

# VENTURE FOR INNOVATION, BUSINESS AND ENTREPREURSHIP



**VIBE**

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Innovation and Entrepreneurship Development Centre (IEDC) a flagship initiative of Kerala Startup Mission, Institution's Innovations Council (IIC) an establishment of Ministry of Education (MoE), Govt. of India and Technology Business Incubator (TBI) of GEC Kozhikode are jointly associated to systematically foster the culture of Innovation among students and academic fraternity of the institution and functioning in this institution under the head **VIBE**, which stands for Venture For Innovation, Business And Entrepreneurship. The IEDC and IIC regularly organizes programmes to promote the culture of innovation and entrepreneurship among students.

## INSTITUTIONAL COMMITTEE

1. Prof. SHYBA A (IEDC Nodal Officer, IIC President, TBI Coordinator, Asst. Professor, Dept. of Civil Engineering)
2. Prof. RASHID UMMER N T (IEDC Assistant Nodal Officer, TBI faculty Member, Asst. Professor, Dept. of Applied Electronics and Instrumentation Engineering)
3. Prof. MANOJ N (TBI faculty Member, Asst. Professor, Dept. of Chemical Engineering)
4. Dr. FRANCIS J. EMMATTY (TBI faculty Member, Asst. Professor, Dept. of Mechanical Engineering)

## EXECOM - 2022

1. YADHUKRISHNA. R (CHIEF EXECUTIVE OFFICER)
2. AYSHATH AMEERA AM (CHIEF OPERATING OFFICER)
3. IRFAN. M (CHIEF TECHNICAL OFFICER)
4. ASWIN S LAL (CHIEF MARKETING OFFICER )
5. RADHIKA SAJI (CHIEF CREATIVE OFFICER)
6. ASHIK K. K (CHIEF COMMUNITY OFFICER)
7. SAJAY SIVAPRASAD. P (CHIEF FINANCIAL OFFICER)
8. NANDANA LAKSHMANAN (SOCIAL OFFICER)
9. NASNIN HAMEED (CHIEF DOCUMENTATION OFFICER)
10. AVANI DINESH (CHIEF SOCIAL MEDIA OFFICER)
11. NANDANA S (SPACE MANAGER)
12. ASHAL SHAJI (SYSTEM ADMINISTRATION )
13. ARUNDHATHY P SHIBU (ASSOCIATE MANAGER)

## INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRES (IEDC)

The Innovation and Entrepreneurship Development Centres (IEDC) are platforms

set up by Kerala Startup Mission (KSUM) in Engineering, Management, Arts & Science Colleges, Medical Institutions, Polytechnics and Universities with an aim to provide students with an opportunity



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DEVELOPMENT CENTRE**



to experiment and innovate. IEDC of GECK started in the year 2015. IEDCs works as the first launch pad for a student's entrepreneurial journey and provide them with access to cutting edge technology, world-class infrastructure, high-quality mentorship, early risk capital and global exposure. The mission is to create IEDC as an Innovation Platform and to create future founders by promoting Innovation, Technology and Business Learning among student community. IEDC has provided assistance to budding entrepreneurs and innovators of GECK and has encouraged the student community by conducting various activities to develop entrepreneurial and innovative skills in students.

### **INSTITUTION'S INNOVATION COUNCIL (IIC)**

IIC an initiative of Ministry of HRD, MoE's Innovation Cell (MIC), Govt. of India established at GEC Kozhikode on 05<sup>th</sup> April 2022. The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform



them into prototypes while they are informative years. MIC has envisioned encouraging creation of IICs across selected higher education institutions. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses. After the establishment if IIC at GECK all the events related to innovations are organizing in associated with IIC.



### **TECHNOLOGY BUSINESS INCUBATOR (TBI)**

The Technology Business Incubator (TBI) at GECK is an initiative to provide a launch pad to budding entrepreneurs who wish to initiate themselves into the world of technology-based business careers. The TBI functions in the institute since 2006. TBI (new scheme) started in 2013-14. The primary goal of a Business Incubator is to facilitate economic development by improving survival and growth of new entrepreneurial units. Incubators accelerate the development of entrepreneurial company from idea stage to independent, self-sustaining, successful business. The facilities include software Development, Advanced Welding process such as TIG welding, MIG welding, Plasma cutting, Hydraulics Pipe Test apparatus, 3D printer etc. Library with books on Entrepreneurship, Start-ups and motivational books are available. The TBI has supported various student startups. Currently incubating a student's startup named Techfolio,

### **IMPORTANT EVENTS OF 2022:**

#### **1. IEDC SUMMIT**

A total of 10 students from GECK attended the IEDC Summit – 2022 hosted by St. Joseph's College of Engineering and Technology, Palai on 5th March 2022. It was a fruitful experience to network with a lot of likeminded people and attend various sessions. The Summit had a series of technology tracks, brainstorming sessions, interactive community meet ups and product exhibitions. Student innovators from various IEDCs exhibit their innovation at the IEDC Summit. Wonder Women Talk, a series of talks by well-known Women Entrepreneurs was one of the highlight of the summit. Workshop on latest technologies like Internet of Things, 3D printing, Industrial robotic arm, Virtual reality etc were also conducted.

#### **2. THE IEDC STALL DURING NOSTAL GECK**

The Alumni of GECK organized a meet, NostalGECK on 8<sup>th</sup> May 2022. The event brought back a lot of old memories and refreshing moments. Several stalls were prepared by all the cells of the college, namely, IEEE, IEDC, ISTE, NSS, etc. to enable them to advertise themselves.

