  G. Menon Selected As ACM Distinguished Speaker:**
Dr. Varun G. Menon, Associate Professor, has been selected as Association for Computing Machinery (ACM) Distinguished Speaker. The selection is based on his contributions as a speaker for International audience in past three years. Dr. Varun G. Menon also received the Publons Top Reviewer Award 2018. The award is based on his contributions as a reviewer for Scopus and SCIE indexed journals in the year 2017-18.

## ⊃ PLACEMENT NEWS

54 students from BTech, MTech and MCA got placed at Infosys limited. 131 students from college got selected by Infosys Limited.

## ➢ PAPER PUBLICATIONS

Ms. Sreeja Rajesh, Assistant Professor, published a paper 'Secure Thought transfer and Processing use Novel-T Algorithm' in BCPT (Basic & Clinical Pharmacology & Toxicology) Journal, Wiley Blackwell publisher with SCI and SCIE indexing and impact factor 2.65 , along with Dr. Sunil Jacob, Director-Centre for Robotics and Dr. Varghese Paul. https://onlinelibrary.wiley.com/doi/10.1111/bcpt.13100Paper ID#: E222.

## *DECEMBER 2018*

## ➢ STUDENTS ACHIEVEMENTS

Jebbin Joseph and George M. Thottan, seventh semester students, were invited to join the TCS Blockchain Team as an outcome of the idea they presented and a simulation they demonstrated in the Blockathon Competition at TCS, Infopark, Kakkanad held on October 5.

Arun Sen N., Akshay P.S. and Akash Joseph Antony, 2018 passed out batch students completed their internships at Shimane University, Japan.

Abhiram T., fifth semester student, won a prize in a quiz competition conducted as a part of an exhibition 'Touching Everyone's Life', on November 13 at Renai Kochi.

## PLACEMENT NEWS

### TCS



AARATHY MENON    ANANYA    ANIRUDH S P    ANJITHA BAIJU    ATHIRA S MENON

CHITHRAMOL S S    CLEMENT DAVIES    GEORGE M THOTTAN    HELEENA JOY    JEBBIN JOSEPH

### EXPERION



ASWATHY A

## SEMINARS, CONFERENCES AND WORKSHOPS ATTENDED

Ms. Dhanya K.A, Ms. Nimmi K. and Ms. Deepasree Varma, Assistant Professors, attended KDISC's Block Chain Programme TTT at ICT Academy of Kerala, Infopark, Koratty from November 7 to 9.

## PAPER PUBLICATIONS

'A Machine Learning Based Approach to Detect Malicious Android Application Using Discriminant System Calls' by Dr. Vinod P, got accepted in Elsevier Journal Future Generation Computer Systems with an impact factor of 4.639 (Tier 1) in collaboration with Prof. Mauro Conti (University of Padua, Italy) and Prof.AkkaZemmari (University of Bordeaux, France).