

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



A newsletter inspires and motivates students and staff alike, for it reminds them of the zeal that they had once to do something extraordinary. It gives me immense pleasure to note that the Newsletter of Information Technology department of KGiSL KITE is being released. Kudos to the editorial team. The newsletter which is being rolled out today marks the launch of an effervescent activity that would enable the Management to bring out to the eyes of the competitive world, the academic achievements of our prestigious institution. I am overwhelmed by the response that we received from the coordinators, heads of faculty members of IT department in making this newsletter possible. Understanding this, I feel that, one of the most important skills that a student requires to meet these changing and unpredictable needs is creativity. Creativity, as we commonly say, is the ability to think outside the box. It is the ability to think differently, unconventionally and with a new perspective. I wish that this number may grow in the years to come.

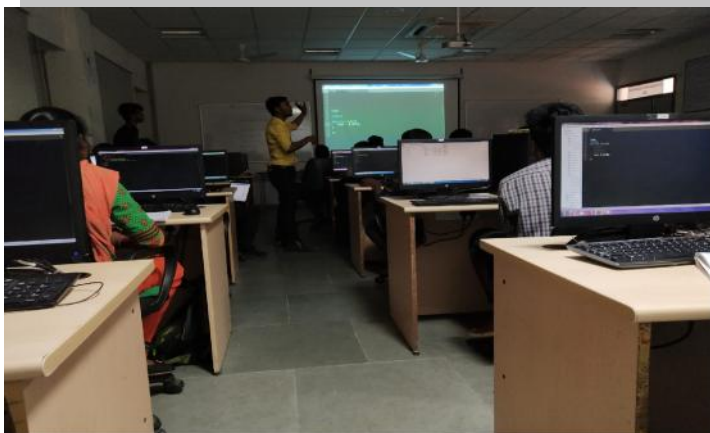
WORKSHOPS

Train the Trainers

Department of IT has organized 4 days' Workshop in Web Application Development in PHP from 05-03-2019 to 08-03-2019. It was organized for second year students and content delivered by final year students. Final year student's team guided for their projects. The object of the workshop is collective learning.



RPA Training and Development



A Training Programme on RPA development has been organized by the department of Information Technology on 15.2.2019. The workshop was handled by Mr. Paul Raj, KGiSL. RPA training platform breaks down all barriers to learning by blending all the expert knowledge and hands-on experience needed, while ena Mr. Paul Raj honored us with his presence on Friday, 15th of February, 2019 and shared his work life experiences with all Mr. Paul Raj is, Trainee RPA Team, KGiSL Pvt.Ltd, Coimbatore. The process of automating business operations with the help of robots to reduce human intervention is said to be **Robotic Process Automation (RPA)**. RPA does not replace humans with actual robots. But, there are software's available in the market which let you configure automation workflows to automate your business operations. According to our experts, the demand for **RPA certification training** is going to rise by 150% due to the lack of the skill set in the market. A total of 40 participants have participated in the same. Ability to identify the different steps of an implementation, ability to choose the processes suitable for automation, ability to drive an RPA project, and raise RPA Awareness throughout the organization was the highlights of the programmed.



Software Testing Industry Practices

The Dept. of IT organized a Guest lecture session in the subject of software testing for the Third Year students on 13th February 2018. The Resource Person was Ms. Geetha Narayanaswamy, 3rd Degree Connections, 3rd Senior Quality Assurance Lead, KGiSL Pvt.Ltd, Coimbatore. During the sessions, she explained the importance of Software testing and different types of software testing strategies. She enlightened students about the skills set required by Software Testers, the career path and also shared his personal industrial experience with the audience in automation of testing. She specially mentioned that Java and Python are the languages scripts which are in demand in the field of testing.



