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NEWLETTER

VOICE OF ECS



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2022 INDEX

ABOUT THE DEPARTMENT

FACULTY ARTICLE

STUDENT ARTICLE

ACHIEVEMENT

ACTIVITIES

STUDENT COORDINATORS

ABOUT THE DEPARTMENT

Department of Electronics and Computer Science (ECS) is a course that aims to combine two separate fields of engineering to meet demands made by electronics and computer industries. This program has been developed in response to the industry demands to develop students hardware and software engineering skills in an integrated way. Our curriculum focuses on many real-time applications, which includes smart homes, smart city, smart traffic management, smart agriculture, healthcare applications, web designing, cyber security, automotive electronics, environmental monitoring etc.

The undergraduate course mainly focuses on electronics courses like analog electronics, digital electronics, embedded system, communication system and computer courses like logical thinking, data structures and algorithms, DBMS, Web development, computer network, software engineering. Internet of Things (IoT), Machine Learning, Artificial Intelligence, Deep Learning etc. Our department provides a specialization in Embedded Systems, Web Technologies, IoT (Internet of things), VLSI, Artificial Intelligence and Machine Learning etc. And department offering one Post Graduation programme, (Embedded Systems) which suits for industrial needs.

The Course helps the students to enter into various professions as Embedded Engineers, Firmware Engineers, Software Engineers, Software Developers, Web Application Developers, IoT Application Developers, Automobile Electronics Engineers, ICT (information Communication Technology) Engineers, VLSI Engineers, Forensic Engineer etc. Many companies need engineers with hardware and software knowledge, and our students conform to their requirements. Our department provides proficiency in many aspects of the student's career like assistance for master degree program both in and out of the country through GATE, GRE, TOFEL, IELTS etc.

OUR VISION

To impart value-based, state-of-the-art education and motivate students to become socially committed professionals for their overall development

OUR MISSION

To promote innovation centric education and perform cutting edge research in interdisciplinary and multidisciplinary areas

SNIFFING ROBOTS

Recently, a team of researchers at MIT came up with a sniffing robot system.

It detects the air sample with even greater sensitivity than a dog's nose.

How is it possible?

The system is based on Machine Learning

It identified a pattern by analyzing the samples of the diseased people.

What were the results?

The robot was able to match more than 70% success rate as compared to the dogs.

What could be the applications?

Healthcare

Sniffing Robots can help prevent the severity of diseases by detecting diseases like cancer in the earlier stage of their diagnosis.

Gas Industries

A robot equipped with the ability to smell can be invaluable on an oil field since it can 'sniff out' an oil or gas leak preventing hazardous accidents and more.



Mrs.K.KRISHNAVENI
Asst.Professor



INDEPENDENCE DAY

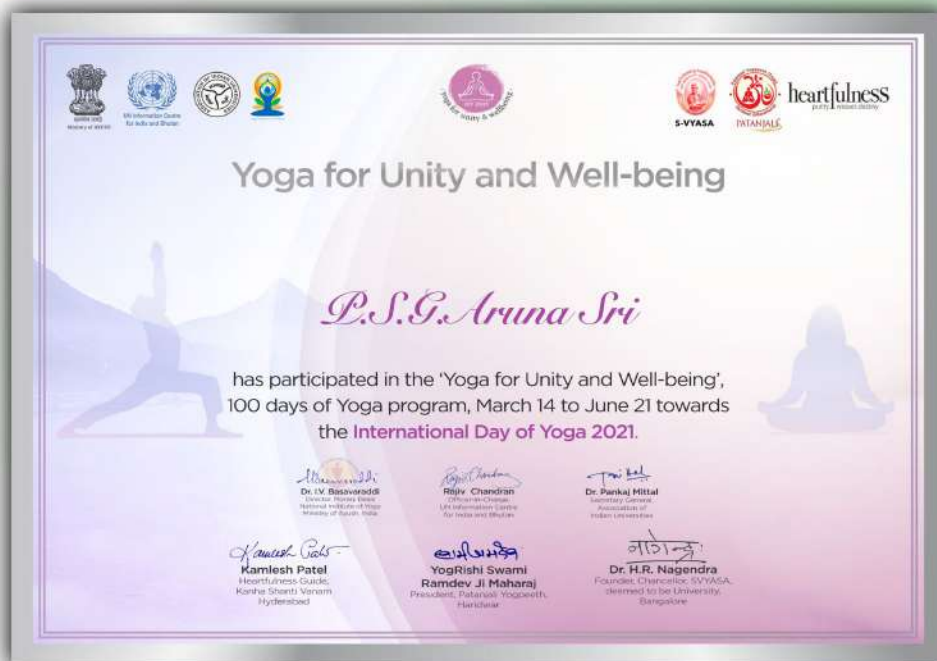
For 200 years, Indians suffered domination of the British colonisers beginning in 1757. Their control over the country was gained by the victory of English East India Company at the Battle of Plassey. Indian history is riddled with famous events of retaliation and uprisings which eventually drove the Britishers out and forced former viceroy, Lord Mountbatten, to free India on August 15, 1947 after giving the mandate to transfer the power to Indians. The day also marked the partition of British-ruled India into two countries, India and Pakistan. The British were successful with their divide and rule policy which led to violence between Muslims and Hindus. Owing to this unrest, a separate country was formed on the eve of August 14, 1947 after violent riots, mass casualties and the displacement of nearly 15 million people. Independence Day is a reminder of the sacrifices of our valiant freedom fighters who stood up against the colonisers and even suffered harsh consequences unflinchingly, so that the later generations could breathe in free air. Slaving for 200 years and claiming back our country makes us marvel at the great leaders.

