

Department of Information Technology, TIST

Achievements on 2021 – 2022

TIST receives Special Appreciation Award for the Best ISTE Student Chapter in Kerala

The ISTE Student Chapter of Toc H Institute of Science and Technology received a Special Appreciation Award for the Best Student Chapter of the Indian Society for Technical Education (ISTE), Kerala Section.

Dr Rasmi P. S (Chairman, Toc H ISTE Chapter), Tessa Alex (Toc H ISTE Student Coordinator) and Ms Benila Anoop received the award from Dr Vijayakumar K (Former Director of Technical Education and ISTE Kerala Section Chairman) at the 20th ISTE Annual State Students' Convention and Award Ceremony conducted on 8th January at Government Engineering College, Kannur.



Student Achievements

Ms Tessy Alex of 2018-'22 Batch received ISTE Best Student Member Award.

KSCSTE Funded Projects

Project 1: “BREAST CANCER DETECTION USING DEEP CONVOLUTIONAL NEURAL NETWORKS AND SUPPORT VECTOR MACHINES”

A new methodology for classifying breast cancer using deep learning and some segmentation techniques are introduced. A new computer aided detection (CAD) system is proposed for classifying benign and malignant mass tumors in breast mammography images. In this CAD system, two segmentation approaches are used. The first approach involves determining the region of interest (ROI) manually, while the second approach uses the technique of threshold and region based.

Project Investigators: Dr. Rasmi PS

Team Members: Athul George, Fiona Albert, Solitha Mathew (2017 Admission)

Toc H INSTITUTE OF SCIENCE & TECHNOLOGY

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KSCSTE FUNDED PROJECTS-2021

KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT

Information Technology 2017-'21 Batch Student Projects

Congratulations!

A Computer Aided Breast Cancer Detection System Using Deep Convolutional Neural Network and Support Vector Machine

SOLITHA MATHEW **ATHUL GEORGE** **FIONA ALBERT** **DR. RASMI P S**

Student Investigators Principal Investigator

Real-Time Crowd Size Monitoring Using Open CV and IoT

ANJALIMOL K B **DEVIRA RAJ** **ROHITH S MENON** **ASST. PROF. AJEESH G KRISHNAN**

Student Investigators Principal Investigator

Toc H Kochi

Information Technology

Project-2: “REAL TIME CROWD SIZE MONITORING USING OPEN CV AND IOT “

The project is implemented using Open CV along with camera, system (PC), MQTT, dashboard and a buzzer. The advantage of this project is to analyse the status of the crowd by using graphical representation with time on x-axis and the number of people on the y-axis.

Project Investigators: Asst.Prof. Ajeesh G Krishnan

Team Members: Anjalimol KB, Devika Raj, Rohith S Menon (2017 Admission)

Google Cloud ACE Certified Students

Ten students from Semester-VII (2018 admission) has successfully graduated the **Google Cloud ACE Certified Students** (Associate Cloud Engineer) **by asap** (associated with the CSE department).

DEPARTMENT OF INFORMATON TECHNOLOGY



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