BEME - Workshop

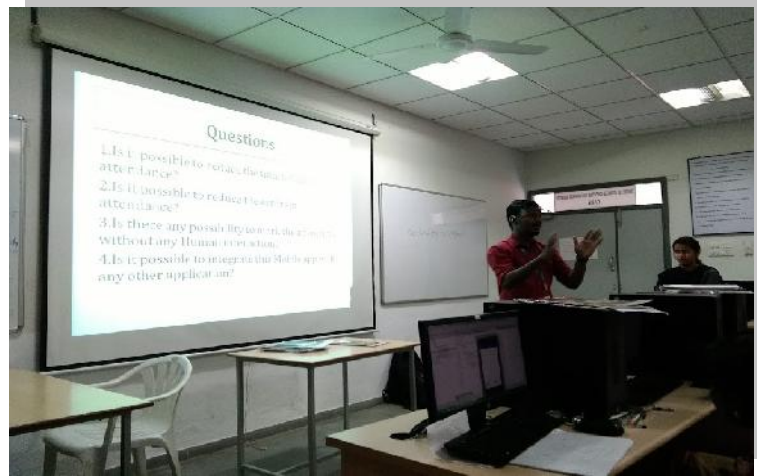


The workshop was held at CARE Lab, KGiSL Institute of Technology on January 29, 2019. Staff members and students were present in the lab. Ms.P.Kothai, Assistant Professor, Department of IT, KGiSL Institute of Technology, Coimbatore delivered the practice session on Basic Electrical Electronics and Measurement Engineering. The basics of electrical quantities are of particular importance - everything from electrical current, through voltage and power are all of great importance. She discussed the topic elaborately and answered the questions asked by the students. Other staff members also discussed briefly about the topic with the students. The electronics tutorials provided were expanding to cover the key basic concepts of the subject in the workshop. This workshop presented students with the basic theory and practice of electrical engineering concepts. It introduced the measurement engineering, with an introduction to the analysis and equations of electrical and electronic circuits.

HACKSHOP

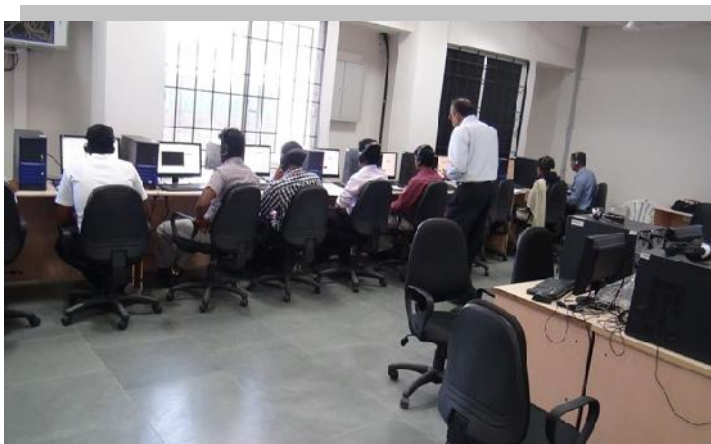
Mobile Hackshop

Department of IT have organized 2days Hackshop in Mobile Application Development from 09-02-2019 to 10-02-2019. Students are assigned with problem statements and provided with resources and technical guidance from industry experts for the app development. Students are driven to develop a product of their own for the given problem statements. The session enlightens the students with the knowledge of mobile computing and app development



Pointer Camp

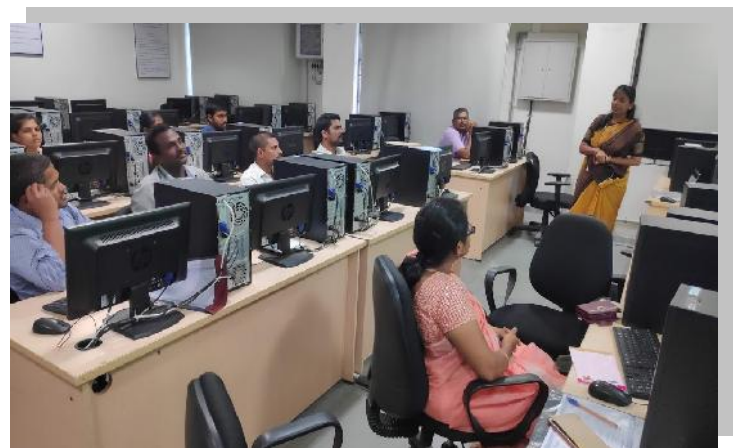
A Technical talk on the Pointer Camp was delivered by Dr.Ashok Bhakthavathsalam, Managing Trustee, KGiSL, Coimbatore. The event was held on 02nd March 2019. Students from the IT department have attended the Training Program, where they found it interesting and technically knowledgeable. The session provided the students the excellent knowledge about the Pointer Camp.



FDP

AU Sponsored FDP on Web Technology

Anna University sponsored Faculty Development Programme was conducted by the department of the Information Technology for the Faculties. The Programme was about the domain of Web technology. In this digital era web sites are vital part of all organizations. This FDP focused on new techniques in website design like Bootstrap4, AngularJS, Responsive web design etc. The wide spread use of smart phones proposes a phase change in web development. That is developing websites compatible for desktop machines as well as smart phones.



EXHIBIT

Talent Hunt - PyGame

GUI programming is always exciting for developer as well as the user. PyGame is a third party python library that offers easy way to develop simple games. First year IT students have spent 3 days (21-01-2019 to 24-01-2019) for learning and developed simple games of their own. End of the session project expo was held, all the faculties and parents visited the expo. Projects are rated based on different criteria and the best project was awarded

Dr.S.Balamurugan, honored us with his presence on Tuesday, 5th of February, 2019 and shared his academic and life experiences with all Dr.S.Balamurugan Head R&D Quants IS & CS Coimbatore is, and CSI Student wing brings recognition by the accredited bodies, opportunity for networking with professionals, knowledge sharing through CSI Publications & Portal etc. It provides huge, long lasting benefits of value to the institution, its management, faculties and students.

