Centre for Innovation, Incubation and Entrepreneurship (CIIE)

The Centre for Innovation, Incubation and Entrepreneurship was established at Shri Ramswaroop Memorial University on 21st January, 2019. CIIE is sector agnostic and supports entrepreneurial learning and implementation in diverse streams supported by the faculty expertise of its Institutes.

Vision

To build an Ecosystem promoting Innovation and Entrepreneurship

Mission

- To offer infrastructure facilities and capacity building opportunities to potential innovators helping them become change-agents in society and industry.
- To promote innovation and entrepreneurial spirit in the region catering to growth of local industrial and agricultural products.
- To helps start-ups to achieve sustainable, scalable growth over varied geographies and sectors, providing solutions to socio-economic issues.

Aims & Objectives

The Center for Innovation, Incubation and Entrepreneurship (CIIE) at Shri Ramswaroop Memorial University (SRMU) aims to transform the students into young entrepreneurs and innovators. CIIE shall extend support to nurture the entrepreneurship- aspirant ideas through transforming it into action plans.

The Aims and Objectives of the Center are detailed below:

- To encourage, motivate and develop entrepreneurship and inter-disciplinary technical and managerial skills.
- To encourage, motivate and develop entrepreneurship amongst students, faculties & alumni.
- To cater to the project that solve problems and find solutions to local needs at surrounding habitats, district and state levels.
- To invite local, district & state level companies (MSMEs) to support projects to develop commercially viable products and / or socially relevant products & services.
- To facilitate knowledge creation, innovation and entrepreneurship activities through financial institutions for such purpose and also through organizations like CST, UGC etc.
- To conduct interfacing and Networking between academic institutions, industry, R & D units & financial sector etc.

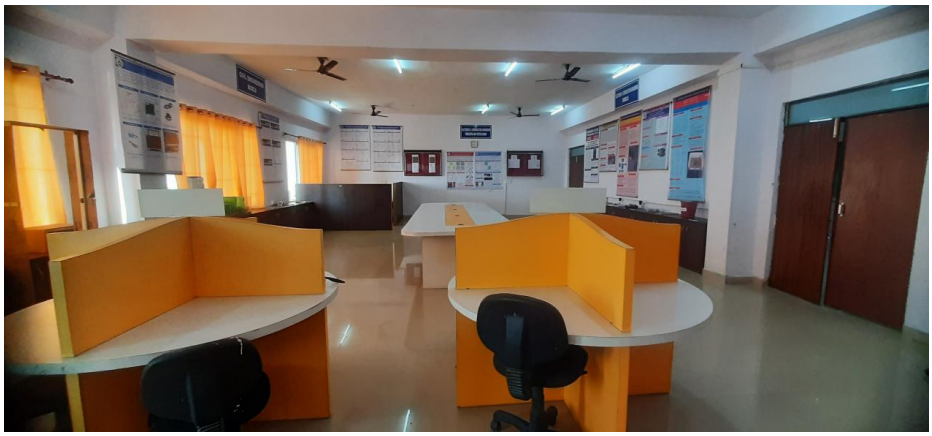
Facilities:

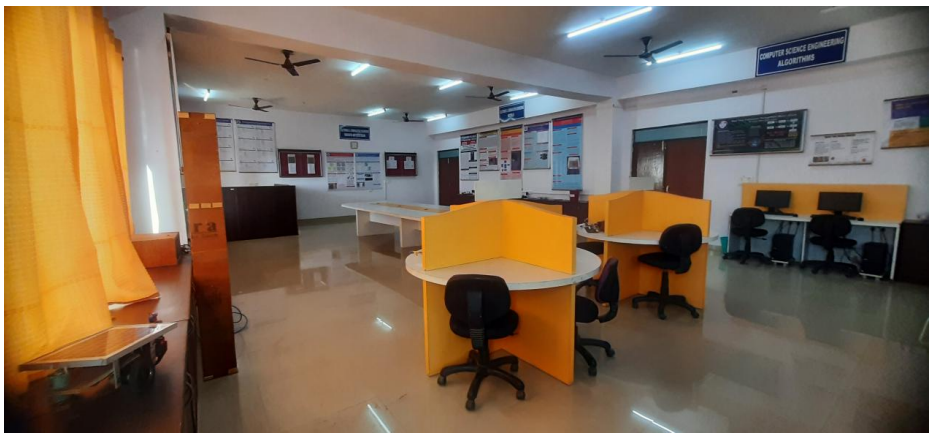
The Following facilities will be offered at SRMU:

