NEWSLETTER

NOVEMBER 2017-18

COLLEGE OF ENGINEERING KARUNAGAPPALLY

Department of Computer Science and Engineering

www.ceknpy.ac.in/departments/computerengineering

The aim of the Computer Science & Engineering Department is to generate high calibre computer engineers to meet the global demands. The CSE Department offers premier professional training with an eye on the modern development in Computer Science offering 4 year B.Tech degree course in Computer Science & Engineering and 2 year MTech course in Computer Science with specialization in Image Processing. The curriculum is harmonically tuned with today's hardware and software industry.

The department owns versatile and powerful computing facilities.The department has well experienced faculty members with post graduate and doctoral qualifications from prestigious institutions with many national and international publications. They are regularly updating their skills by attending and organizing seminars, workshops, faculty development programs in their areas of specialization. They are representing different academic bodies. The department has been taking initiatives for the preparation and revision of UG and PG curriculum of APJ Abdul Kalam Technological University. Many students of this department show keen interest in participating inter and intra institute/university technical, non technical and sports events.

CECIA

Association of Students and faculties of Department of Computer Science and Engineering, College of Engineering Karunagappally

DIRECTOR'S MESSAGE

Dr. P. Suresh Kumar
Director
director@ihrd.ac.in

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I am extremely happy to know that College of Engineering Karunagappally is bringing out its first edition of newsletter and this is going to be an ongoing process portraying the various academic as well as non academic activities of the campus. College of Engineering Karunagappally though young in terms of its year of establishment has grown beyond bounds and today it stands as one of the premier institutes in the realm of technological education.

I congratulate the team of faculty members and students of College of Engineering Karunagappally and wish success in all your future endeavours.

PRINCIPAL'S MESSAGE

We provide education in a scholarly environment to produce World class Engineers for converting global challenges .We are committed to have an environment which provides placement opportunities to our students and enriched knowledge base to our students and faculty. We encourage co-operation, team work and competitive spirit.I wish all our students and faculty a successful and rewarding career. The quest for knowledge continues and hopefully the programmes go on with the best for the development of the students in all the technical and non-technical vistas. Today we have embarked on our new venture of publishing the College of Engineering Karunagappally newsletter to showcase all our activities curricular as well as co-curricular and is indeed a new leap in showcasing our development.

With best wishes,
Dr. Jaya V.L

Dr.Jaya V L
Principal
principal@ceknpy.ac.in

HOD'S MESSAGE

Dr. Binu V P
HOD
binuvp@ceknpy.ac.in

Welcome and best wishes to all the friends of the Department who receive this Newsletter. It has been an interesting and busy semester for members of the Department. This internal newsletter is one of the ways in which we can disseminate information on the life of the Department The past semester was full of various activities by the students and faculty in academic, co-curricular, extra-curricular as well as research & developments. I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace.

DEPARTMENT NEWS

VISION

Transform individuals into professionally competent and socially committed Computer Engineers.

MISSION

Enlighten the individuals with the advancements in computing through innovative teaching learning methodologies.

Motivate the students for creative interaction with industry and for the active involvement in co-curricular and extracurricular activities.

Impart research culture among faculty and students for the advancement of state- of- the- art technologies in computer science and related disciplines.

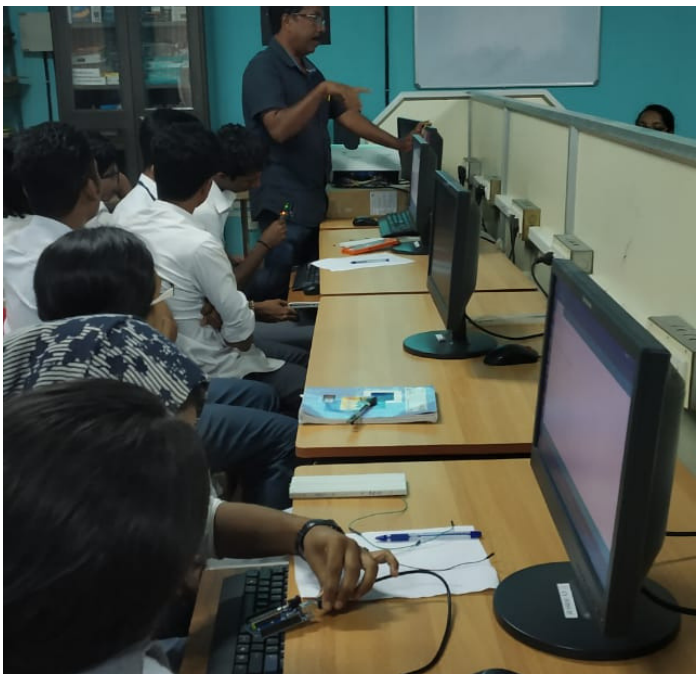
Inculcate ethics and social values in individuals to transform them into responsible citizen.

