

## **BEST PRACTICES**

### **Best practice:1**

#### **1. Title of the practice: Kmea Innovation Council(KIC)**

#### **2. Objectives of the Practice**

- 1.To control all the innovation activities in KMEA Engineering College.
- 2.Design and implementation of short term courses suitable for boosting startups.
- 3.To establish innovative and startup ecosystem in the campus.
- 4.To provide data for ranking educational institutions based on innovative and startup activities organized in the institution.
- 5.To conduct different innovative and start-up activities to enable students to start a startups.
- 6.To provide a platform for performing student's ideation and prototype development needs.
- 7.To establish skill delivery platforms to link 150 colleges under KTU and to conduct various short term skill courses for students.
- 8.To plan and conduct projects exhibitions and innovative competitions.

#### **3. The Context**

KEC has formed a KMEA Innovation Council (KIC) to plan, coordinate and control all the activities leading to creation of startups by the students of the college. The purpose is to inculcate the culture of entrepreneurship in our students and thus to transform them as job creators rather than job seekers. It is a mother council which controls the different cells such as

- 1) IIC- KEC established as per guidelines of MIC- GOVT
- 2) ARIIA- KEC established as per guidelines of MIC- GOVT of India for ranking educational institutions based on innovative and startup activities organised in the institution.
- 3) IEDC- KEC established as per the norms of Kerala startup mission.
- 4) Electronic Incubation centre (Electronic Startup incubator) established by DIC to perform student's ideation and prototype development needs.
- 5) SDPK established by Govt. of Kerala, KDsc and KMEA Innovation cell.

#### **4. The Practice**

- 1.IIC KMEA has enabled our students to participate in MIC driven activities such as Smart India Hackathon.
- 2.IIC KMEA also participated in MIC ranking based on the performance of HEIs

3. We participated in the 19 ARIA ranking process, uploaded all the activities happening in our college.
4. We conducted innovative projects competitions, Idea fests, POC competitions and Exhibitions for school level and college level students.
5. Another notable activity was Entrepreneurs meet conducted where different entrepreneurs motivated the students.

## **5. Evidence of Success**

1. KMEA is proud to announce that we have six startups on our campus.
2. KMEA got best IIC ranking with 3 stars in the ratings conducted by MHRD innovation council.
3. The innovation team Nirmal Dorothy and members, guided by Dr. Rekha Lakshmanan has developed the business model for Automated Quality Assessment with Digital Image Processing. It has been selected for mentoring support and placed as finalist in the IIC National Innovation Contest 2020 organised by Ministry of Education's Innovation Cell, New Delhi.
4. Our POC team of Shifana V H was selected regional wise, national wise contesting and selected to participate international level in Canada.
4. KMEA is included in the 'PROMISING BAND' of ARIIA ranking for the academic year 19-20.
5. KMEA e-Yantra Lab supported by IIT Bombay worth 2 Lakhs was inaugurated on 3 June 2021 to spread the robotics and embedded system education in the campus.
6. Kerala Startup Mission Innovation and Entrepreneurship Development Cell (IEDC) is functioning in full swing by conducting ideathons, webinars, workshops etc.
7. DIC's Entrepreneurship Development Cell (EDC) started functioning in campus during July 2021 to foster the culture of entrepreneurship among staff and students of KMEA.

## **6. Problems Encountered and Resources Required**

1. To motivate students to become job creators rather than job seekers
2. Reluctance in allocation of research center to self financing institutions
3. Limitations in fund allotted to self financing institutions for creating entrepreneurship eco system.
4. Limitations in entry and usage of centers of excellence in start ups and research for students of private institutions.

## **Best practice: 2**

### **1. Title of the practice: KMEA Institutional Scholarship**

#### **2. Objectives of the Practice**

- i. To provide scholarships to the economically backward students.
- ii. To meet the semester fee and other fee requirements of needy students based on their economic condition.
- iii. To improve the commitment of faculty to their students.

#### **3. The Context:**

Many students who are admitted to the college come from economically weaker sections of the society and find it difficult to pay the semester fees. Rising to this situation, the staff of the college decided to contribute a part of their monthly wages towards the scholarship fund. This is in addition to the large amount offered by KMEA management as scholarship and fee waiver to needy students every year. This scholarship of staff of KMEA displays our commitment to the well being of our student community.

#### **4. The Practice:**

Each department identifies the needy students. These students are assessed based on their financial background and other factors by a team of staff of our college and management. For this purpose an amount contributed by each staff as per their wish and consent is collected by the office monthly and is transferred to institutional scholarship fund. A committee comprising of faculty members from each department and headed by a senior faculty monitors the implementation of the scholarship. A part of the tuition fees will be paid from the scholarship fund.

#### **Evidence of Success:**

An amount of Rs.1,49,620/- has been contributed to the tuition fee of many students which had enabled them to complete the course with this financial assistance.

#### **6. Problems Encountered and Resources Required:**

The number of students in need of the fund is very large and fund is limited.

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