- **Mentoring Support:** Through faculty member, experts from industries and R & D sectors.
- **Technical Support:** Design, Simulations, Development & Qualification Testing.
- **Financial Support:** Seed Support, Innovation, refinement and Commercialization Grant.
- **Fabrication Support:** Models / prototypes through in- house workshop facilities or outsourcing to MSMEs in the neighborhood.
- **Market Information:** Projects Development Strategies, Business Intelligence and Business Architecture.
- **Networking:** R&D establishments and academic institutions for knowledge disseminations.
- **Legal Advice:** In reference to Intellectual Property rights (IPR)

Innovation and Incubation Hub under CIIE

The Innovation and Incubation Hub under CIIE is established in B2 Block on 3rd Floor - Room No. 303.





The IIH displays the fabricated and tested design of Metamaterial based Microwave devices.

1. Oblique Incidence and Polarization Insensitive Multiband Metamaterial Absorber with Quad Paired Concentric Continuous Ring Resonators.

2. Wide Incidence Angle and Polarization Insensitive Broadband Metamaterial Absorber based on Concentric Split and Continuous Rings Resonator Structure.

3. Wide-band Log Periodic Microstrip Antenna with Defected Ground Structure for C band Applications.

4. Wideband CPW Fed Slotted Rectangular Patch Antenna Loaded with Ring Resonators for C band Applications.

Innovative Working Models:

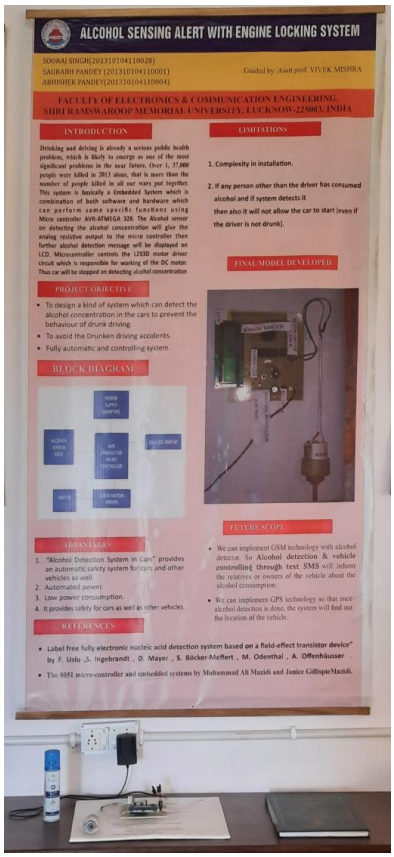
Smart Dustbin

Smart Dustbin an innovative way of collecting and piling the waste material that senses the presence of an object and automatically opens and closes down

