



***3.2.1 Institution has created an ecosystem for innovations and has initiatives for the creation and transfer of knowledge***

**Answer:**

The sole objective of the student Innovation and Incubation Centre (SIIC) of GKCE is to facilitate students to convert their Ideas into Technological Innovations. Students are provided with facilities to build prototypes useful for the promotion of Agriculture and Rural Development. Necessary support is provided for Documentation, Publication of Research Papers.

In SIIC, students are allowed to dismantle the hardware of previous projects and encouraged to innovate new projects. Mini project expo is being conducted every year to transfer knowledge among the student's community. Students are encouraged to gain hands-on experience and better Industrial Exposure. Under SIIC, The project titled "Energy Harvesting in speed breakers using piezo electric sensors" was developed by the student's team and the report was submitted to APCOST, Vijayawada ( The Government of Andhra Pradesh established the Andhra Pradesh State Council of Science & Technology (APCOST) during the year 1986) and got sanctioned the fund of 32,500/- in the year 2018. Workshops are organized to improve the technical skills of students.

With reference to the Lr.No.APSCHE/AO/QAC/ESIC/Remainder-2/2021, An Entrepreneurship, Innovation and Start-Ups Centre has been established in Gokula Krishna College of Engineering –Sullurpet following the guidelines provided. The Entrepreneurship, Innovation and Start-Ups Centre (EISC) aims to ignite creative thinking and nurture entrepreneurial instincts in students. The Centre's ultimate vision is to create independent business entrepreneurs out of interested students so that they not only become self-employed but also become capable of providing gainful, fulfilling employment to others and thereby benefit society at large. The Center aims at effective, frequent and mutually beneficial interactions with Industry and establishing and exploring links with all kinds of organizations for the development of the Centre. It also aims at providing a professional, specialist approach committed to offer students with the most suitable HR solutions and enhancing their career opportunities.



**GOKULA KRISHNA COLLEGE OF ENGINEERING - SULLURPET**

**Affiliated to JNT University, Anantapur and Approved by AICTE, New Delhi**

**Department of Electronics and Communication Engineering**

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**APPOINTMENT ORDER**

Date: 12-03-2018

TO

Mr. S. Rajesh  
Assistant Professor,  
Department of ECE  
Gokula Krishna College of Engineering,  
Sullurpet.

Sir,

**Sub: appointment Order- Co-Ordinator- Student innovation and incubation centre- Reg.**

It is observed that the student's project "wireless e notice board" under your guidance got selected as one of the best projects in the **Tech. Fest 2018** contest conducted by JNTUA at the university campus on 27<sup>th</sup> January, 2018. Your encouragement and continuous guidance to materialize the innovative ideas of students are very much appreciated. The management is pleased to appoint you as "Co-Ordinator" for the "**STUDENT INNOVATION AND INCUBATION CENTER**" of ECE with the effect from 12-03-2018 subject to your compliance with our terms and conditions.

M. G. R.  
HOD



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**STUDENT INNOVATION AND INCUBATION CENTRE**

**Date:11.01.2019**

Dear all

We strongly recommend all the students to register any one of online NPTEL courses to get the following benefits.

- To get extra knowledge
- To explore new modern technology
- To get a certificate from IIT
- To become expert in technical background
- To add a valid point in your resume
- To get better placement

Do your registration now and start exploring the new modern technology through NPTEL courses.

Visit link: <https://onlinecourses.nptel.ac.in>

Courses recommended:

1. Problem solving through programming in C
2. Microprocessors and Microcontrollers
3. Electromagnetic waves in guided and wireless media
4. Antennas
5. Principles of Signals & Systems
6. Principles of Communication systems-1
7. Digital Electronic Circuits
8. Analog Circuits

Regards,  
Team of SIIC, IV ECE.

# STUDENT INNOVATIVE INCUBATION CENTRE



## SIIC

ORGANIZED BY

3<sup>RD</sup> YEAR E.C.E STUDENTS

## **Vision:**

### **We say YES to PEOPLE**

We recognize the unique value and creative potential in everyone. Through programs, exhibits and events we commit to honor and support this potential by inspiring the innovator in everyone.

### **We say YES to CHALLENGES**

We value challenges because they produce innovations. We commit to approaching problems with enthusiasm and optimism.

### **We say YES to TECHNOLOGY**

We celebrate the power of technology to transform lives. We commit to helping people use technology creatively and ethically.

