**IES College of Engineering**

**Best Practices**

**Academic Year 2017-18**

**Practice I:**

**1. Title of the Practice:**

" Innovation & Entrepreneur Development Programmes - Startups"

**2. Objective of the practice**

- ➢ To promote an innovation driven entrepreneurship culture among the students
- ➢ To develop and promote commercially viable innovative products and solutions from the students.
- ➢ To promote a spirit of enterprise among budding technopreneurs
- ➢ To bridge the gap between Industry and academia.

**3. Context**

- ➢ IEDC Programme design systematically helps the Faculty in -charge to nurture the innovation culture among the young innovators.
- ➢ Beyond innovation, while engaging with IEDC activities, students are benefitted by an overall development in their personality, soft skills, technology skills and the 21st century skills.
- ➢ IEDC programme allow students to explore new ideas, test them and develop prototypes using the resources available in IEDC. IEDC system adopts a "learning by doing" philosophy and promotes "Do It Yourself" culture.

- IEDC programmes are designed in three distinct but connected verticals namely Innovation, Technical and Entrepreneurship. Students will be exposed to a number of interventions in these three areas.
- Phase 1: Innovation phase, students will be experienced the innovation thinking, tools of innovation and innovation mindset. Students will be experienced in design thinking, ideation which will help them to develop a new perspective towards social and community problems.
- Phase 2: Student will undergo a skill appreciation workshop and will be introduced to new technologies, future of work, concepts of computational thinking and other sectoral areas. Students are expected to take up efforts to upgrade skills in their chosen areas.
- Phase 3: Students will be exposed to business and entrepreneurship aspects through workshops and case studies. Tools such as Business Canvas Modeling workshops, Design Thinking workshops will be conducted in this phase. Students begin working in teams, towards solving the identified problems, leveraging their learning from the previous phases.

## 4. The Practice

| Sl.No | Programme | Date | Venue | Organisation | Number of participants |
|---|---|---|---|---|---|
| 1 | Workshop on LED Fabrication | 22/03/2018 | EEE Seminar Hall, IESCE | Organized by IEEE in association with IES-IEDC | 55 |
| 2 | Idea Contest'18 | 21/02/2018 | CSE Seminar Hall, IESCE | Organized By IES-IEDC | 38 |
| 3 | Orientation Program on Innovative | | CE Seminar | Organized by IES IEDC | |

| | and Entrepreneurial Skill Development – Startup Cognizance | 15/02/2018 | Hall | Resource Person : Mr. Shibin Mohammed T K , Faculty , EDI, India | 78 |
|---|---|---|---|---|---|
| 4 | VR Hands on Workshop | 27/10/2017 & 28/10/2017 | Programming Lab, Dept.of CSE Main Block, IESCE | Organized by Dept. of CSE in association with IES-IEDC<br><br>Resource Person : Mr. Umesh Yadav , IIT Delhi | 85 |
| 5 | IoT Hands on Workshop | 23/10/2017 & 24/10/2017 | Computer Lab EEE Block, IES College of Engineering | Organized by Dept. of ECE in association with IES-IEDC Resource Person:Mr. SubhamGupta ,Technical Expert-Team UTKRAANTI'18, IIT Kharagpur. | 68 |
| 6 | IEDC Summit 2017 | 19/08/2017 | Adlux International Convention Centre,Angamaly | The summit was Organized by Kerala Startup Mission. | 10 |

## 5. Evidence of Success

| Sl No. | Name of the Company | Founder Name& Contact Details | Brief about the company | Branch (Batch) | Evidence |
|---|---|---|---|---|---|
| 1 | 3rd Eye Security Systems | Mr. Aslam Basheer<br><br>dx.alsam@gmail.com<br><br>+91-9895428200 | Installation and services provider company with a team of young entrepreneurs and engineering professionals specializing in the highest quality security solutions , with branches in Thrissur & Bangalore | EEE (2013 - 2017) | http://3rdeyesurveillance.net/ |
| 2 | Zaconic Consulting Pvt Ltd | Mr. Alwin Lazar V.<br><br>alwinlazar46@gmail.com | Information Technology and Servicesba | CSE (2013 | https://www.zaubacorp.com/company/ZACONIC-CONSULTING-PRIVATE-LIMITED/U72900KA2019PTC127426 |

| | | +91-9745380321 | sed company | - 2017) | |
|---|---|---|---|---|---|
| 3 | nth Index | Mr. Ajith Ramesh C R ajithrameshcr@gmail.com +91- 7559973359 | Softttware firm of App developement | CSE (2013 - 2017) | https://www.zaubacorp.com/company/NT HINDEX-SOFTWARE-SOLUTIONS-LLP/AAX-2694 |
| 4 | Lemon blue | Mr. Ebrahim K K ebrahim@lemonblue.in +91-8943801853 | Software company based on Big data analysis , App developme nt | CSE (2013 - 2017) | - |

## 6. Challenges

- ➢ Limited budget
- ➢ Lack of expertise on how to form a digital strategy
- ➢ Lack of Managerial skills

## Practice II:

1. **Title of the Practice:**

   "School Empowerment Programmes"

2. **Objective of the practice**

   (1) positive sense of self

   (2) self- control

   (3) decision-making skills

   (4) a moral system of belief

   (5) pro-social connectedness.

3. **Context:**
   - IES NSS unit 186 started their school empowerment on 25/10/2017 Wednesday of this particular academic year.
   - The school empowerment programme was conducted on V.V.L.P school chittilappilly.
   - As a part of inaugration of school empowerment ,our NSS programme officer Joseph sir,Ass.programe officer Ms.Sruthy Girish accompanied with us to the school.
   - School headmistress welcomed us to their school and "she will be grateful to the NSS volunteers of IESCE for taking up our school for cleaning programme."she said in the inaugral address.
   - About 37 volunteers were attended the first day empowerment and it will be successful to a great extend.
   - Regularly various programmes were conducted related to career guidance, How to write board exams?, Tricks to and tips to score high in maths.

4. **The Practice**

| Sl.no | Programme | Date | Venue | Number of Participants |
|-------|-----------|------|-------|------------------------|
| 1 | School Empowerment Programme- Inaguration | 25/10/2017 | V.V.L.P school chittilappilly | 37 |
| 2 | Career Guidance Programme | 3/11/2017 | Sree Durga Vilasam Higher Secondary chool, Peramangalm | 100 |
| 3 | Environment Cleanliness Programme | 6/12/2017 | V.V.L.P school chittilappilly | 50 |
| 4 | How to write board exams?Tricks and tip to score high in maths | 16/2/2018 | Sree Sarada Girls Higher Secondary School | 150 |

5. **Evidence of Success**

   ➢ The young generations got confidence , knowledge, skills necessary for appearing to the board exams.

   ➢ Career guidance programme helped the plus two students to identify the various courses and narrow them down to make their own future decisions.

   ➢ Today's youth are tomorrows future. So they are build with good humanity and social responsibility.

6. **Challenges**

   Most of the students are from rural area. The challenges faced are

   ➢ low self-esteem

   ➢ depression and anxiety

   that are a source of great stress, which inhibits learning.

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