



## **Institutional Best Practices 2020-21**

### **Institutional Best Practice 1**

#### **1. Title of the Practice**

**Peer assisted learning for Teachers' capacity building- The CEI workshop**

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

CEI aimed to train the teacher participants in developing e-content, engaging the learners and interacting in a blended learning environment.

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

Peer Assisted Learning emerged as an essential pedagogy in higher education, in response to facilitators and learners seeking to meet the demands of their learning experience in the virtual classroom.

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

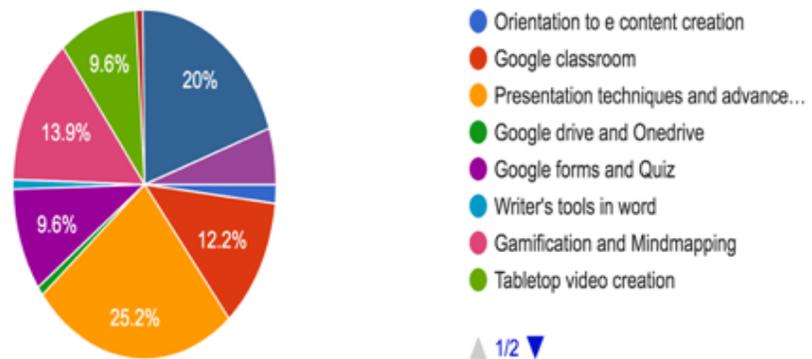
IQAC conducted a survey to assess preparedness of learners and facilitators for Online education. The analysis of the survey indicated the need to train. Through the LMS platform MS Teams provided by the institution, this online training could implement the core elements of collaboration, reflection, communication, self- and peer assessment.

#### **5. Evidence of Success**

In a span of six days topics that would help in teaching learning as mentioned in the graph were covered.

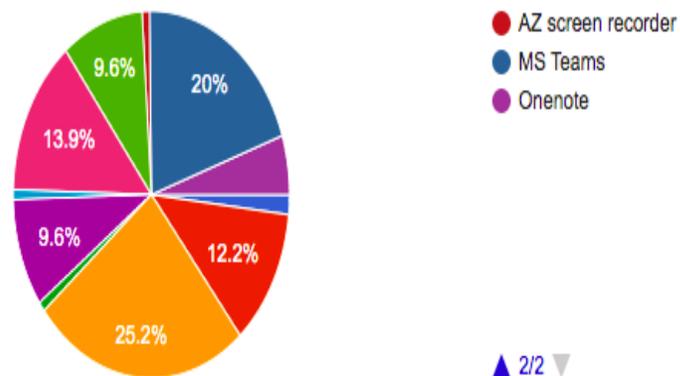
Which session, in your opinion, will help you the most in your regular teaching learning process?

115 responses



Which session, in your opinion, will help you the most in your regular teaching learning process?

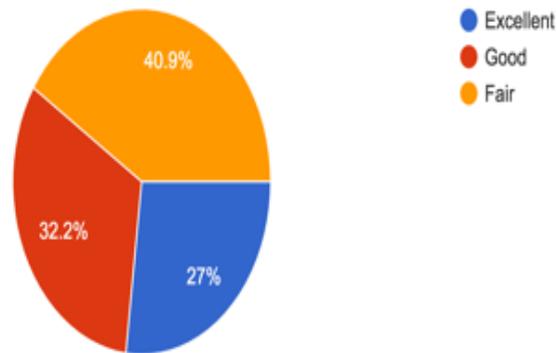
115 responses



A benchmark of faculty capacity building, 40.9% teachers had fair knowledge of topics before attending, minimized to 1% after attending.

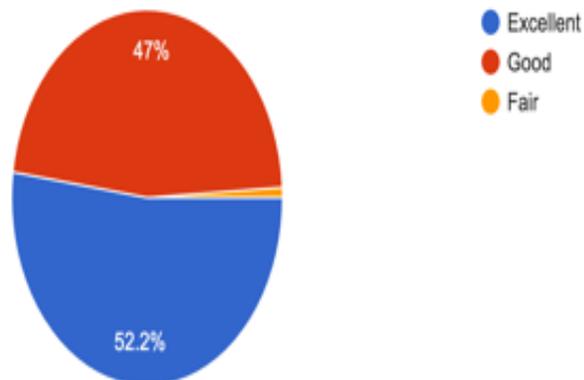
Please rate your overall knowledge about the topics covered before attending the workshop.

115 responses



Please rate your overall knowledge about the topics covered after attending the workshop.