### **We say YES to FUN**

We are passionate about our work and about working together. We can't help but share this joyfulness with everyone.

### **We say YES to INTEGRITY**

We value the trust and respect of our community and coworkers. We commit to becoming a place where we do what's right because we love what's right.

## **Mission:**

To establish centers of excellence in emerging areas of science, engineering, technology, management and allied areas. To foster an ecosystem for incubation, product development, transfer of technology and entrepreneurship. To create environment of collaboration, experimentation, imagination and creativity. To develop human potential with analytical abilities, ethics and integrity. To provide

environment friendly, reasonable and sustainable solutions for local & global needs. To inspire the innovator in everyone.

## Electronics and Communication Engineering:

The Department of Electronics and Communication Engineering has developed and maintained a well-defined set of educational objectives and desired program outcomes. Educational objectives of the program cater to the requirements of the stakeholders such as students, parents, employers, alumni, faculty etc. The program educational objectives are as follows:

**PEO1:** Provide graduates with a strong foundation in mathematics, science and engineering fundamentals to enable them to devise and deliver efficient solutions to challenging problems in Electronics, Communications and allied disciplines.

**PEO2:** Impart analytic and thinking skills to develop initiatives and innovative ideas for R&D, industry and societal requirements.

**PEO3:** Provide sound theoretical and practical knowledge of E&C Engineering, managerial and entrepreneurial skills to enable students to contribute to the well being of society with a global outlook.

**PEO4:** Inculcate qualities of teamwork as well as social, interpersonal and leadership skills and an ability to adapt to evolving professional environments in the domains of engineering and technology.

**PEO5:** Motivate graduates to become good human beings and responsible citizens for the overall welfare of the society.

**Team Members:**

Name	Designation
K. Sailesh Kumar	Implementer
P. Raghavulu	Shaper
Muni Subramanyam	Time Keeper
Bhanu prakash	Monitor
Siva Sai	Material Manager
P. Mohan	Helper
Puvvaras	Resource Investigator

**Electronics Batch Members:**

S. Monasree  
M. Sai preethi  
G. Deekshitha  
K. Pavithra  
B. Gayathri  
N. Geethika

**Communication Batch Members:**

K. Laila  
B. Kavya  
G. Asha  
G. Deekshitha  
K. Pavithra  
V. Munisha

### **Aim and Objectives:**

The Student Innovative Incubation Centre is instrumental in drawing up the innovation strategy power and in creating the action plans for the College.

The following is a proposed list of activities that the Centre is envisaged to undertake:

Technology Transfer.

Entrepreneurship promotion.

Igniting Youth Innovation.

Creation of knowledge sharing mechanisms inside the college.

Training and mentoring.

Innovation in curriculum.

### **Projects Completed:**

1. Density based intelligent traffic system
2. Weight lifting robot
3. Gsm based e-notice board
4. Lpg gas leakage detector using gsm module
5. Password based circuit breaker

### **Work in Progress:**

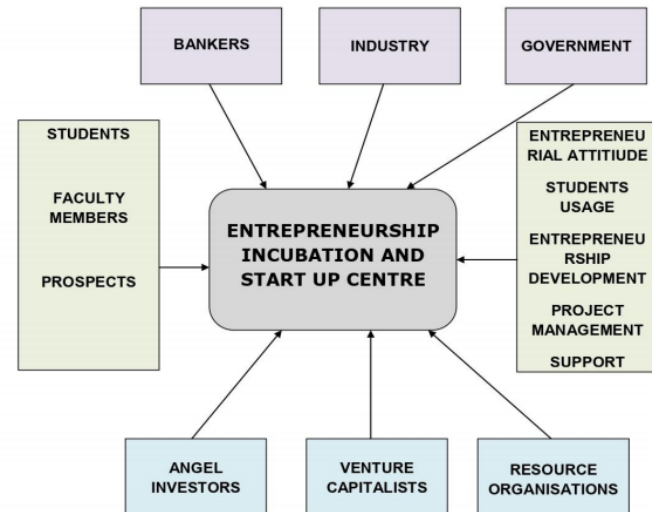
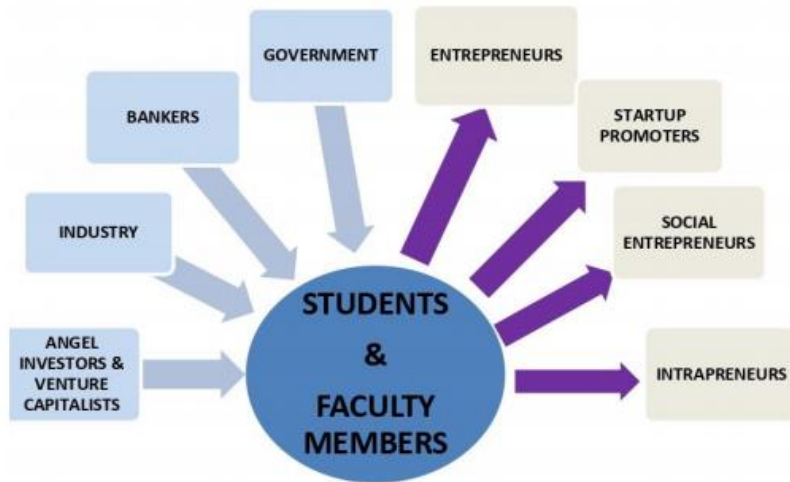
1. Micro strip Patch antenna designing

