

# INNOVATION & INCUBATION CELL



SRI DURGA MALLESWARA  
**SIDDHARTHA MAHILA KALASALA**

An Autonomous College in the Jurisdiction of Krishna University  
A College with Potential for Excellence

Sponsors: SIDDHARTHA ACADEMY OF GENERAL AND TECHNICAL EDUCATI



Cordially Invites you to attend

## ANVESHAN

Give Wings to Your Ideas

2k24 SERIES - I



organized by

Innovation and Incubation Cell & Intellectual Property Rights Cell,  
in association with **SOLETE** & **CII-Young Indians**.

Chief Guest

Sri. M.S.V.M.Prasad  
Pr.Commissioner of Income Tax (VU)-1, Guntur

Keynote Speakers

Mrs.A.Hima Bindu, MD, Noval Patent Services, USA  
Mr.D.Rajesh Kumar, CEO, Peak Performance Strategist, Hyderabad  
Dr.K.Raghava Rao, Director, IIC, KLU, Guntur.

Will grace the occasion

on

Date : 26 - 04 - 2024 , at 10:30 AM

Venue: Webinar Hall

Dr.A.Pallavi  
Convener,IIC

Dr.K.Lakshmi  
Convener,IPR

Dr. T. Vijaya Lakshmi  
Director

Dr.S.Kalpana  
Principal

**Nature of Program:** On the eve of World Intellectual Property Rights Day a Program named ANVESHAN GIVE WINGS TO YOUR IDEAS 2k24 Series-I was launched.

**Chief Guest:** Sri.M.S.V.M.Prasad,

Pr.Commissioner of Income Tax(VU)-1,Guntur

**Keynote speakers**

- Mrs.A.Hima Bindu

Managing Director,Noval Patent Services,USA.

- Dr.K.Raghava Rao

Director, Innovation ,Patent Facilitation and Business Incubator-MSME,  
KLU, Guntur

- Mr.D.Rajesh Kumar, CEO,Peak Performance Strategist,  
Hyderabad

**Number of students :** 200 students from various colleges

**Date :** 26/04 /2024

**Brief Report:** The Innovation & Incubation Cell Launched a program named ANVESHAN GIVE WINGS TO YOUR IDEAS 2k24 series - I on the eve of World Intellectual Property Rights Day. The Keynote speakers have explained the importance of innovation based start-ups that create jobs, wealth and business. They focused on the incubators role in building economy. They have also explained the types of intellectual Property Rights, including patents, trademarks, and copyrights.



Lighting of the lamp by Chief Guest



Chief Guest Addressing the Gathering

## Key Note Speakers Addressing the Students



Mrs.A.Hima Bindu, Managing Director, Mr.D.Rajesh Kumar, CEO,Peak Performance Strategist  
Noval Patent Services, USA Hyderabad



Dr.K.Raghava Rao,Director, Innovation ,Patent Facilitation and Business Incubator-  
MSME,KLU, Guntur.

## PRESENTATION OF STUDENT'S INNOVATIVE IDEAS



**DEPARTMENT OF ELECTRONICS:** First years students of BCA gave power point presentation about the “**OTP AND VOICE BASED SMART DOOR ACCESS SYSTEM WITH AUTOMATIC LIGHT CONTROL**”. It is an advanced security system and a convenient solution for our homes and businesses. It allows users to unlock the door using OTP sent to their mobile or by voice recognition. The system can automatically control the lights turning them on (or) off based on user preferences.

