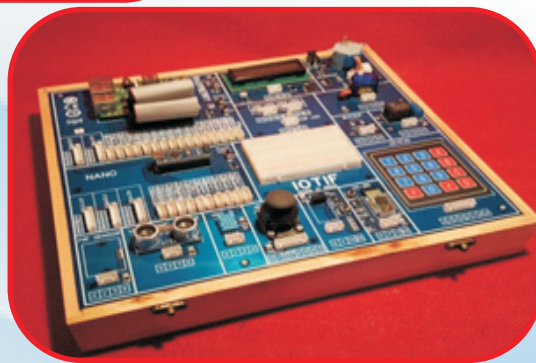
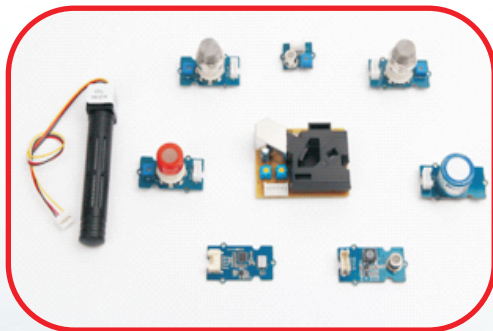
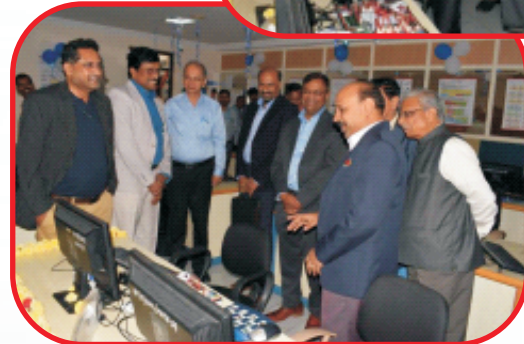


GM NextGen Innovation Centre



The **GM NextGen Innovation Center** was established in the Department of Information Science and Engineering in 2019 and has a Memorandum of Understanding (MoU) and Collaboration with Advanced Electronics Systems (ALS) Bengaluru and XTrans solutions, Bengaluru.

GM NextGen Innovation Center facilitates the faculty to enhance their skills with learning of **Artificial Intelligence, Machine Learning** and **IoT** with Advanced Kits. The trained faculty in turn guides the students to get acquainted with necessary knowledge to come up with implementation of their ideas and contribute in making of smart society.



Objectives:

To support faculty and students in

- Skill Development on Multiple domains
- Identify Innovative problem statements
- Prototype / Product Developments
- Article Publications and patenting

Activities conducted under GM NextGen Innovation Center:

A Five Day Workshop on “Foundation to IoT & Its Programming on Cloud Platform” from 25/02/2020 to 29/02/2020.

Five Day Training on “Internet of Things with Artificial Intelligence and Machine Learning” from 05/04/2021 to 09/04/2021.

One Month Internship for 6th semester students on “Internet of Things” by Advanced Electronics Systems, Bengaluru, in the month of April, 2021.



Convener: Dr. Sunil Kumar B S
Co-Ordinator - Mr. Naveen R C M, Mr. Imran Khan

Applications:

The mutually beneficial relationship between the Internet of Things (IoT) and Artificial Intelligence (AI) is enabling disruptive innovations in:

Wearables : Health Monitoring of Elderly People with IoT

Rescue support Robot

IoT based Child Tracker

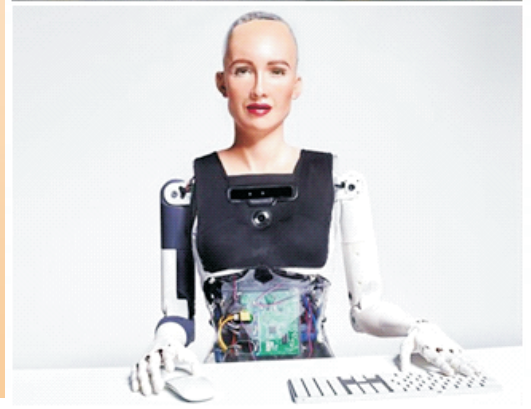
Implantable biomedical devices for healthcare monitoring;

Smart surveillance

Monitoring applications such as the use of an autonomous drone for disaster management and rescue operations.