The stall put up by the IEDC cell of GECK proved to be extremely beneficial as it allowed them to showcase their outlook and rationalistic approaches. All the previous works of IEDC were brought out vividly, along with a few books related to boosting the entrepreneurship and innovative skills of students and faculties were exhibited. Through this, the execom team were able to make the crowd aware of the cell and made them understand the importance of such a cell in a technological college.



### 3. INSPIRIA -2022

INSPIRIA 2022 focused on developing the sense of confidence among students to pursue their dreams and boost their spirits organized by MES College of Engineering, Kuttipuram, from 13 – 15 May, 2022. It was power packed with a set of events containing Inspirational talk sessions, Technical Workshops, Entertainment programmes and Games. 9 students of GECK IEDC EXECOM participated the event.

### 4. WORKSHOP ON PROTOTYPE | PROCESS DESIGN AND DEVELOPMENT-PROTOTYPING

The one-day workshop on "prototype/process design and development -prototyping" was conducted by institutions innovative council, NIT Calicut on 21.05.22. Students of GECK IEDC participated the event. The workshop indeed covered various concepts ranging from topics on assistance for prototyping given through incubation centre, additive manufacturing techniques for prototyping, development of lab scale prototype model and a final demonstration session. The session was truly beneficial and helped improving practical knowledge and skills for people from various fields including engineering students, medicos, law students and their faculties who were the audience for the event. The demo session helped the participants of the workshop to witness live 3D printing which was almost new to many. The attendees were also deeply described about the equipments, technology and specifications involved in 3D printing and prototype designing. Examples of succeeded entrepreneurs and their way to success ignited all and lit a spark in all their minds.

All the attendees were also provided with a chance to touch and feel 3D printed objects as well. The workshop helped to expand the knowledge on prototype design, the way of approach to prototype designing as well as on the possible help aids and centres for the same. The workshop was indeed a memorable and extremely beneficial opportunity to all those who participated.

## 5. ORIENTATION PROGRAMME

An orientation programme on the topic “Seeding Innovation and Entrepreneurship Culture in Technical Education” was conducted at ASAP room of GEC Kozhikode on 9th June 2022. Prof. SHYBA A (IEDC NODAL OFFICER) was the resource person. The session was Regarding all about IEDC cell. In the meet, All the details about IEDC, the need of IEDC and the extend upto which IEDC can mould a student was discussed. Prof. Rashid Ummer N T (Prof. AE & I dept and former IEDC Nodal officer) addressed the students and explained the importance of innovations and design thinking. Many students, including all the branches participated in the meet.



## 6. INNOVATION TO START-UPS AT NITC

The event 'Innovations to Start-ups' held at NIT Calicut was a brief one and half hours session taken by Rajesh Nair on 16 June 2022. His mission was to nurture a million children and youth from under-served communities into entrepreneurs. It was a fun, interactive session which included small activities. Outcome. He encouraged students and provided sight to innovative thinking for start-up.

## 7. SKILL HUNT

Skill hunt was an event put forward by IEDC GECK in order to sort out and identify the talents and skills of students from whole branches, so that we can provide them with opportunities accordingly. Skill Hunt survey started on 12 June 2022. 10-day time was given to students to submit the particulars of their skills. The motive of the event was to showcase the talents of the students and sharing those talents to the students who are interested to learn from them. The IEDC team was also able to provide the students with skills according to the requirement put forward by the students on the survey.

## 8. IDEATHON

An open stage to showcase ideas for GECK students. Notification was given on 24 June 2022. Till 14 July, students got opportunity to submit their ideas. The students were asked to come forward with an idea in the initial level and followed by a PowerPoint presentation in the subsequent levels. Many students are afraid to convey their ideas normally due to the fear of technical failure. Through Ideathon IEDC, GECK was able to make them to come out of it. In the first level 20 different ideas were submitted by students individually and in groups. 6 ideas are selected to second level. The final level competition will be held in the month of September. The best idea on innovation / entrepreneurship will be selected in this level, will be awarded and give project technical support for developing the idea to a prototype.

## 9. CAREER HACKING

A webinar on Career hacking was conducted on 28 June 2022. Mr. Mohammad Shameem, CEO, Quizent was the resource person. The objective of the session was to support students for preparing the best resume to grab the attention of recruiter, and to show the candidates uniqueness. The expert had explained the different sections and its importance in a resume. Around 75 students attended the session.



## 10. IEDC PROJECT EXPO'22

On 14th July, IEDC in association with IIC of GEC Kozhikode has arranged an programme regarding the project presentation of the students of GECKKD. This programme has been conducted as a part of developing innate thinking and technical competence. This programme has been conducted in direction of Prof. Shyba A(Nodal Officer GECKKD) and Prof. Rashid Ummer N T(Assistant Nodal Officer GECKKD).The presidential felicitation was given out by Prof.Shaji K(Principal in charge). The programme has been a big success from the part of students and faculty. The programme witnessed many innovative ideas from the part of under graduates and post graduating engineering students. The best innovative projects of each department were awarded. The Best innovative award on institution level has been given out for both B.tech and M.tech .The recipient of the B.Tech award were Mr.Karthik A, Mr.Ahas V, Ms.Hiba and Mr.Sidharth P and the project guided by Prof.Rashid Ummer N T. The recipient of the MTech award was Mrs. Fousiya TT and the project guided by Dr.Ahammed Muneer K V. The main objective of the event is to provide an opportunity for the students to showcase their innovations and learning experience with other department students and faculties.

