



KUMARAGURU
college of technology
character is life

NEWSLETTER

COMPUTER SCIENCE & ENGINEERING

SILICON MAGIC

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DEPARTMENT ASSOCIATION EVENTS

Tech Quiz Event

Tech quiz was conducted on 23rd April 2019 by Department of Computer Science and Qubate club of Kumaraguru College of Technology & Engineering at Swamy Vivekananda Seminar hall at 5.00PM till 6.40PM. There were two rounds. Preliminary round is a written type of round. 6 teams were selected from preliminary round and had a tough competition in finals. The rounds were conducted by J.S Aathish-Vikram and Vinu. We had a good feedback from the participants about our event. There was a tuff competition between the teams in three rounds of the finals. Aadhitya and team secured the first prize and Nithyaprakash and team were runners. Prize vouchers were awarded to the winners and runners



No. of teams participated: 10

No. of participants: 25

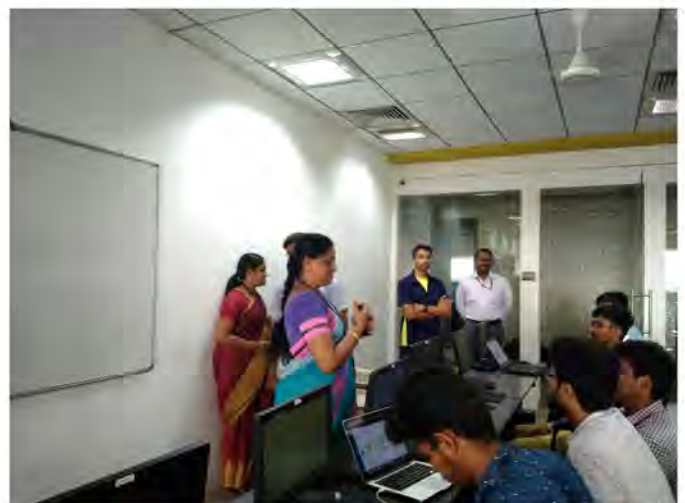
Winners of Tech Quiz: Aadhithya and team

Runners of Tech Quiz: Nithyaprakash and team

Artificial Intelligence Project Expo

On 24th April 2019 about 35 projects in AI domain that were done by students of third year CSE were exhibited to academic and industry experts. They were mentored by the experts in the morning session and afternoon session the projects were evaluated. The project exhibition was highly useful to the students and they active participation.

Faculty Coordinator:
Ms.K.Saranya



SMART INDIA HACKATHON 2019

Smart India Hackathon 2019- Software Edition Grand Finale 2nd and 3rd of March 2019

The 3rd edition of the Smart India Hackathon (SIH) was organised by MHRD, AICTE, Doordarshan, I4C and Persistent systems on 2nd and 3rd of March 2019. SIH was hosted by Kumaraguru College of Technology as nodal centre. The arrangements for SIH-2019 at KCT were meticulously planned under the guidance of Dr.B.K.KrishnarajVanavarayar, Chairman, Sri.M.Balasubramaniam, Correspondent and Sri.Shankar Vanavarayar, Joint Correspondent and executed by a team headed by Dr.J.Senthil, Principal.

Forge Forward, which is one of the five Start-up Incubation Centres in the country chosen by the Department of Defence Production by the Government of India, promoted by Kumaraguru Institutions, provided the technical support to this event.

This hackathon was a 36-hour non-stop digital development competition. 27 teams from various States including Tamil Nadu participated. They worked on solutions to problems in maternal healthcare, child malnutrition, biometric encryption, automation and predictive analysis. These problems were sourced from DI Patna MSME, Human Welfare Association and Shanatha Sanofi.

The Chief Guest, Mr. Sandeep Tyagi, appreciated that SIH provided an excellent opportunity for students to bring about scalable technological solutions to benefit the society and the industry.

The Honorable Union Minister for HRD, Sri.Prakash Javadekar who interacted with the participants through video conferencing, proudly pointed out that India, as a country, has been contributing to global innovations and that SIH is a platform that will help students innovate and integrate their ideas to produce profitable products. He also added that engineering without experimenting isn't fruitful and that only practical applications can help individuals grow and develop cognitive skills.



Footnote: Chief Guest, Sri. Alok Prakash Mittal, Member Secretary of AICTE along with Prof.V. Raju, President, Kumarguru College of Technology interacting with participants during the hackathon session.