FACULTY

7	Regular Faculty
6	Clinical / Research Faculty
5	Adjunt Faculty

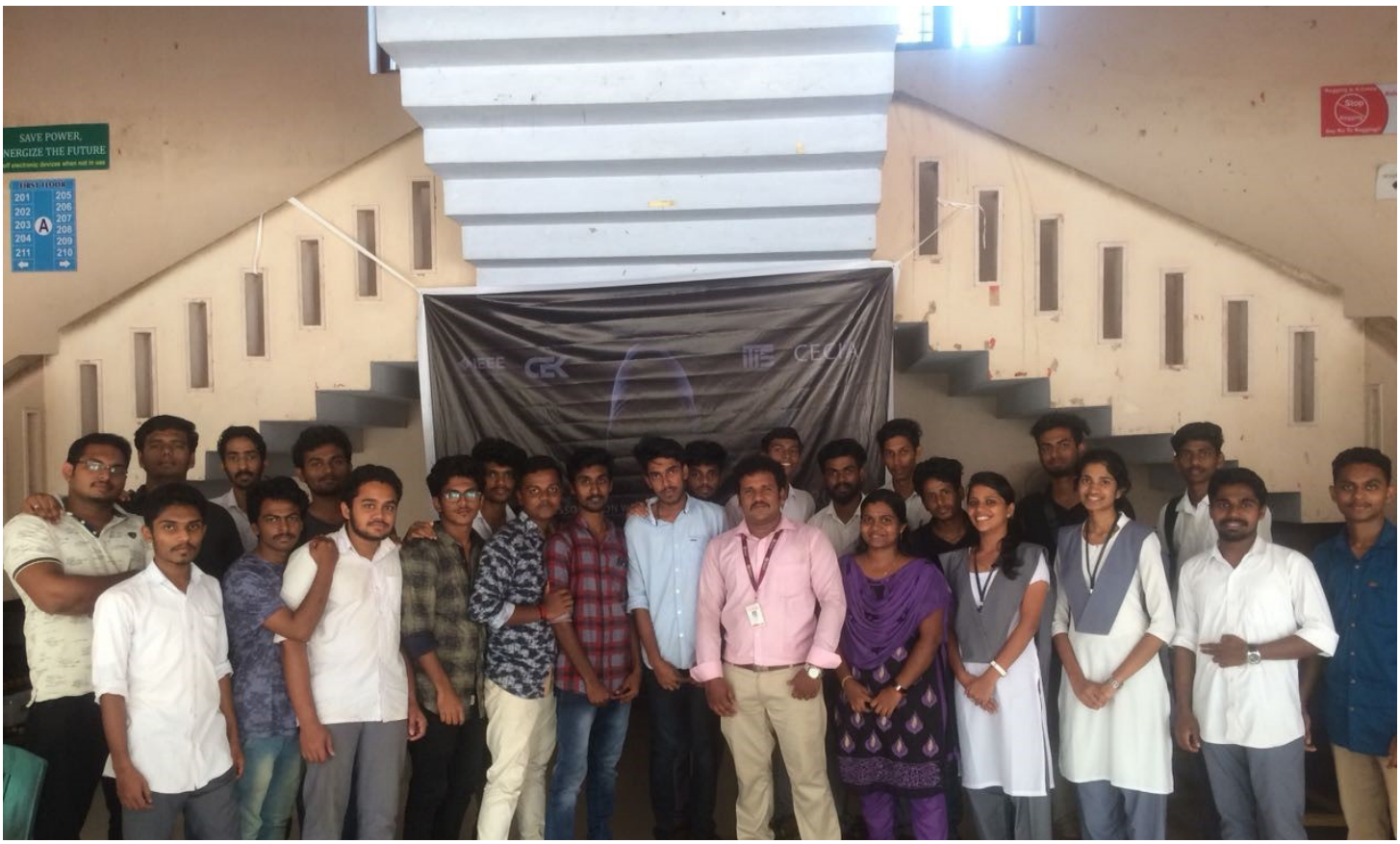
WORKSHOPS

Arduino is an open-source hardware and software company, project and user community that designs and manufactures single-board microcontrollers and microcontroller kits for building digital devices and interactive objects that can sense and control objects in the physical and digital world.The Arduino project started in 2003 as a program for student professionals to create devices that interact with their environment using sensors and actuators. The Department of computer science organized a workshop on arduino programming, which was conducted by HiGbec on 2nd August 2018 to 4th August 2018.



