KiTE
Industry Embedded Education

NEWS LETTER
Department of Information Technology
KGiSL Institute of Technology
Jan 2018 Issue

DEPARTMENT VISION

To become a centre of excellence in education and research in the field of information technology by providing industry embedded education to the students for creating transformative impact on the requirements of nation.

DEPARTMENT MISSION

M1: To provide necessary infrastructure and facilities in a conducive environment for effective learning and smoother conduct of the program.

M2: To achieve effective teaching learning process by providing experienced, qualified and dedicated faculty members.

M3: To impart value based education to encourage the students towards higher education, research and development activities.

M4: To inculcate an attitude of self-learning, lifelong learning, problem solving ability, creative thinking, individual and team work with professional, ethical and moral values

M5: To prepare students for careers in industry, encourage entrepreneurship and mould them to take leadership for the betterment of the society.

MESSAGE FROM HOD

I am immensely joyful in appreciating those who worked round the clock, contributing their might, to bring forth this beautiful newsletter. The department has yet again added multiple feathers to its cap during this mid- year. The department has yet again added multiple feathers to its cap during this mid- year. The department has organized fair number of conferences, workshops and seminars during the months of July to January. Our students made us proud as always by excelling in academic and extra-curricular activities. It is indeed appreciable that we are working with great zeal to achieve our targets, whether they be academic or otherwise. I hope we work with same efforts round the year to create a better year for us as well as for the students. I urge all the students and faculty of this department to work towards the future for 'the future is won only by efforts of the present'.

WORKSHOPS

Product Based Development in Internet of Things Platform

Internet of Things is a new revolution of the Internet. A world where the real, digital and the virtual are converging to create smart environments that make energy, transport, cities and many other areas more intelligent. A device become a smart device is called IOT. In order to train the students Department of Information Technology conducted a workshop on IOT which was held for 6 days from 23.09.2019 to 28.09.2019. Mohamad Ali, from TwirlTact Technology Solutions Private Limited shared his knowledge on IOT to the students. The session was mind blowing, where the students were encouraged to do the projects.

Rapid Router - For Python Beginners

A Training Programme on Rapid Router has been organized by the department of Information Technology for two days from 30.07.2019 to 31.07.2019 for the Phython beginners. The workshop was handled by Mr.S.Rajasekaran AP/IT Mr.E.Joel Anandraj AP/IT. This training platform breaks down all barriers to learning by blending all the expert knowledge and hands-on experience needed, while enabling to advance without a headache, at the own pace. A total of 40 participants have participated in the same. Ability to identify the different steps of an execution and coding was explained. Python is a very versatile and easy-to-learn programming language with an extensive library of open tools allowing users to solve a variety of problems. Python has a rich ecosystem of libraries and tools for scientific computing and data science.
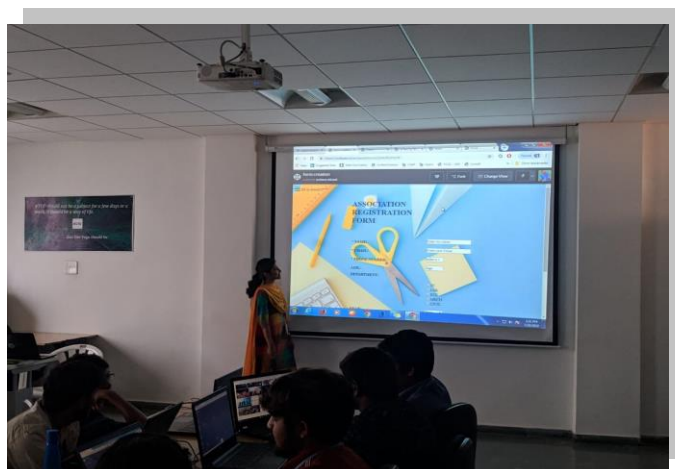
Product Based Development Using C Language