SMART INDIA HACKATHON 2019

SIH 2019 Hackathon event began with 27 student teams working to obtain the solutions for 7 problem statements. The progress of the 27 teams was meticulously monitored by 15 jury members with three panels of evaluation. The jury team included Sri. Alok Prakash Mittal, Member Secretary of AICTE, representatives of MSME, Start-up Entrepreneurs, Investors, Corporate executives and Doctors from Health care domain. Sri. Alok Prakash Mittal interacted with every team and encouraged them to aim for the best. The Jury team conducted the first round of in-depth evaluation of the solution approach to the problem, Impactness of the solution, technology and innovation aspects of their working prototype. Around 20 mentors were associated with the student team to provide continuous technical assistance.

Day 2 of SIH 2019 event started with a refreshing yoga session at 6.00 AM – 6.15 AM to benefit the participants. The second round of mentoring and evaluation was carried out at noon.

Ms.S.Indupriya,AICTE representative, Nodal center head for KCT SIH 2019, acknowledged that KCT managed to remain high on spirits right from the beginning. The students stepped into the last few hours of the contest and the environment intensified. She also voiced that the support they received from KCT was immense and very-well organised.

Prof.Alok Prakash Mittal, Member-Secretary, AICTE was the chief guest of the event and in his valedictory address he encouraged the participants for their innovative solutions in the 36 hour non-stop hackathon and praised them as the future ambassadors of India.



Footnote: Dr.J.Senthil, Principal of KCT releasing the brochure along with Dr. J. Cynthia Clement, HoD, Computer Science Engineering and Mr. Dinesh, Event Coordinator.

INDUSTRY INTERNSHIPS & CONSULTANCY

Industry Internships

To meet the industry requirements, final year students are encouraged to do internships in various industries. Nearly 72 students have been given internship offers in various reputed industries with stipended ranging from 10k to 40k per month.



Manju pavithra M

AMAZON



Priyadharshini B

AMAZON



Praagadish N

ROBERT BOSCH



Santhosh Kumar R

ZOHO

Number of Students undergoing Industry Internships : 72

Name of the Company	No. of Students Selected
DigitAge technologies, Bangalore	1
Bosch, Coimbatore	5
Zilker Technology, Chennai	2
Fourkites India Pvt Ltd, Chennai	1
Trimble technologies ,Chennai	2
Amazon, Chennai	2
ZOHO, Chennai	4
Valuelabs	1
Full Creative, Chennai	2
Infosys , Mysore	10

Consultancy and Services:

The department has faculty and infrastructure to carry out contemporary consultancy works, and the laboratories are equipped with modern instruments. In the past three years, Totally 41 projects were carried out as consultancy for both Government as well as Private sector industries and 28.60 Lakhs were generated as revenue through various projects.

Currently ongoing projects are listed below:

1. Development of Management Information System for ABT Food Dairy, Pollachi.
2. Development of Project Management Dashboard for Sakthi Group of Industries, Coimbatore.
3. Development of Prisoner Attendance Tracker and Block Discipline application for Puzhal Prison, Chennai.

STUDENT PLACEMENT DETAILS

- 83 students are placed during the academic year of 2018-2019.
- Many students have received offers from product companies.



Vidhyasagar U

FOURKITES
(16 L/Annum)



Esakkimuthu M

ZILKER
(6.5 L/Annum)



Bala Kowsalya G

ASTRA ZENECA
(4.6 L/Annum)



Manju pavithra M

AMAZON
(16 L/Annum)

Company Name	No. of Students Placed	Product/Service/Management
ZILKER	2	Product
ZOHO	5	Product
ASTRAZENECA	6	Product
TRIMBLE	2	Product
FOURKITES	1	Product
ROBERT BOSCH	10	Product
VALUELABS	1	Product
DATAZOIC	1	Service
AMAZON	2	Product
ERNST & YOUNG	1	Service
TCS	4	Service
CTS	27	Service
INFOSYS	10	Service
L&T INFOTECH	5	Service
ACCENTURE	10	Service

Total number of B.E./CSE(2015– 2019 Batch) Students placed so far: 83

Faculty Coordinator:
Mr.V.Senthilkumar

amazon



BOSCH



ONE CREDIT COURSES

Data Analytics with POWER BI:

One credit course "Data Analytics with POWER BI" had conducted for IV year B.Tech.-CSE, III year CSE and III Year IT students during February 2 and February 3, 2019 in the MAD laboratory of CSE department. The course provides knowledge on interactive visualizations with self-service business intelligence capabilities, where one can create reports and dashboards by oneself, without having to depend on any information from technology staff or database. The course was handled by the resource persons Mr. T.Arun Kumar, Team Lead, Cetas Information Technology, Chennai & Mr. G.Murugan, Senior Software Engineer, Cetas Information Technology, Chennai.



Key messages, outcomes, recommendations:

- The resource persons gave brief introduction about the need for Data analytics tools and its importance.
- They gave brief description about how to write queries for the database for retrieving needed information
- They guided the students in the installation of POWER BI tool in the lab.
- The resource persons helped the students how to create personalized dash boards and to publish reports securely
- They conducted written test for the students and they gave project titles to the students which has to be completed within 10 days.