### **Website:**

<https://sites.google.com/view/studentincubationcenter>

# GOKULA KRISHNA COLLEGE OF ENGINEERING-SULLURPET

## Entrepreneurship, Innovation and Start-Ups Centre



*INSTITUTIONAL EISC MODEL*

Name of the Director: Mr. Kamesh

Email: [kamesh.v11@gmail.com](mailto:kamesh.v11@gmail.com)

Contact No. : 9705352539

From  
**The Principal**  
**Gokula Krishna College of Engineering**  
**Sullurpet-524121**

Date:5-8-2021

To  
**Prof. K. Rama Mohana Rao**  
**Vice-Chairman & Director (QAC)**  
**AP State Council of Higher Education**  
**3rd,4th and 5th floors, Neeladri Towers, Sri Ram Nagar,**  
**6th Battalion Road,Atmakur(V), Mangalagiri(M), Guntur - 522 503, AP.**

Sir,

**Sub: Establishment of Entrepreneurship, Innovation and Start-Ups Centre in Gokula Krishna College of Engineering-Sullurpet– Regarding**

With reference to the Lr.No.APSCHE/AO/QAC/ESIC/Remainder-2/2021, An Entrepreneurship, Innovation and Start-Ups Centre has been established in Gokula Krishna College of Engineering – Sullurpet following the guidelines provided. I strongly believe that this innovative Centre will ignite the creative thinking and nurture entrepreneurial instincts in GKCE students.

Herewith I submit the details of the Director of the Centre.

Name of the Director: **Mr. Vullipayala Kamesh**  
**Assistant Professor**  
**MBA Department**  
**GKCE-Sullurpet**

**Phone Number:** 9705352539

**Mail id:** [kamesh.v11@gmail.com](mailto:kamesh.v11@gmail.com)

**Principal**

**GOVERNMENT OF ANDHRA PRADESH**  
**ANDHRA PRADESH STATE COUNCIL OF SCIENCE & TECHNOLOGY**  
**Bhavanipuram, Vijayawada-12**

Proc.No.APCOST/B1(General Proposals)/2017-18, Dated: 21/02/2018

**PROCEEDINGS**

**SRI B.V.A. KRISHNA MURTHY**  
*Member Secretary(FAC), APCOST*

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**Sub:-** APCOST – VJA – Project Proposals (3) Nos of Principal, Gokula Krishna College of Engineering, Behind RTC Depot, Sullurpet, SPSR Nellore District dated 27.01.2018 for seeking financial support – Sanction - Regarding.

**Ref:-** 1. Your letter dated 27.01.2018.  
2. Note approval dated 21.02.2018.

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With reference to the subject and references cited above, it is hereby sanctioned the Project Proposals (2) Nos submitted by the Principal, Gokula Krishna College of Engineering, Behind RTC Depot, Sullurpet, SPSR Nellore District dated 27.01.2018 towards financial assistance. The details of the proposals are as under.

S.No.	Project Title	Estimated Cost of Project (Rs./-)
1.	Energy Harvesting in Speed Breakers using Piezo Electric Sensors	31500.00
2.	Wind Chill Refrigeration with Evaporative Cooler	50000.00
	Total:	81500.00

MEMBER SECRETARY(FAC)

To  
Dr.A.Subbarami Reddy  
Principal  
Gokula Krishna College of Engineering  
Behind RTC Depot  
Sullurpet, SPSR Nellore District  
Andhra Pradesh - 524121

Copy to : Accounts Wing, APCOST for information.