A workshop on Product Based Development Using C Language was organized by the department of IT, which was held for three days from 24.07.2019 to 26.01.2019.The session was taken over by Ms.Sheeba & Mr.Saravanan KGiSL - IT Finishing School, Coimbatore. The training was unique in that it includes extensive hands-on labs covering all aspects of the development process. Students therefore benefit from a complete learning experience which enables them to understand and implement the C concepts and consolidate their knowledge before returning to their daily curriculums. The session was interesting where students participated enthusiastically.
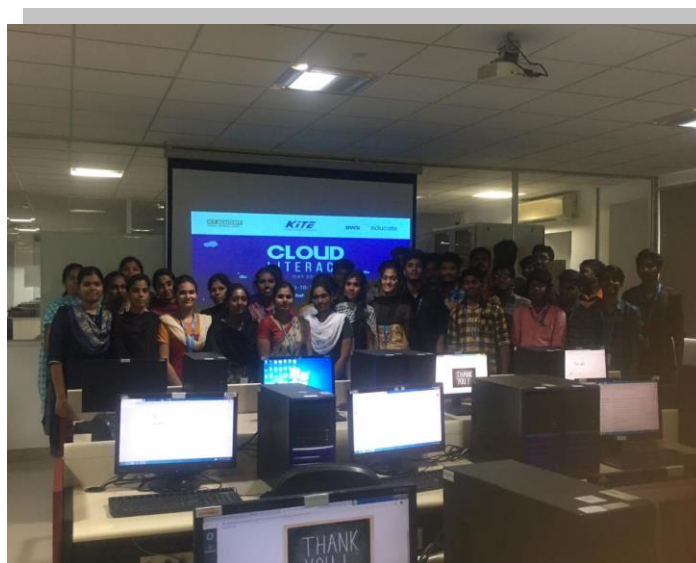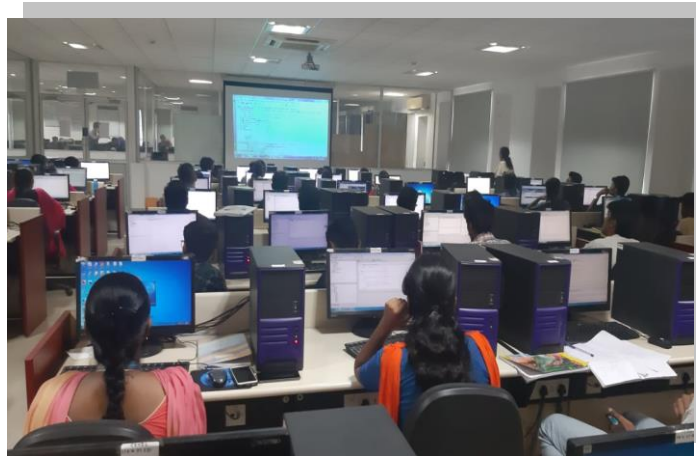

Product Based Web Development

A three day workshop "Product based Web Development" was conducted by the department of IT from 24-07-2019 to 26-07-2019. Web Designing is the process of creating websites. It encompasses several different aspects, including webpage layout, content production, and graphic design. While the terms web designing and web development are often used interchangeably, web designing is technically a subset of the broader category of web development. The workshop was useful to the students and was found interesting. The students were guided to develop the web pages including different aspects.

AWS Cloud Literacy Day

ICT Academy in association with AWS Educate is conducting Cloud Literacy Day 2019, to enable students to learn cloud technology skills. The program is conducted in different regions across India, where 2st and 3nd and 4th -year students of engineering institutions learn the course. The program is organized exclusively for all member institutions of ICT Academy across India, where the students learn the modules online through self-instructed videos and exercises and prove their cloud learning skills. By successfully completing the course, they will earn their first AWS Inventor Badge & AWS 101 Introduction to Cloud Computing.
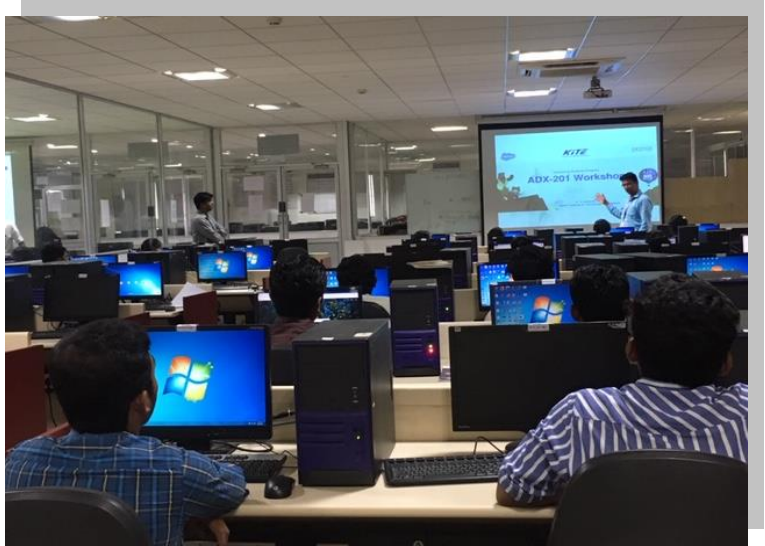
Salesforce ADX 201 Administrator workshop

Salesforce Admin certification training will empower the students to master the core administration features of Salesforce, the world's most popular cloud-based CRM tool. They will learn to implement, configure and manage Sales and Service Clouds, as well as implement automation, security, troubleshooting, user interfaces, customized apps and much more. This training will prepare them to pass the Salesforce Administrator task and provide a strong boost to the Salesforce career.

The Information Technology department from KGiSL KITE, in association with the ICT Academy organized the Salesforce ADX 2.0 Workshop in the campus for Six days. The students from Final year of the Information Technology, Computer Science and Engineering, Electronics and Communication Engineering and Mechanical Department participated in the Workshop. There were 50 students in total.

Women Empowerment Cell Inaugural Ceremony

Women Empowerment Cell (WEC) has been constituted to empower and uphold the rights of female members; faculty staff and students of College. The WEC works to promote value of equality in the college and conduct diverse programmes to educate, sensitize both male and female members and produce harmonious atmosphere on the campus. It works for the welfare of the students and faculty towards preparing them in to competent professionals to take up greater challenges in the academic sphere.