Smart Dustbin

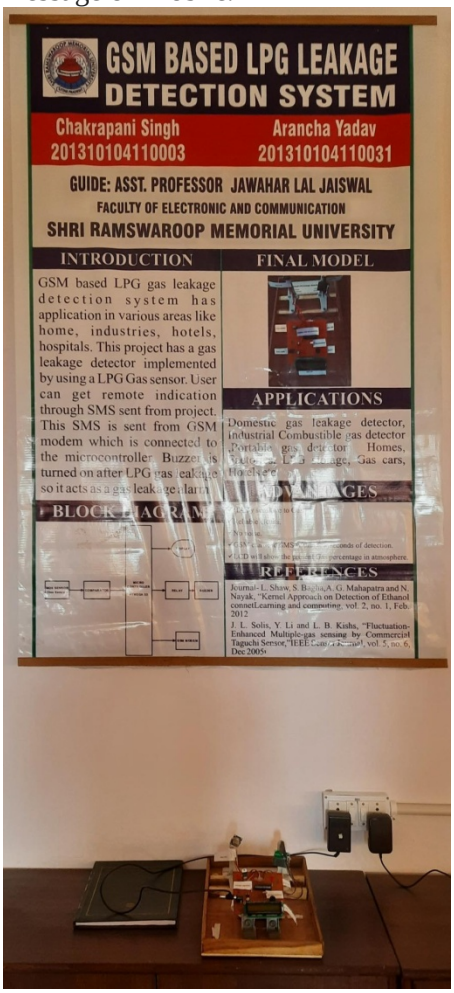
Alcoholic sensing alert with engine locking system:

An innovative prototype in which the engine of the vehicle will be ceased when it senses the driver is in with over-drunk condition.



GSM based LPG leakage detection system

An innovative working model that senses the leakage of LPG and alerts the owner by sending the message on mobile.



Weather station to record room temperature and humidity

A working model that can measure the temperature and the humidity of the room to optimum accuracy.