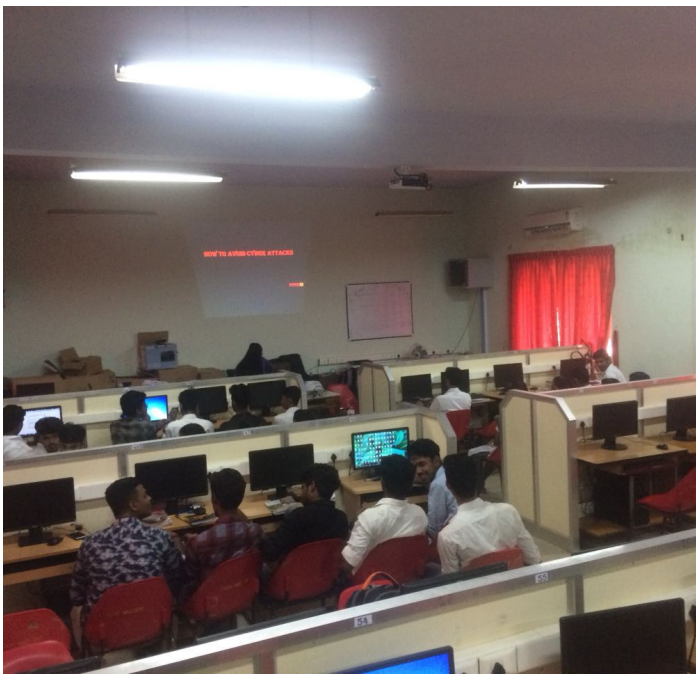
WORKSHOP ON

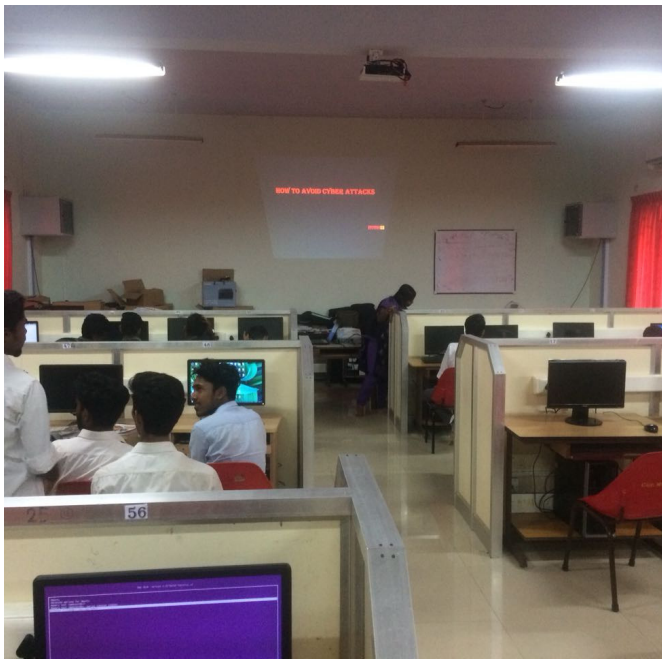
An ethical hacker (also known as a white hat hacker) is the ultimate security professional. Ethical hackers know how to find and exploit vulnerabilities and weaknesses in various systems—just like a malicious hacker (or a black hat hacker). In fact, they both use the same skills; however, an ethical hacker uses those skills in a legitimate, lawful manner to try to find vulnerabilities and fix them before the bad guys can get there and try to break in The IEEE SB CEK and CECIA organized a workshop on Ethical Hacking, which was conducted on 24 March, 2018.