The fusion of AI and IoT enables the systems to be predictive, prescriptive, and autonomous. This convergence of AI and IoT is evolving the nature of emerging applications from being assisted to augmented and ultimately to autonomous intelligence.

This continuum will impact all industries ranging from manufacturing, retail, healthcare, telecommunication, and transportation, etc.



Late Sri.G.MALLIKARJUNAPPA
Hon'ble Member of Parliament
Founder President

Vision

To develop technologically competent, socially responsible and humane engineers capable of working in multi cultural environment.

Mission

To create an academic ambiance which will develop quality Engineers who are technically competent, socially and ethically responsible and ethically responsible and perform better in multi cultural environment.





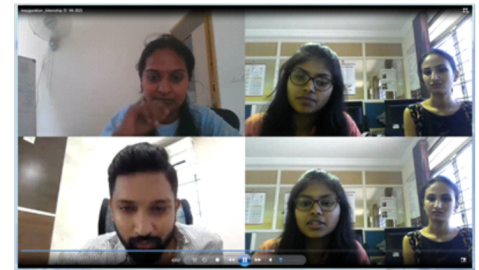
Best Practices for the Academic Year 2020-21



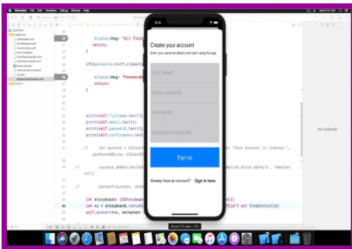
The Internship inauguration was held on 1st April 2021 at 10.30 a.m. in the network lab, Dr. Sunil Kumar B S, Professor & Head, Dept. of IS & E, was the convener, and Principal was the chairperson. Mr. Nikhil Mirle, Mr. Sunil Shambhatnavar and Mr. Ravindra Mudithaya have joined online as chief guests and resource persons.

Selection Process

After carefully examining the potential value of the technology, the promoter team, a panel of distinguished technocrats will review the applicants, interview the students, and choose for incubation. The panel will include experienced and competent industry executives.



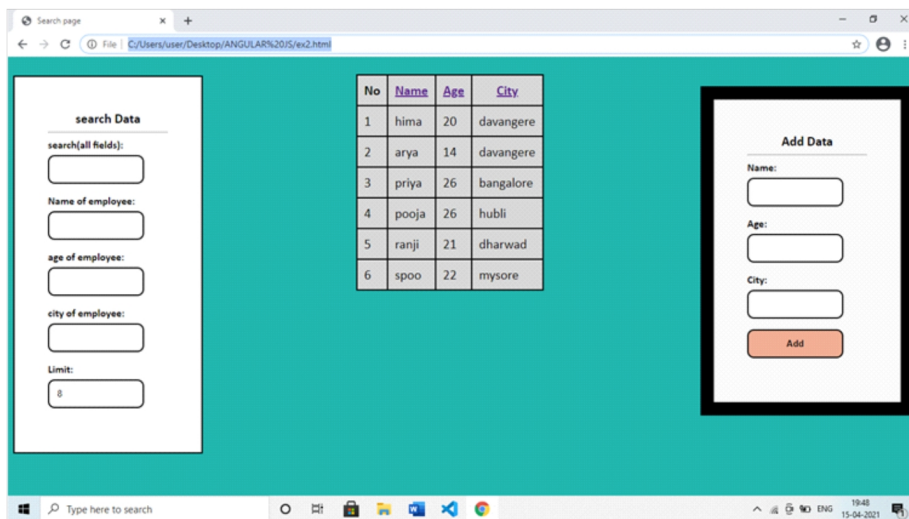
Login, sign up, sign in, forgot password, edit profile Implementation in iOS app