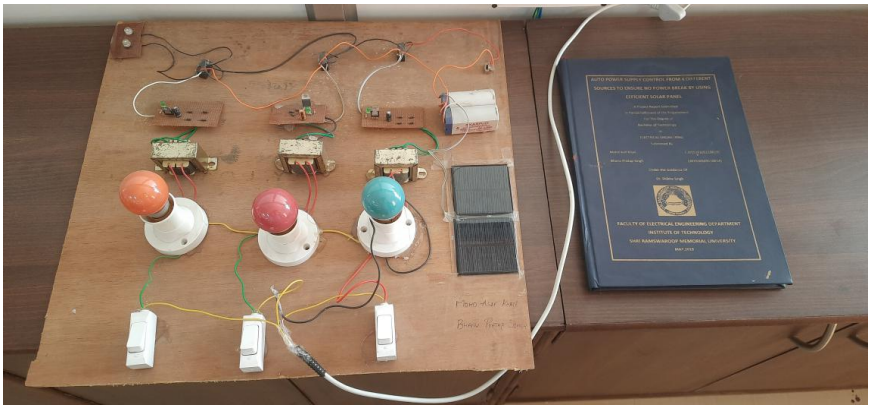
Unmanned Aerial Vehicle

Ultrasonic Radar System

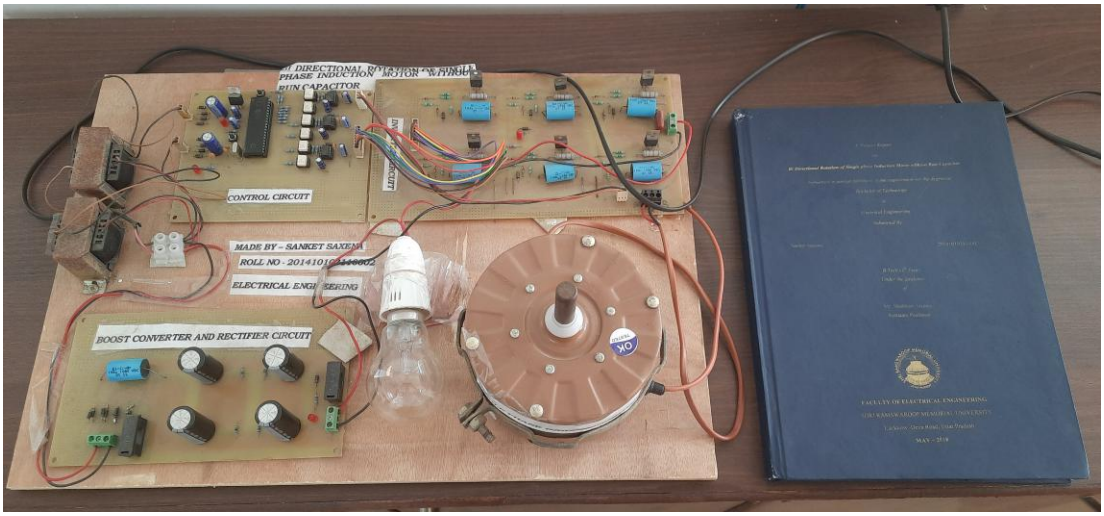
Solar Grass Cutter

Sanitizing frame with UV box set up

Auto power supply control from 4 different sources to ensure no power break by using efficient solar panel



Bi-directional rotation of single phase induction motor without run capacitor



Display of Published/Granted Patents

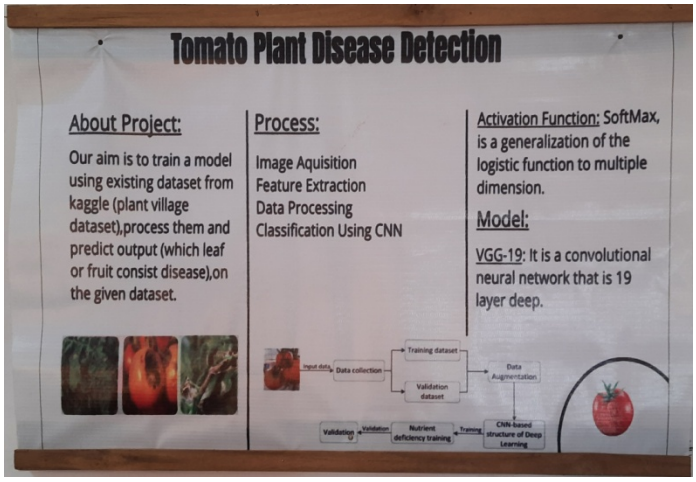
Algorithms developed in terms of Applications.

1. Real time expression recognition based music player.

2. Image colorization using Generative Adversarial Networks.

3. Tomato plant disease detection.

Real time expression recognition based music player



Tomato plant disease detection

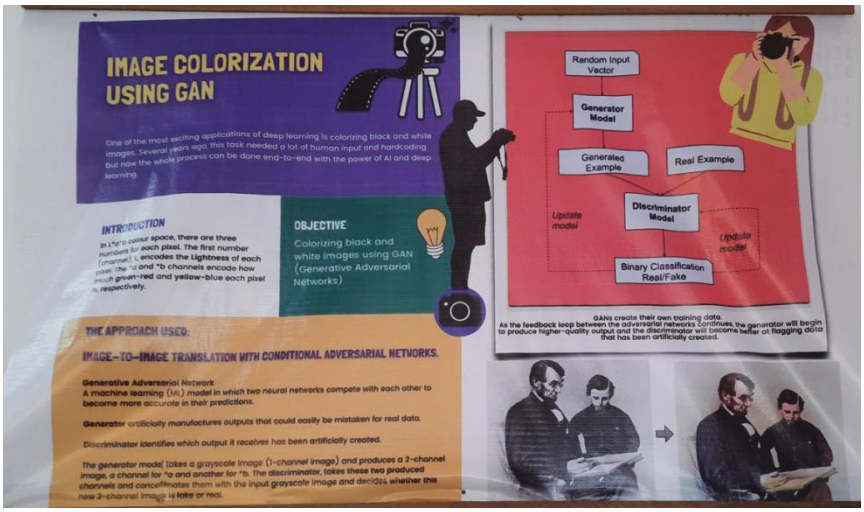


Image colorization using Generative Adversarial Networks

Student Start-ups under CIIE

ESD

« Extend Sure Development »

Startup by BCA 3rd year student on Digital Marketing