



**CMR TECHNICAL CAMPUS**  
**UGC AUTONOMOUS**  
Accredited by NBA & NAAC with 'A' Grade  
Approved by AICTE, New Delhi and JNTU, Hyderabad  
Kandlakoya, Medchal Road, Hyderabad- 501 401, Telangana

Estd: 2009



## **DEPARTMENT: ELECTRONICS AND COMMUNICATION ENGINEERING**

### **REPORT**

**Session Title:** “Innovation /Prototype Validation – Converting into a Start-Up”

#### **1)Objective of the Program**

Innovative prototypes are the first steps to launching a successful product. To guide our young entrepreneurs on the best strategies to convert prototypes into actual products.

#### **2) Benefits /Outcome of the Program:**

Prototype development in various technologies readiness levels and ultimately maturing it to a product for Startup and product development lifecycle as comprising of the phases of feasibility, conceptualization, validation tests, design validation tests, manufacturing pilots, and volume production.

#### **(3) Description:**

The Innovation /Prototype Validation – Converting into a Start-Up and had diversified from a majorly a Software solutions company to a product manufacturing company. The expert shared the entire journey of how they and their team converted an idea right from the ideation stage to a prototype and then from a prototype to an actual startup. The expert shared all the stages involved from prototype development to conversion into a commercial startup through this practical example which ensured that the students could relate to the concept and understand the process of converting a prototype into a commercially viable startup.

**(4) Organized on:** 17/8/2022

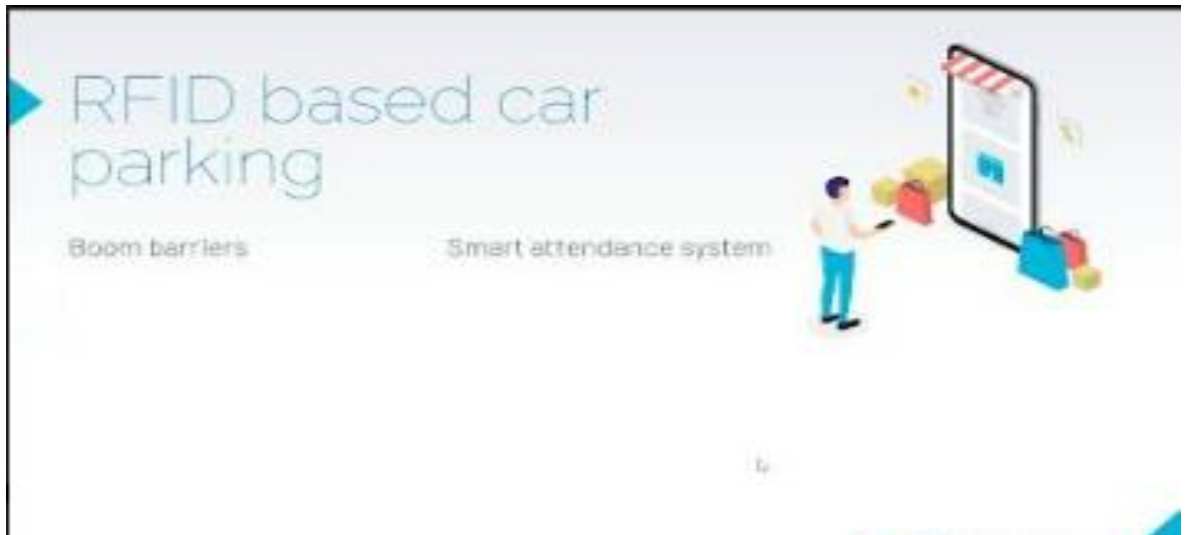
**(5) Student Participants number:** 40

**(6) Students /Faculty Registration Details with timestamp:----**

**(7) Faculty Participants number:** 2

**(8) Expenditure amount if any:** NIL

## (9) Photographs



# Smart sanitizer devices

Sensor based hand sanitizer

Full body sanitization chamber

4G
1:28 PM

←
LICA
→

Jagadeesh is presenting

Stop sharing Hide

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AMZL
ENG
17:00

Paused by McAfee® Web Boost

# Time Plan

### Gantt Chart

| Task Name      | Q1 2019 |        |        | Q2 2019 |        | Q3 2019 |
|----------------|---------|--------|--------|---------|--------|---------|
|                | Jan 19  | Feb 19 | Mar 19 | Apr 19  | Jun 19 | Jul 19  |
| Planning       | [Bar]   |        |        |         |        |         |
| Design         |         |        | [Bar]  |         |        |         |
| Implementation |         |        |        | [Bar]   |        |         |
| Follow up      |         |        |        |         |        | [Bar]   |