The Women Empowerment Cell from KGiSL KITE organized the Inauguration Ceremony in the campus. The girls students from First year and Faculties of all departments such as, Information Technology Computer Science and Engineering, Electronics and Communication Engineering, Civil Engineering participated in the Event. There were 100 students in total.
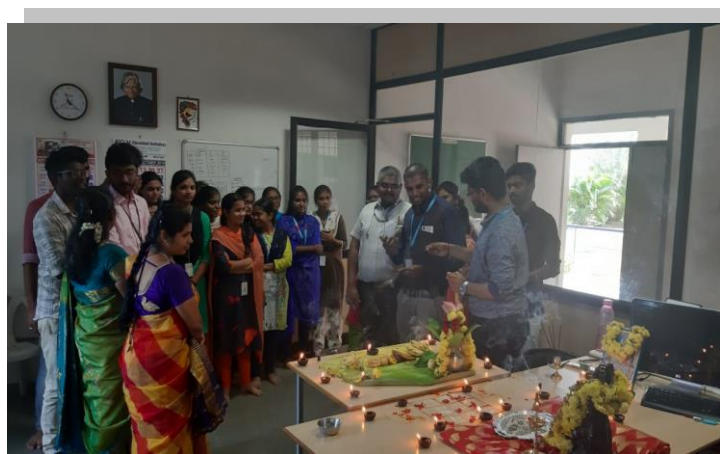
ONAM CELEBRATION

The Department of Information Technology Organized the celebration for ONAM. The programme began by displaying a beautiful Athappookkalam in the college quadrangle arranged by the students. Onam is a time to show off our vast cultural heritage and rich variety for all the Keralites who celebrate it with much vigor than any other festival. The KITE Onam Celebrations were held on the 10th of September 2019. Amidst great cheer and the cultural extravaganza witnessed a mass participation as never before. The event was attended by all the departments in KITE, and all the teaching and non-teaching staff of the college. The cultural programmes got underway after the inauguration. A massive 'Adapradhaman' was served for the entire college within the same 'quadrangle'. The staff and students enjoyed the sumptuous Onam feast which was served to them. The Pradhaman received much acclaim for the faculty and student community.

DIWALI CELEBRATION

Diwali celebration was organized by the faculties and students for the department. The event was held on 25.10.2019. As the name says "festival of Lights", Lamps were lighten everywhere in the department. The event started with the Lakshmi pooja, and with the deepa aarathi, and all were followed as per the custom to followed, then the sweets and snacks were offered. Once the pooja was over Sweets were distributed to all in the department and then to the entire teaching and non-teaching faculty. The event winded up with bursting crackers as the token of lighting the lamp. The students and faculties enjoyed and was appreciated by the Head of the Department for the effort put on.

Faculty Achievements

S.No	Name	Topic	Acheivement
1	Dr.Arun Chakravarthy	Framework for information management through step sequencer	Published paper in the International Journal of Advance Research, Ideas and Innovations in Technology
2	Mr.Sureshkumar C	Time of Development and Fitness Analysis of modified COCOMOII Model for Software Projects	Published paper in the International Journal of Recent Technology and Engineering
3	Dr.Arun Chakravarthy	Adaptive Radio Link Framework for Wireless Communications	Published paper in the International Journal of Recent Technology and Engineering
4	Mr.Sureshkumar C	An Intelligent Helmet System for Collision Avoidance by Altering the Two Wheeler Rider	Have received Patent from Intellectual Property India
5	Ms. Kalpana C	Software Engineering	Cleared NPTEL Course
6	Mr.Rajasekaran S	Programming in Java	Cleared NPTEL Course
7	Mr.Sathish R	Data Mining	Cleared NPTEL Course

Student Achievements

Add-on

S.No	Add-on	Duration	Total No of Students Benefited
1	Redhat Linux System Administration I	One week	49
2	J2EE	One week	35
3	Ruby and Rails	One week	43

Placements

S.No	Student	Recruiter
1	Jahazil Samraj	Heptagon Technologies
2	Madhumathi Rani	UGAM
3	Sowntharya.R	UGAM
4	Keerthana	TCS
5	Padmashree	Ameex Technologies
6	Sri Bhavadharani	Ethnus Consultancy
7	Nehal Bothra	Ethnus Consultancy

Participation

- Parents meeting for all the year students was conducted on 27-07-2019. In the meeting academic schedules, workplan and student activities were discussed.
- For this semester 10 students were identified and enrolled for the animation course in Swayam MOOC Portal.
- Pongal Phython Expo was conducted for the First year students. The projects were presented and was awarded with certificates and cash awards.
- Anna University Semester Lab and Theory exams were scheduled during the month of Nov/Dec by the University.

Editorial Board

Members
Dr.Vijaya G,
Mr.Rajasekaran S
Mr.Joel Anandraj E
Ms.Shirley Josphine Mary

Message
We feel delighted to see the students participating in different events and deliver their best. We assure that the Newsletter continues its commendable work in keeping you updated. The hard work shown by the students in such events and workshops is portrayed effectively by the College Newsletter.