

KGiSL Institute Of Technology

Newsletter

Saravanampatty,
Coimbatore,
Tamil Nadu 641035.

Dr.Ashok Bakthavatsalam
Managing Director
KGiSL Institutions

Dr.Ravichandran Rajagopal
Secretary
KGiSL Institutions

Dr. Lakshmanan D
Principal
KGiSL Institute of Technology

Pecha Kucha in ENTEKA

By Dept of Civil

Crowning the ten GOLDEN YEAR OF KITE department of civil engineering organized the feast “PECHA KUCHA” on 25-07-2018 in kite. where it's the Japanese mode of presentation, the team received huge response, totally 17 team from various branches have taken part in the fest and received the special prizes Pecha kucha 20x20 is a simple presentation format where you show twenty images, each for twenty seconds. The images advance automatically and you talk along to the images. The presentation format was devised by Astrid Klein and Mark Dytham. The first pecha kucha night was held in Tokyo in February 2003. With pecha kucha nights was happening in over 1000 cities around the world. Now it is happened in our kite campus.

Special

Jury

Award

A team of six members won the award on CONCAST 3600 conducted by ACC Limited, they designed the grade, tested cubes as per ACC specifications which was organized on engineering day.

ENTEKA - Crowning the Ten
GOLDEN YEAR OF KITE



Seminar by Dr.Fixit

DR FIXIT 'Indian MNC' conducted on topic 'water proofing of building and other structures', was given by Asst.Manager of fixit

Seminar by Ken

Ken community have helped us by giving out awareness on various opportunity and about higher education present around the global

Seminar on Practical Applications of IoT

IoT based technical seminar was conducted on 05/9/18 by Dr. shriram K Vaasudevan, AP(Sl. Grade), from Amritha university, where real time projects along with startup project implementation was initiated. Dr. Shriram Vasudhevan, Assistant Professor, Amirtha University Students got an idea on real time project implementation & its application areas. He is selected as "Intel IoT Innovator" and inducted into "Intel Software Innovator" group. Entry in Limca book of records for National Record – 2015. Entry in India Book of Records – National Record and Appreciation. – 2017.

Seminar on Thamizh, Thamizhar, Thamizhiyal

Ms. Sindhya, AP/CSE, Founder and President of International Tamil Cultural Research Foundation, Vice- President of Aiyai Women Forum Dr.Sindhiya, Assistant Professor, Shrishakthi Engineering College A group of talented tamil women who is living in all over the world). have given a seminar on : "Tamil Tamilar Tamiliyal" on 8/8/18. An outstanding tamil culture along with recent technology speech delivered & students got benefitted.

Seminar on embedded Systems

A seminar on Embedded systems was conducted on 06/07/2018 by Mr. Balajee seshadri Technologist, Surabee electronics systems. An embedded system is a programmed controlling and operating system with a dedicated function within a larger mechanical or electrical system, often with real - time computing constraints. It is embedded as part of a complete device often including hardware and mechanical parts

Seminar by Swifterz

SWIFTERZ came with the seminar on 'BIMS' given out by its CEO. Building Information Model is uncommon no more. They bring it right to our doorstep.

Seminar by Max CADD

Steel construction is one of major and fastest growing technology where cadd center have addressed on important software tekla.



Second Biggest Earthen Dam

Visit to the second biggest earthen dam in the world – BHAVANISAGAR DAM. Final year civil engineers were given the opportunity to visit this dam during 21-07-2018 which was constructed during post independent period from 1948 to 1955 and it's a multipurpose dam. They have viewed and examined the dam in all the engineering aspects. The sweet pride of Coimbatore SIRUVANI WATER TREATMENT PLANT. Third year students have visited the plant during 03-09 2018, they have viewed the various process involved in the secret behind the taste of water etc. The dam receives water from two main catchments in western Ghats. The eastern catchment area includes upper bhavani, avalanche, emerald lakes, kundha, pillur, nellithurai. The western catchment area includes Portimund, parsons, valley, pykara, glenmorgan, chinkara, maravakandy, moyar and thengumarahatta.



