

Best Practice 1

Title of practice:

Enhancing student skills to be industry adaptable

Objective of the practice:

The objective is to increase students' capacity and help them acquire the skills they need to be prepared for employment. Content beyond curriculum has been created to help students advance their technical, aptitude, and soft skills so they will be well-prepared for the job market when they graduate from this institution.

The Context

Industries appreciate excellence and knowledge of cutting-edge technologies. In this competitive employment market, knowledge on cutting-edge technologies helps them to land a job opportunity. A candidate's knowledge, abilities, and attitude are the three main things, industry looks for. Considering this, this program has been created with the students' best interests in mind.

The Practice

This practice gives the students a competitive edge to excel in their desired field by developing their personality and additional skills necessary to succeed in the workplace. This program is an add-on in terms of technical, aptitude and soft skills that enable our students to have a holistic view about themselves, realize their potentials and in turn make better career choices. The program goes together with the regular course of studies and extends from first year to final year. The details of the program are as follows: Python, MATLAB, AUTOCAD, STAAD Pro, GIS, Artificial Intelligence Applications, REVIT, IOT, Cyber Security, Cisco Certified Network Associate, Google Cloud, RedHat, Palo Alto, Data Analytics. Apart from the trainings mentioned above, aptitude and soft skill sessions, guest lectures, hackathons, project expo, internships are conducted throughout the year.

Evidence of Success

The effectiveness of a program is determined by its performance. Mentioning that this program is essential and assisting our flag bearers in achieving excellence in their technical and behavioural skills might not be out of place. The effectiveness of this practice is demonstrated by the Best Overall Performance Award by ISTE, CSI Excellence Awards, 727 placement offers. The maximum pay package received was 24 lakhs, followed by 19.5 lakhs. Few students received internships worth more than 1 lakh during their study. Many students also got admissions in post graduate programs in reputed academic institutions.

Problems Encountered and Resources Required

Every change brings challenges, and this program was no exception. Initially, it faced challenges in terms of course content, outsourced partners, budget, student acceptance of the program, and so on. However, problems were not permanent because they were solved and sorted out gradually over time. The course content and module requirements were outlined collaboratively by our stakeholders, corporate partners, and placement officers; outsourced partners were finalized, a budget was allocated, and students began accepting the program and expressing a strong desire to attend. At this point, it might not be incorrect to say that it has become an irrevocable part of our educational institution.