Faculty Coordinator :

Dr.K.R. Baskaran, Ms.S.Nithya Roopa

EVENTS ORGANIZED IN THE DEPARTMENT

Parents Meet

The Department of CSE, organized the Parent – Teacher Meeting for the Even semester of the academic year 2018- 2019 on 13th April 2019 for CSE parents in Admin Block Seminar Hall from 10.00 AM– 1:00 PM. The objective of the one to one mentor parent meeting aims to create awareness in parents about the progress of their ward with his/her attendance status and assessment mark statements, involve them in his/her career building process. Around 200 parents attended the meeting and showed keen interest by actively taking part in the deliberation.



Publication Details

Journal Publication with Scopus Index: 06

Journal Publication by faculty: 14



FACULTY ACHIEVEMENTS

Ph.D Awards



Dr.D.Sathya AP II ,Dept. of CSE has successfully completed her Ph.D viva voce on the research work entitled "Enhancement of Data Security with reduced Energy Consumption in Wireless Sensor Networks" on 03 rd May 2019 under the guidance of Dr. P.Ganesh Kumar, Assistant Professor, Dept. of IT, Anna University Regional Campus, Coimbatore.

Lectures Delivered

- Mr.S.P.Siddique Ibrahim AP/CSE handled a session for MBA Students on the topic 'Data Analytics' on 14th March 2019 at Kumaraguru College of Technology.
- Mr.S.P.Siddique Ibrahim AP/CSE delivered a lecture on 'Concept of Market Basket Analysis' on 28th March 2019 for MBA Students.
- Dr.V.P.Sumathi CSE has been the resource person for the "Question Bank Validation" for the department of B.Sc. & BCA on 22nd January 2019 at PSGR Krishnammal College for Women.
- Dr.V.P.Sumathi CSE had conducted one day IoT workshop for PG diploma student placed in Cameron Industry, during 26th March 2019



FACULTY ACHIEVEMENTS



Ms.Syed Ali Fathima S J, Assistant Professor, Department of CSE, Kumaraguru College of Technology, Coimbatore won the Young Research Scholarship Award and attended the 2nd International Conference on Science & Technology Research and presented the paper entitled "Advent of Augmented Reality Experience in Retail and Online Shopping and its influencing significance in future" on 15-Mar- 2019 to 16-Mar- 2019 at The National University of Singapore Society (NUSS) The Graduate Club, Singapore organized by Eurasia Research.

FUND Received:

1. AICTE has sanctioned a fund of Rs. 7,01,000/- towards establishment of Skill and Personality Development Program for SC/ST students to Dr.J.Cynthia Prof&Head, Department of CSE.
2. Ms.Syed Ali Fathima S J, Assistant Professor, Department of CSE, Kumaraguru College of Technology, Coimbatore had received 300 USD from Scientific and Technical Research Association of Eurasia Research for presenting a research paper in an International conference held at The National University of Singapore Society (NUSS), The Graduate Club, Singapore.

ALUMNI CORNER



Rinik Aravinth V
(Batch 2014-2018)

Hey friends,

I was hired as Software Development engineer in Amazon. Java is the primary language I use here. We build services which are operating at very high scale and it serves multiple requests globally. Most of the services we build are distributed in nature and we make sure that it scales well for thousands of requests per second. Also when I was an intern I worked on machine learning project which was used to classify the incoming tickets for our teams.



Siddharth Selvaraj

Batch(20013-2017)

Master of Science in Computer Science and Engineering,
University at Buffalo, New York

Hey'all,

I am delighted to share some thoughts on what I feel is the next big thing in the field of technology.

I feel that Artificial Intelligence will be the next digital frontier. AI's miracles in the recent years like the robot Sophia, virtual assistants and self-driving cars look promising. It has also become a fashion for corporate strategy as companies boast about their AI acquisitions. Over the next decade, Artificial Intelligence won't replace managers, but managers who use Artificial Intelligence will replace those who don't. On that account, institutions should reshape their academic program with focus on Machine Learning because people with a graduate degree in AI will definitely be more attractive and appealing in the market. So, it's no wonder if Artificial Intelligence brings the second industrial revolution!

GLIMPSE OF VARIOUS EVENTS



Dr.Cynthia HoD/CSE Birthday Celebration on March 2019



Farewell Celebration of 2015-2019 batch



Farewell function of Ms.P.Betty



வணங்குகிறோம் வழிநடப்போம்
உங்கள் வாழ்க்கை - எங்கள் பாதை



KUMARAGURU

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CHARACTER IS LIFE


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