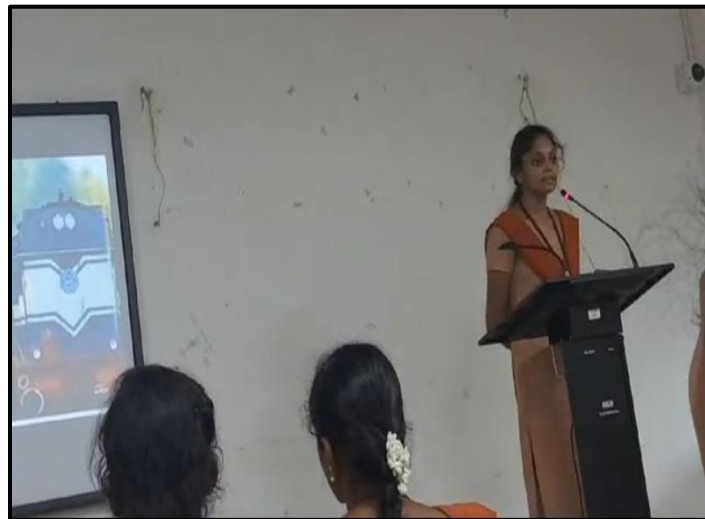


**DEPARTMENT OF ELECTRONICS:** Second year students of MECS gave power point presentation about the “**SMART KITCHEN**”. Smart kitchen appliances and features help save time. Technology helps in ensuring that ones kitchen is ergonomically designed. Smart technology can send notifications in case of any malfunction, thereby preventing any accidents or mishaps. Energy-efficient appliances can excess energy usage and thereby reduce expenses. Most of these devices are wifi enabled. They allow

the user to access them from afar. These appliances can provide a safe and convenient working environment based on the user, age group etc



**DEPARTMENT OF ELECTRONICS:** Second year students of MECS gave power point presentation about the “**TOUCH SENSOR USING 555 IC TIMER AND BREAD BOARD**”. When a person or object touches the touch sensor, the capacitance increases and produces current through the resistor. This current is then stored on the capacitor, which triggers the 555 timer IC. The 555 timer IC then sends a signal to activate the output device. This simple Touch Switch is developed by using 555 timer IC operated as a MONOSTABLE vibrator. Here the stable stage is LOW, so the timer outputs low after the trigger is removed. Basically this circuit has an LED which turns ON when we touch a pin of timer.

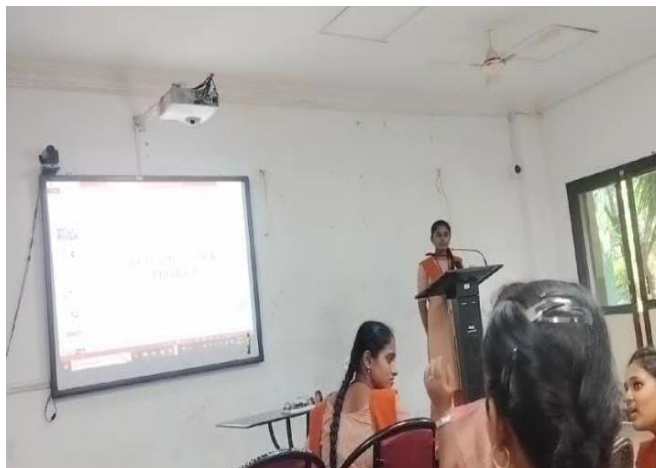


**DEPARTMENT OF ELECTRONICS:** Second year students of MECS gave power point presentation about the “**RAILWAY TRACK FALL DETECTION**”. Indian railway is the largest railway network in Asia and additionally world's second largest network operated underneath a single management. The railways became the prime mode of transportation because of their capability, speed and responsibility. Even a small

improvement in this sector will aid the overall development of a nation. Due to the gigantic size, it's a tedious task to monitor and maintain the rails in a timely manner.



**DEPARTMENT OF ELECTRONICS:** Second year students of MECS gave power point presentation about the “**IOT BASED BAGGAGE TRACKING SYSTEM**”. The Internet of Things is a concept that not only has the potential to impact how we live but also how we work. The new rule for the future is going to be, "Anything that can be connected, will be connected." The reality is that the IoT allows virtually endless opportunities and connections to take place, many of which we can't even think of or fully understand the impact of today.



**DEPARTMENT OF ELECTRONICS:** Second year students of MECS gave power point presentation about “**ALCOHOL DETECTOR**”. An alcohol detector is a device that can be used to estimate blood alcohol content (BAC) or to detect viruses or diseases from a breath sample. Alcohol gas detectors are also available, which are made to read ethanol, methanol or

isopropanol gas vapor in air and present the concentration in parts per million. Some alcohol detection systems can be installed in vehicles to prevent drunk driving.



**Department of Biochemistry:** Finals year students of FMB gave Power point presentation on "Rethinking fashion –sustainability in the Textile Industry". The students delivered an insightful presentation on transforming textiles for sustainable fashion. They talked about making clothes in a better way so they don't harm the environment. They explained how most clothes are made too quickly and end up causing pollution. They suggested using eco-friendly materials like cotton, kapok and using weeds like water hyacinth and finding new ways to make clothes that are good for the planet. Their idea is to create a future where fashion doesn't hurt the environment and every piece of clothing shows we care about the Earth.