Institution Membership

- Recognition by Accreditation bodies for association with a professional organization
- Grant of Free nominee membership to three faculty members with voting rights & log-in privilege on CSI knowledge portal
- 4 copies of CSI Communications every month



CSI Student Chapter Inauguration

- Access to CSI knowledge portal and distinguished speaker list and eligibility for volunteering to be a speaker
- Eligibility to apply for assistance to attend International conferences
- Concessional rates for CSI Conferences and Tutorials for nominees.
- Eligibility for nomination of best Student Branch award
- Additional 4 copies of CSI Communications to the institution & log-in privilege to the students on CSI knowledge portal with access to distinguished speaker list
- Attachment to a Regional Student coordinator & National Student coordinator for assistance with resource persons for various events and chapter support to organize seminars / workshops / tutorials / competitions / Expo
- Invitation for all Regional/State/National student conventions/conferences and competitions

Faculty Achievements

Faculties from Information Technology department have actively participated and published papers in International Conferences on the various topic as listed below

S.No	Name	Topic	Conference
1	Mr.E.Joel Anandraj	Impact Of Machine Learning In Cyber Security	International Conference on Recent Exploration in Science Engineering and Technology
2	Mr.S.Rajasekaran S	Facial Expression Analysis Of Toddlers And Preschool Children Using Machine Learning Technique	
3	Mrs. Dhanalakshmi.B	Data Mining Of Medical Records By Apriori Algorithm Using Weka Tool	
4	Mrs. Shirley Josephine Mary	Breast Cancer Detection And Identification Using Fuzzy C Means And Edge Detection Algorithm	
5	Mr.Sathish.R	University Result Prediction Using MI Algorithms	
6	Mr.Selvavinayagam G	Generating Cryptographic Numbers Using Cellular Automaton	
7	Mrs.Madhu Ramya.R	Internet Of Things In Agriculture : A Survey	
8	Mr.Sathish R	Workshop on “Neural Learning and Speech Processing” at National Institute of Technology, Trichy	National Level Workshop

Graduation

KGiSL Institute of Technology held its seventh convocation on June 30, 2018 at 10:00 a.m. at the premises.

Dr. Ashok Bhakthavathsalam, Managing Director, KG Information Systems Private Limited, presided over the function. Mr. Rajendran Dhandapani, Director of Engineering Zoho Corp Chennai was the chief guest.

Dr. Ashok Bhakthavathsalam delivered the welcome address. He highlighted the achievements of the institution and congratulated the students as well as the faculty members for their tremendous contribution.

Secretary Dr. R. Ravichandran, welcomed the Chief Guest and greeted the graduates. He extended his greetings to Dr. G. D. Yadav, the Chief Guest of the day.

Principal Dr. D. Lakshmanan, has presented the annual report for the academic year 2017-2018. And congratulated the students.



Student Achievements

ADD-ON DETAILS			
S.NO	ADD-ON	DURATION	TOTAL NO OF STUDENTS BENEFITED
1	Red Hat Linux	7 days	49
2	Advanced Java [J2EE]	7 days	36
3	Ruby on Rails	7 days	42

PLACEMENTS		
S.NO	RECRUITER	STUDENT NAME
1	Cognizant	Indhu.K
2	UGAM Solutions	Sowbarnika
3		Keerthana
4		Ashwathi
5		Annie Lincy
6	IDBI FEDERAL	Annie Vincy
7		Sabitha.C
8		Chitradevi R
9		Induja N
10		Gowthami B
11		STAR SYSTEMS INDIA PRIVATE LIMITED

Students Participation in Sports

DISTRICT LEVEL EVENT			
S.NO	STUDENT NAME	YEAR	EVENT
1.	Dharani M	III IT	Badminton
2	Kavipriya K	III IT	Badminton
3	Muthukumaran	IV IT	Cricket
4	Deepak S	II IT	Volley Ball
5	Lokesh R	II IT	Football
6	Prasanth Kumar P	I IT	Kabbadi
STATE LEVEL EVENT			
1.	Dhanush D R	II IT	Athelitic Meet
2	Deepak S	II IT	Athelitic Meet
3	Pravin Kumar	I IT	Athelitic Meet
4	KaviPriya K	III IT	Athelitic Meet
5	Dharani M	III IT	Athelitic Meet

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.

KGiSL Institute of Technology

(Approved By AICTE and Affiliated to Anna University Chennai)
KGiSL Campus, Thudiyalur Road, Saravanampatti, Coimbatore – 641035
Ph:0422-4419999 Email:info@kgkite.ac.in