Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Vision & Mission of the Institute

Vision

The vision articulated for the College is to become and be perceived as the leading self-financing engineering college in the state and one of the prominent engineering institutions in our country.

Mission

To provide a premier educational experience for our students and a world-class environment for our faculty that supports and prepares them for addressing the engineering challenges and opportunities that exist and await them in the 21st century.

To ensure that all our students excel academically as well as prepare themselves for the future and to develop as many job creators as possible.

Innovation And Entrepreneurship Development Centre:

IEDC-SVNCE Department of industry and commerce by Government of Kerala accorded sanction to the Entrepreneurship Development Club(ED club) of SVNCE starting from 29th September 2016. Mr. Sri.Mohammed Kunju Manager, Distric Industry Centre ,Alappuzha , has inaugurated ED club in our campus on 2016. Later, Kerala Startup Mission (KSUM) accorded sanction to the IEDC of SVNCE starting from 5th December 2016. KSUM has provided fund of Rs. 2 Lakhs for the Entrepreneurship activities.

Objectives of IEDC SVNCE:

1. To create, inspire and empower a young generation of self reliant individuals.
2. To take them a step ahead for the development of the nation by developing an entrepreneurial and innovative mindset.

Organizational Structure for IEDC

1. Mr. Rahul Vamanan (IEDC Nodal OFFICER,SVNCE)
2. Students **IEDCActivities**

Seminar on "Success of Startup from Failure"

Date:30/09/2019 ***Venu: SeminarHall***

The seminar was addressed by Dr. Manju, HOD, Electrical and Electronics Department. And a welcome speech was delivered by the CEO of IEDC Mahaguru Institute of Technology former(Sri Vellappally Natesan College of Engineering). The seminar was taken by the chief guest Mr.AmeerKhan, CEO of Zeekoi Technologies .The event feature d both the topics of entrepreneurship and Startup. "Success of startup from failure is the topic highlighted especially in these counterpart of seminar .Finally ,the vote of thanks was delivered by the Nodal Officer. 63 Students participated in the seminar.

Internal Hackathon "navIkarana 2020"

Date:13/01/2020 Venu: Lecture Hall(018)

An internal Ideation program was conducted as part of Smart India Hackathon2020.The students can submit their idea through a Google form .Eight out of thirteen ideas were selected. The selected teams had presented their ideas in front of a panel of 3members.Out of which 2 ideas was granted with a fund of Rs5,000.

Workshop on Ideation

Date:22/02/2020 Venu: Seminar Hall

A one-day workshop on ideation was conducted at Mahaguru Institute of

Technology former (Sri Vellappally Natesan College of Engineering) on 22/02/2020.The workshop was conducted for1st,2ndand3rdyears students by the Nodal officer and 2finalyear students. Workshop out come was to know about generating new ideas and concept to solve the problems. 23 students were attended for this workshop.

YIP 2019 Ideathon

Our two teams were selected for district level YIP 2019 ideation.

(i) ZORA PHONES.

It is an innovative device which would help the senior citizens to communicate with the external world ,when they are in any kind of distress or in need of emotional support. It is designed in such way that it can be used by the people who have poor vision and those who are categorized as legally blind. This is easy to use and learn by the old aged.

(i) Artificial exoskeleton

About artificial exoskeleton: Artificial exoskeleton is controlled by a powerful nano computer like raspberry Pi. This nano computer is coded using python it processes the information and sends that information to the required servos which will work as the information that it gets.This Artificial Exoskeleton is for paralyzed, rickets affected and the people who cannot walk or stand on there on.

Hackathon by KSUM on Womens day 2020

Mark-1: Mark1 is an artificial exoskeleton which is controlled by a powerful nano computer like raspberry Pi. This nano computer is coded using python it process the information and sends that information to the required servos which will work as the information that it gets. To utilise maximum man power for the country and to bring a smile on the face of the people who were not able to stand or walk on there own. And to help the women's at the pregnancy satge as a energiser and a personal assistant or acompanion which will take care of their health.

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