**Department of Zoology and Aquaculture technology:** Final year students of AZC gave power point presentation about the **VIBRIONILL AND VANNABOOST**.



### Department of Chemistry:



Have given a power point presentation about the “**Dragon lip gel**” like nature organic lip gel.

It can be used as a lip moisturize to protect your lips from harmful effects and it is eco-friendly and long-lasting. It can overcome dry skin that will be affected when used regularly. It contains Vitamin-C. It has a rich source of oligosaccharides that helps in the growth of good bacteria like flora.

### Department of Computer Science:

Second year students of CSCS gave power point presentation on the topic “**Revolutionizing MRI technology**”. They have explained the basic definition of claustrophobia and explained how it impacts during MRI scans. Then they explained the difference between traditional MRI and their reference model.

### Department of Food Science and Technology:



Millets are potentially rich sources of macro and micronutrients. Globally they are a possible solution for several problems like deficiency disorders, climate change, water scarcity, lifestyle

disorders and so on. International Millet Year 2023 was the clarion call for incorporating healthy millets into our daily diets. Students of Final FMC took this cue ahead by preparing and presenting ‘**Nourishing Millet Summer Refreshments for Children and Adults – Drinks & Ice Creams**’. They presented two different millet drinks – **Mahango Sharbath** and **Millet Mocktail** using millets and fresh fruits. They also presented the ever delightful and delectable ice cream – **Foxtail Millet Ice cream**. The very purpose of preparing these refreshments was to prove that millets can not only be included in foods liked equally by both children and adults but can also satiate the summer pangs of thirst. The students gave a power point presentation on the benefits of millets.

Black rice is a rich source of fiber and other nutrients. It helps cleanse the body of toxins and in alleviating certain problems like relieving constipation, eliminating stomach problems, protecting against osteoporosis, reducing oxidative stress etc. Second year FMC students prepared and presented ‘**Black Rice Product – Chekkalu**’. They gave power point presentation on the uses and benefits of Black Rice. They prepared a delicious and enjoyable snack item called ‘Chekkalu’ with black rice.

### **DISTRIBUTION OF PRIZES TO THE WINNERS**



# MEDIA



**కొత్తదనమున్న ఆవిష్కరణలకే గుర్తింపు**

అచ్చపేట(విజయవాడ సీటీ), న్యూస్టుడే: దేశంలో లోజుకు కొన్ని వేల ఆవిష్కరణలు జరుగుతున్నా కేవలం పది శాతం మాత్రమే సపటికృతమవుతున్నాయని, దానికి ప్రధాన కారణం మీ కంటే ముందుగానే ఇదే విధానాలతో రూపొందించడం, చేసే వాటిలో కొత్తదనం లేకపోవడమేనని ఆదాయపు పన్ను శాఖ కమిషనర్(గుంటూరు) ఎం.ఎస్.వి.ఎం. ప్రసాద్ అన్నారు. సిద్ధార్థ మహిళా కళాశాల ఇన్స్టిట్యూట్, ఇంక్యూబేషన్ విభాగం ఆధ్వర్యంలో సీఐఐ-యంగ్ ఇండియా సంయుక్త ఆధ్వర్యంలో అన్వేషణ కార్యక్రమాన్ని శుక్రవారం నిర్వహించారు. సాంకేతిక పరిజ్ఞానాన్ని విద్యార్థులు అందిపుచ్చుకోవాలని కోరారు. ప్రధాన వక్తలుగా హాజరైన డి.రాజేష్ కుమార్, కె.రామవరాపు మాట్లాడుతూ కొత్త ఆవిష్కరణలను అనుసరించాల్సిన విధానాలు, అర్హతలను ఎలా పొందాలి, ప్రభుత్వ ఆమోద ప్రక్రియను ఏ విధంగా చేయాలి, దాన్ని మార్కెట్లోకి ఎలా తీసుకురావాలని విద్యార్థులకు వివరించారు. కళాశాల ఛైర్మన్ టి.విజయలక్ష్మి, ప్రిన్సిపల్ ఎస్.కల్పన తదితరులు పాల్గొన్నారు.