On August 15, 1947, the first Prime Minister of Independent India Jawaharlal Nehru unveiled India's tricolour flag at the Red Fort in Delhi. This practice continues till date as along with the flag hoisting, the Prime Minister delivers a speech from the historic monument. A national parade by different battalions of the Indian Army bands follows. However, the Defence Ministry recently stated that due to widespread Covid-19 pandemic, the military bands are preparing their shows in advance. These are likely to be telecast on Independence Day instead of a live performance. Kite flying is also celebrated as an event associated with Independence Day. People symbolise their patriotism for the country by using the flag in different sizes and also decorate their homes and belongings with the colours of the national flag. Indians living in other parts of the world also celebrate Independence Day, and several cities in the United States have declared India's Independence Day, August 15 as India Day.

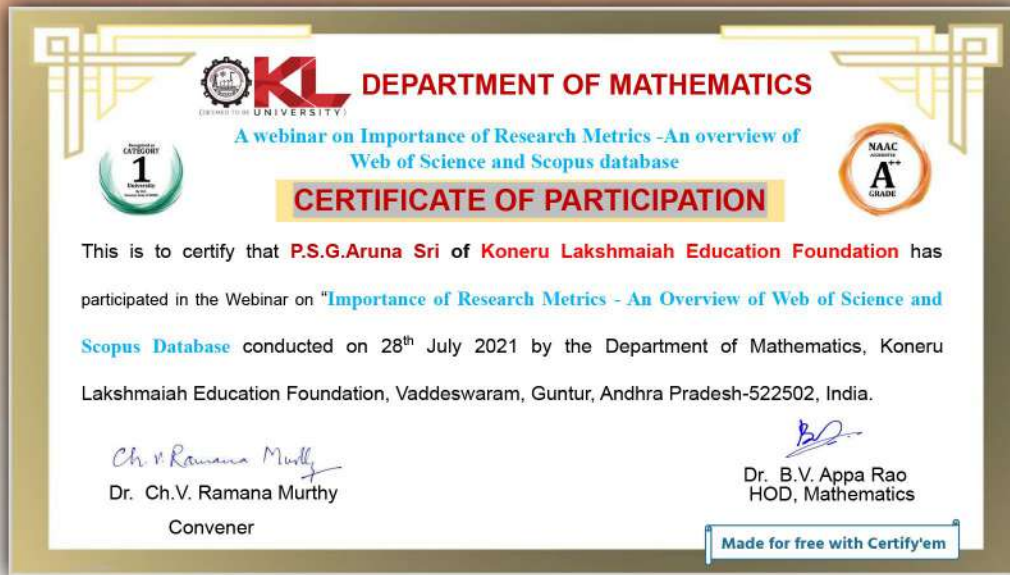
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FACULTY ACHIEVEMENTS



FACULTY ACHIEVEMENTS



Kargil Vijay Diwas & Rank Distribution Ceremony of NCC

Kargil Vijay Diwas in K L University was celebrated with a cultural performance by cadets of singing team. We invited SM Ganga Ram saab, Dr. Y V S S V Prasada Rao sir, Dr. KRS Prasad sir and Dr. Habibulla Khan sir. The KLEF NCC heartily invited the chief guests and started the event by lamp lighting ceremony. It was then followed by a classical performance by Y20 batch Cadet. SM Ganga Ram saab addressed the cadets about his career in NCC and his role in Kargil war. He explains how our army attempted to regain Tiger Hill which was illegally captured by elements of the Pakistan Army's Northern Light Infantry. Later chief guests gave ranks to the cadets who qualified as rank holders and appreciated the cadets by distributing B certificates to who passed B certificate exam. Our senior SUO Ganendra Sai Prasad addressed about his NCC life. Event was finished by the vote of thanks given by Lt. Monika mam.



STUDENT ACTIVITY IN NSS

Students of ECM have participated in NSS activity in Nidhamanuru



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KLEF

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INDIA

