

## **BEST PRACTICES 2020-21**

### **Title of the Practice: Conduct of Student Research Projects and Internships**

#### **Objectives of the Practice**

- To enhance Skill development through training/projects in reputed labs, hospitals, industry
- To provide exposure and initiate them for further research

**The Context:** Designing of experiments, literature review, workflow, sample and data collection, experimenting and interpreting the results on a continuous basis is challenging.

#### **The Practice**

- Student selection is based on their academic performance and inclination.
- Implemented for II- and III-year students.
- Select Labs, Hospitals and institutes are identified and after signing an MOU, students are allowed to avail the training /project facilities with minimum fee.
- Limitations: Restricted intake number, logistics, additional
- Efforts to compensate regular class activities

**Evidence of Success:** Students who take up internships and projects are pursuing higher studies in top universities both in India and abroad and finding better employment opportunities. Also, many of them are pursuing and successfully completing Doctoral studies in top universities

#### **Problems Encountered and Resources Required**

- Submission of project reports within the time frame
- Continuous monitoring of students works and guidance needs extra hours
- Identifying the suitable labs /organizations
- Financial commitment

### **Title of the Practice: Scaling challenges during Covid time to have Uninterrupted Teaching, learning and evaluation**

#### **Objectives of the Practice**

To adapt, shift from offline to online in all aspects of teaching, learning and evaluation  
To train the faculty on using online tools and relevant software

#### **The Context**

Engaging students interest in online classes, virtual labs, simulations. attendance, safety and security on online platforms, timely completion of syllabus, continuous monitoring of learning outcomes through assignments, Faculty as mentors

#### **The Practice**

- Constitute an Online committee to coordinate
- Train Faculty by organising FDPs and workshops
- Conducted survey to know the preparedness of parents to classes and exams
- Classes conducted as per time table
- Choosing suitable online platform for teaching and attendance monitoring
- Exams also conducted online

### **Evidence of Success**

- Uninterrupted Teaching and learning
- Exams conducted and results declared as per almanac
- Students didn't miss out their academic year
- Final year outgoing batches could even attend and clear PG entrance exams without any difficulty

### **Problems Encountered and Resources Required**

- Regarding attendance, connectivity issues, lack of mobile data packages, long hours of screen time.
- But support by control room faculty, guidelines by online committee helped us scale through the challenges.