

Best Practices - 2021-2022

Practice-1:

Title of the Practice:

Setting up of skill development centres with the support from industry

Objectives of the Practice:

- Equipping students with the skill sets suitable for technology innovation
- Impart skill oriented short and long duration training programs students
- Develop appropriate skill practices through training, testing and certification to suit industry standards.

The Context:

There is large gap between the industry practices and student learning outcomes and hence it is necessary to empower the students with adequate skill sets that will enable their employment in relevant sectors and also improve productivity.

The Practice:

- Establish training centres with the resource persons from industry.
- Offer a variety of training modules to suit higher education or prospective career.
- Create online portals with high quality training database to practice.
- Continuously provide mentoring with experts from industry to apprise of the industry demands and relevant skill set.
- Establish incubation centres in specialized areas of Engineering.
- Invite industry and corporate to set-up incubation centres on campus.

Evidence of Success

Establishment of Dassault Systemes lab, Applied Robotics Controls lab and Extended reality (XR) lab

Problems Encountered and Resources Required

Problems encountered: Availability of trained technicians

Resources required: Space for establishing the labs and the trained teaching faculty and non-teaching staff

Practice-2

Title of the Practice:

Tie-ups with industry for student training and internships

Objectives of the Practice:

- To liaise with Tier-I industry and corporate for student training and internships
- To organize special awareness and training for students in developing the requisite skill set with the participation of industry experts
- To provide student internships in industry for real time experience

The Context:

World banks says "Global mega trends such as the rising role of technology, climate change, demographic shifts, urbanization, and the globalization of value chains are changing the nature of work and skills demands. To succeed in the 21st century labour market, one needs a comprehensive skill set composed of Cognitive, Socio-emotional, Technical and Digital skills. the institution is also focussed on student through training and internships to be competent enough

The Practice:

- Executing MoUs with industry for Joint Training Programs with Industry
- Liaise with industry for student development.
- Providing internship in core and IT industry

Evidence of Success

Programs organized in association with Coign, Talentio Solutions Pvt. Ltd., SMART Training Resources Pvt. Ltd, Barclays Connect, Basix Edu Service, Career Path Solutions Pvt. Ltd., APITA, IDGC, Andhra Pradesh State Skill Development Corporation, Reference Globe, Mission Ignite, ULS, FACE, Econstruct Design and Build Pvt Ltd, TAFE, Indian Blockchain Alliance/TPCRA World, CodeChef, ELEATION, Code Quotient, Eduskills

Resources Required:

ICT facilities, basic physical infrastructure and competent resource persons