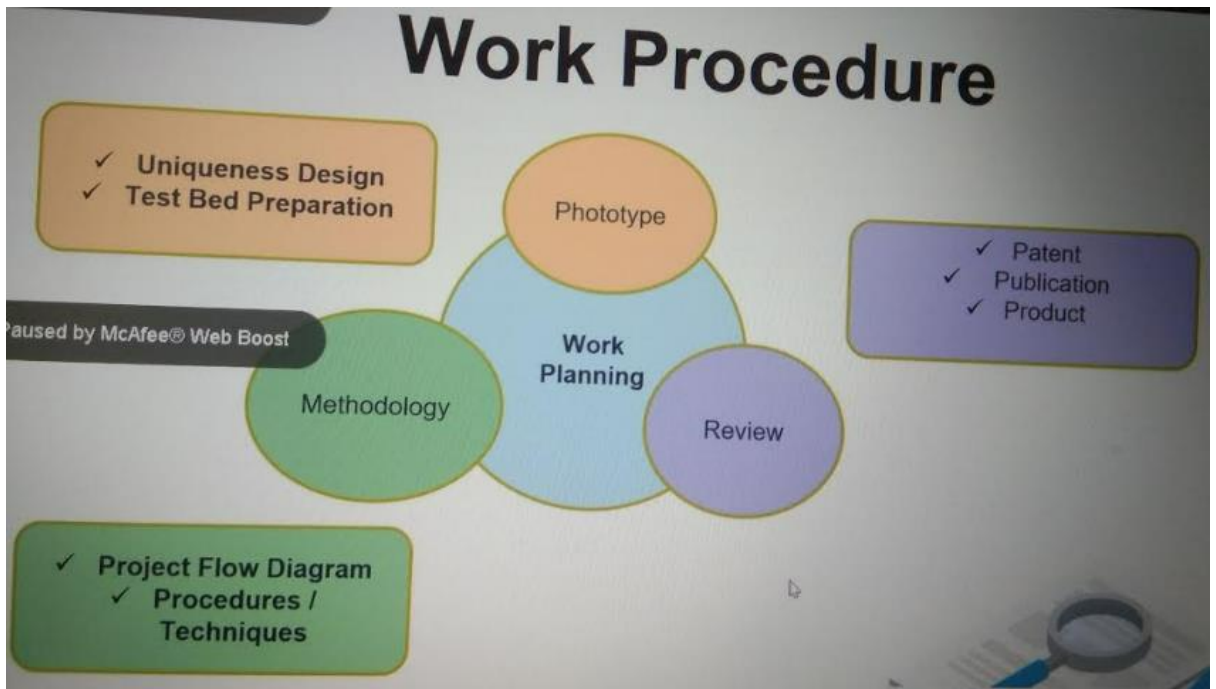
### PERT Chart Example

```

graph LR
    Start((Start)) --> Design[Design software]
    Start --> Develop[Develop software]
    Design --> Test[Test software]
    Develop --> Test
    Test --> Deploy[Deploy software]
    Test --> Monitor[Monitor software]
    Deploy --> End((End))
    Monitor --> End
  
```

## HOME AUTOMATION

smart home systems achieved great popularity in the last decades as they increase the comfort and quality of life. most smart home systems are controlled by smart phones and advanced microcontrollers. The smart phone control every home load and very data upload to IOT sever.



(10) Video URL:

<https://drive.google.com/file/d/17Cz0RP6HYPQRmZ3RLKEI7Jyif1aBn6F2/view?usp=drivesdk>

(11).Poster

## CMR TECHNICAL CAMPUS UGG AUTONOMOUS

Kandlakoya, Medchal Road, Hyderabad  
Telangana 501401

### IIC 4.0-CMRTC DEPARTMENT OF ECE

Organizes session on

INNOVATION/PROTOTYPE  
VALIDATION-CONVERTING INTO A  
START-UP

**Speaker:**  
**Dr. Jagadeesh**  
Founder and Director of  
Vincense Software Solutions pvt.Ltd

Registration link:  
<https://forms.gle/8cuwaZ49LDApMRm7>

**17TH AUG 2022  
1:00PM**

Free  
Registration!  
e-certificate to all  
the participants

**Dr.K.Mohanalaxmi**  
Faculty Co-Ordinator, IIC  
CMRTC

**Dr.Sudha Arvind**  
Convener, IIC  
CMRTC

Session on:  
<https://meet.google.com/cxc-ckir-wgs>

**Prof.G.Srikanth**  
HoD-ECE Department  
CMRTC

**Dr.K.Srujan Raju**  
Vice President, IIC  
CMRTC

**Dr.M.Ahmed Ali Baig**  
President, IIC  
CMRTC

**Dr.A.Raji Reddy**  
Director  
CMRTC



(12). **Keywords:** innovation, process of innovation, Prototype validation, Start- Up.

(13) **Lead Expert's Name:** Dr. Jagadeesh

(14) **Lead Expert's Email:** [info.vincense@gmail.com](mailto:info.vincense@gmail.com)

15. **Lead Expert's Designation:** Founder and Director of vincense software solutions Pvt.Ltd