115 responses

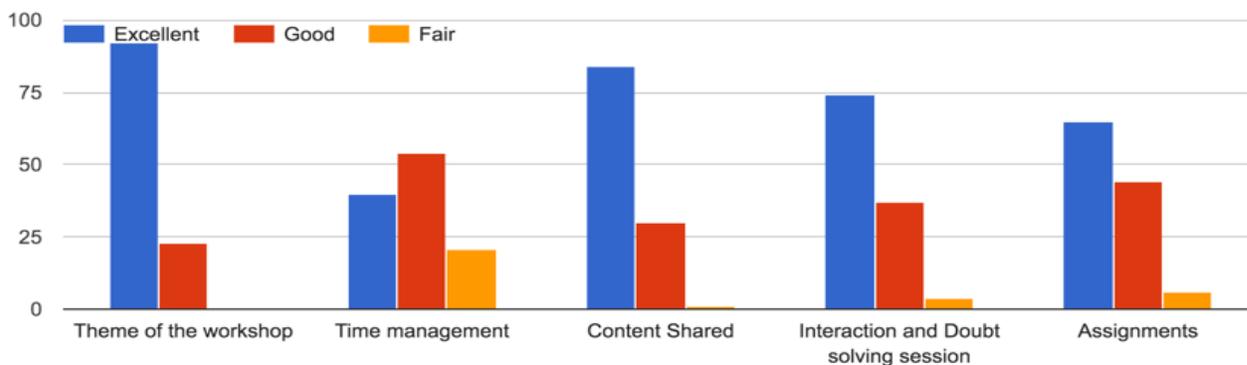


## 6. Problems Encountered and Resources Required

From 115 Teacher beneficiaries, 92 rated excellent; 23 rated good.

Within six days; discussing all aspects of online TLE satisfactorily, evaluating assignments and providing meaningful interaction, doubt solving was difficult.

Please rate the workshop on the basis of following aspects: (Rate it on the scale of poor to excellent)



## 7. Notes (Optional)

On the basis of the positive feedback, the Head of Institution recommended the IQAC team to implement a similar theme as part of its extension activity in the sister institutes of SIES.

## **Institutional Best Practice 2**

### **1. Title of the Practice:**

**Enhancing direct, indirect, experiential learning and research opportunities through Collaborative activities.**

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

To provide online learning and knowledge sharing opportunities beyond the curriculum through collaborative projects, internships and MOOCs, webinars, guest lectures.

### **3. The Context**

Collaborative capacity building activities during lockdown focusing on industry readiness, skill enhancement, acquaintance with new trends in technology and research were offered to the students to upgrade their knowledge and also gain certification.

### **4. The Practice**

In tune with the objectives of NEP, the institute explored collaborations by

1. Associating with online training institutes for MOOCs
2. Organizing collaborative guest lectures, training workshops and webinars
3. Providing internship opportunities and guidance for startup
4. Linking with research institutes for projects.

The lockdown imposed limitations, however SIES succeeded in collaborating effectively.

## 5. Evidence of Success

Guest lectures, Projects, In Plant training s, MOOCs, Value added courses, research and startup guidance through 5 MOUs and 9 Collaborations helped in enhancing skills of students and keeping them abreast with recent industry and international academic trends.

- ★ **2 online collaborative Value added courses with 2 credits each (53 beneficiaries)**
- ★ **SIES Coursera Campus Program -1400 free MOOCs completed by 655 users**
- ★ Technology enhanced learning on MOOCs Platform was possible for **163 beneficiaries** through a collaboration with the **NPTEL- IIT Madras.**
- ★ **INTERNSHALA 80 beneficiaries - Internships and training**
- ★ An MOU with **EXPERT NUTRACEUTICAL ADVOCACY COUNCIL (ENAC)** resulted into **40 beneficiaries, all students of the PGDFTN** program. The activities conducted includes guest lectures from industry experts; Internships for students and guidance for developing business model (Ahar Nutra Startup)
- ★ An MOU with **TRIZ Association of Asia** resulted in an **International Webinar** to Train the Faculties & Students on problem solving skills, which benefitted 130 teachers including 8 teachers from SIES.
- ★ An MOU with **Praja Foundation** resulted in a webinar on "**Functioning of Municipal Corporation of India and its challenges**", which benefitted **88 students**
- ★ An MOU with **EXPERTRONS - AI Video bot** assisted platform for cracking interview and entrances or internships was utilized by **317 students.**

- ★ Technology enhanced learning on MOOCs Platform was possible for 163 beneficiaries through a collaboration with the NPTEL- IIT Madras.
- ★ Project work/ In Plant Training was completed through collaboration with the following organizations
  - ❖ ACTREC, Kharghar: Project work ( 4 students)
  - ❖ Birla Institute, Jaipur : Project work (1 student)
  - ❖ Equinox, Vital nutraceuticals (through ENAC) - In-plant training: QA and QC (3 students)
  - ❖ Enviro care - In-plant training: Food testing; Digital Marketing(2 students)
  - ❖ Raptim Labs Pvt ltd In-plant training (1 student)
  - ❖ Spectrum Food Solutions : Digital Marketing(1 student)

## 6. Problems Encountered and Resources Required

The availability of internet and devices for online certification programs was a problem for students. Also encouraging students for offline project work was challenging during pandemic.

## 7. Notes (Optional) Nil



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