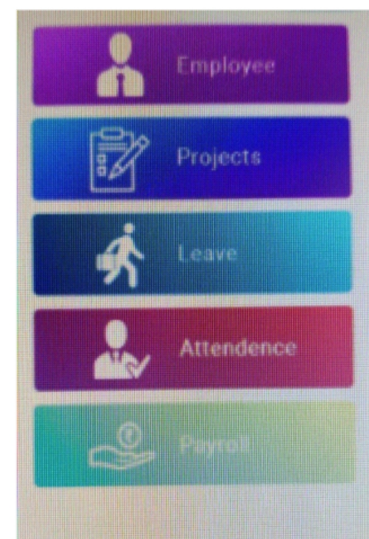
1. Internship

6th Semester students of our department have undergone two months of internship at BHIMART Incubation Center on various technologies like Android, iOS, Angular JS, PHP and dot Net and developed mini projects.

“Search Engine Optimization” Implemented in Angular JS



“Employee Excellence Squad” Implemented in Android Studio

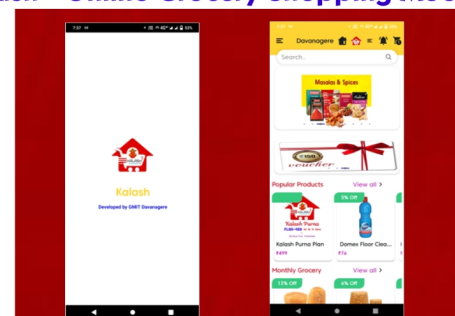


2. Product Development:

“Kalash - Online Grocery Shopping Mobile App”

This project was taken during the Covid-19 pandemic. The mobile app has been developed by utilising the available components at the premise. App provides facility to buy product online with secured digital payment.

“Kalash - Online Grocery Shopping Mobile App”





Center

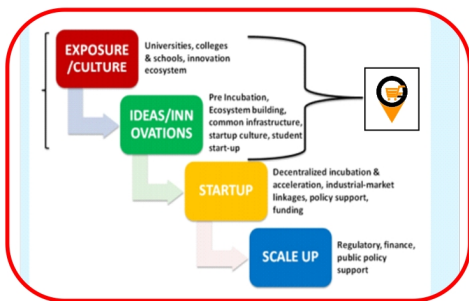
GMIT, as one of the most forward-thinking and innovative educational institutions, is proud to have an incubation centre "BHIMART". The incubation centre was inaugurated and a Memorandum of Understanding was signed on August 11, 2018 for the Academic Year 2018-19.



BHIMART incubation centre allow its students to gain hands-on experience in entrepreneurship, promote innovation-driven activities at the institute, and provide a comprehensive and integrated range of support, including workspace, mentoring assistance, high-speed internet access, connections to industries, and comprehensive education training programmes to nurture young start-ups.

Objectives

- To promote a culture of innovation on campus.
- Assisting with the translation of ideas into reality and upgrading them to economic worth.
- To establish a start-up environment on campus.
- To motivate students to solve real-world challenges.
- To generate high-value employment and services.



Activities conducting under BHIMART Incubation Centre

- Internship
- Mini Projects
- Student's academic projects
- Product Development
- Industry Visits



GM INSTITUTE OF TECHNOLOGY

Department of Information Science & Engineering

Red Hat Academy Center of Excellence

Red Hat Center of Excellence was established in the department of Information Science and Engineering in the year 2019 and has a MoU to provide Training and Internships on trending technologies to upgrade knowledge of students.

Red Hat Academy aims at bridging the gap between education and industry. Red Hat Academy partners with academic Institutions around the world to provide the next generation of IT talent through Internships, Training Courses and Certification Programs.



redhat

redhat Academy

Objectives:

- To provide industry level training and exposure.
- To provide student skill development programs.
- To provide industry integrated internships.
- To provide technical talks/webinars on emerging technologies by industry experts

Following are the activities :

- Webinar and online Trainings, Invited Talks
- Certification Programs
- Internships and Projects
- Workshops / Hands-on
- Aptitude Test



Convener:
Dr. Sunil Kumar B S