WORKSHOP ON

Web development is the work involved in developing a web site for the Internet (World Wide Web) or an intranet (a private network). Web development can range from developing a simple single static page of plain text to complex web-based internet applications (web apps) electronic businesses, and social network services. A more comprehensive list of tasks to which web development commonly refers, may include web engineering, web design, web content development, client liaison, client-side/server-side scripting, web server and network security configuration, and e-commerce development.The CECIA organized a workshop on Web development, which was conducted by Mr.Emmanual Biju (S6 CSE) on 1st February, 2018 and it was followed by web design competition.





PROJECT PROPOSALS

DEVELOPEMENT OF FULLY AUTOMATED INDIGENOUS SOFTWARE FOR EFFICIENT KARYOTYPING FOR CHROMOSOME ABNORMALITY

REMYA R S
Associate Professor
Dept. of CSE

ABDUL JALEEL
AKHIL DEV
AMBUJAKSHAN NAIR
ABHIJITH S

SMART ELECTRONIC VOTING MACHINE WITH UID AND BIOMETRIC SECURITY

SECURE PUBLIC TRANSPORTATION FOR WITH BIOMETRIC SECURITY

SHAHID HASEEM C
SHERIN CHERIAN
JAYARAJ NR
ARJUN PV

SREEJITH R
HARIKRISHNAN R
AKSHAY KRISHNAN
RIYA RAFEEK
MEGHA AJAY

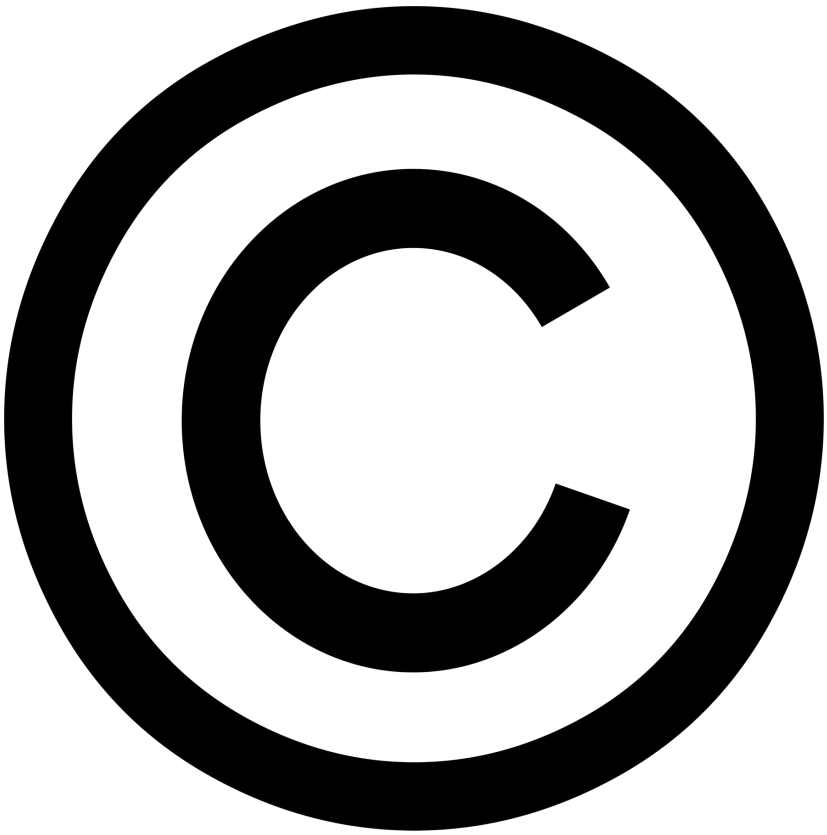
RESCUE DRONE

OUR ACHIEVEMENTS

OVERALL CHAMPIONS DAKSHA 2K18

The college gives equal importance to academic and non academic areas. DAKSHA, college Arts festival is conducted every year . In order to ensure the maximum participation from every student and to inculcate in them a spirit of competition, all the students are grouped into three association groups. Each group is headed by respective chairman's. In Daksha 2k18 the former chairman Mr. Kurian Jacob lead the CECIA to victory.

THANK YOU



DESIGNED WITH ♥

AKSHAY KRISHNAN
SHAHID HASEEM C
SREEJITH R
JAYARAJ NR

DEPT. COMPUTER SCIENCE AND ENGINEERING
COLLEGE OF ENGINEERING KARUNAGAPPLLY