Workshop on System First Thinking

Cyberdojo Developments It is purely a "Technical workshop " conducted by Mr. Jon Jagger's on System thinking, founder of Cyber Dojo. Mr. Jhon Jagger, Software Consultant Somerset, England. One day full hands on session on 11/8/18 is utilized & students got benefitted technically. Mrs. karthikeyani., AP/IT have helped & encouraged our students to get involved programmatically.



Workshop on Embedded Systems

A workshop on Embedded systems conducted on 20/07/2018 by Mr. Vamsi Krishna Viven embedded academy Hyderabad. Students were introduced with modern embedded system technologies in chip design, Intel boards, boiling air craft electronic control design etc. Real time applications based creative ideas were provided. Books were published for the benefit of students which helps them understand the electronic concepts in their mother tongue.

Workshop on Ethical Hacking

This workshop is organized by one of our department student Mathesh. With help of a community, Maffy Creation and he is the founder of that community. It was one day workshop about basic of hacking introduction to Linux, installation, and demo for a simple hacking method using kail Linux.

Project Expo

The word enteka indicates the entry of kite into the 11th year. To start with the next decade of kite, the department of ECE has made its students involve in accomplishing electronics projects. We had 60 working models out of which 45 projects were shortlisted for the final round. The students from the department of Electronics and communication and Mechanical engineering have actively participated in the event. The projects in domains like artificial intelligence, Internet of things, Embedded systems, arduino, raspberry pi have been presented in the exhibition. The projects such as gesture control, IoT based appliance control, voice controlled robot were greatly appreciated. The exhibition was viewed and judged by the director and principal. It helped in evoking the dormant ideas of the young minds and brings that into a reality.

Swarm Robots

Swarm robotics is a new approach to the coordination of multi-robot systems which consist of large numbers of mostly simple physical robots. It is supposed that a desired collective behavior emerges from the interaction between the robots and the interaction of robots with the environment. The use of GPS or RFID technology to create a virtual geographic boundary, enabling software to trigger a response when a mobile device enters or leaves a particular area.



Adal

Fitoi Fort is a team of 35 budding mechanical engineers intent upon making our mark on the world. The purpose of the formation of this team was to take part and win in the Rally Car Design Challenge conducted by Polaris in Rajasthan in India. The all Terrain Vehicle known as "ADAL" is created by our team. The vehicle was then tested for over 100 kilometers in a track provided by KGiSL. There in Rajasthan we had 3 subsequent races to show our capabilities and hard work, first race was Day race in which we won 1st all among the teams, second race was night race in that also we won 1st and finally in velodrome race we secured 2nd place and finally we won 2nd in overall considering every aspects of ADAL.



Team Pegasus

A go-kart is a type of open-wheel car which come in all shapes and forms, from motor less models to high-powered racing machines. Obviously, size is a big factor, but one major aspect of a kart is its complete lack of a traditional suspension; here the axle is firmly affixed to the frame, there is no differential (both rear tires turn at the same speed), and while things like camber and caster may be adjustable, there are no dampers or springs. Overall kart layout tends to feature a driver sitting beside a low capacity engine (generally 125cc or less) that uses either chains or gears to drive the rear axle. Traditionally, a kart has a single brake disc on the rear and nothing on the front (though that's not always the case), and the brake pedal is situated to the left of the kart, with the throttle on the right, forcing the driver to either learn left-foot-braking or go hurtling off course. Karting is the safest, cheapest and, arguably, best avenue into motorsports for those with the desire to compete. It's also a dizzying sea of classes, chassis, engines, tires, tracks, rules, and affiliations, some of which are tightly controlled by global organizing bodies. Guest lecture by Dr.N.Murugan. Professor, Department of Robotics and Automation Engineering, PSG College of Technology, on 4th Sep 2018.

