



BEST PRACTICES

Academic Year 2021-22

BEST PRACTICE – I

TITLE: CAREER COUNCELLING

1. Goal

- To help students in the proper choice of available career options.
- Organizing various skill development trainings to students and make them industry ready employee/ entrepreneur.
- Guiding the students towards their short and long term goals
- Impart training in communication skills, to improve their employment opportunities and arranges on campus and off-campus placement drives.
- Motivate students in pursuing their higher studies in national and International reputed universities/ colleges

2. The Context

Career counselling in the institution helps to align an individual student to reach their personal goals with professional aspirations, ensuring long-term career success and happiness. This personal counselling to the student makes them to understand their interests, strengths, and passions, leading to increased job satisfaction. Career Guidance is carried out in a scientific manner which helps a student to arrive at a better-informed choice of subjects. This helps the students to face challenges thrown up by a rapidly changing socio-economic-technological scenario at the global level.

3. The Practices

In our institution the career counselling starts from the first year itself and external motivational speakers are invited to address the students during the induction period itself.

Mentor – mentee system with faculty student ratio of 1:15 is effectively practiced in the institution to study and understand student personal traits along with their personal background. This helps the mentor to direct the student to choose a career according to their interest and shine in a better way.

Domain specific guidance on latest technologies is provided through center of excellence established in our institution. The courses are taught by an external agency with whom a Memorandum of Understanding is established wherein eminent persons in that domain guide and train the students to make them industry ready and employable. Students acquire the required skill sets on the latest technologies and obtain international level certification upon its completion.

An exclusive training lab is established in our institution under the “AICTE Idea Lab” wherein students gain their skill sets by having a hands on training. Development of new products and patents are encouraged through this facility. This boosts the morale and confidence of the students after their completion of the course of study.

Nine Skill Development courses starting from second semester to eight semester are offered in the curriculum which focusses on the career oriented requirements and makes the student employable in the market.

An exclusive Career and Professional skill development course is offered in sixth semester wherein external vendors are deployed to enhance the students aptitude, verbal and reasoning skills. They also provide training on group discussions, technical and HR mock interview.

Apart from the above, Career counseling is also given to students by bringing in the expertise from various industries and academic enterprises through various awareness sessions. MoU has been signed with various reputed and well known industrial sectors to provide students internship, training and industrial visits.

The institution has tie up with various professional bodies such as IEI, ISTE and domain specific societies through which technical presentations as well as workshops are arranged to expose our students to the requirements of the industry.

4. Problems Encountered and Resource Required

As our institution is located at rural area, the students admitted are from different cluster of academic backgrounds. To make them competent in their respective domain with skilling in company specific requirement is really a challenging task. Bridge courses are essential to make the average and slow learning students to cope with industrial requirements. Additional efforts need to be focused on the area of imparting training to students whose level of understanding and aptitude skill is less. A faculty member with additional responsibility of taking care of students is essential to achieve the objective of students choosing their own career in right path.

5. Evidence and Success

- With help of career guidance through mentor – mentee system students are able to face the campus interviews and participate in national level hackathons with confidence and brought laurels to the institution. The identified advanced level category students through mentor system has bagged awards in the competitions conducted nationwide every year by IT giants such as Infosys, TCS, Wipro etc. Also they emerged as winners and awarded with medals and cash prizes for their innovation in Smart India Hackathon wherein they display the talents on the latest technological innovation which they gained from our institution. The slow and medium level learners are motivated to participate in different events organized state wise and won prizes in technical and non-technical events.
- Post covid and during the recession time also about 83% of our students are placed in reputed companies with an average salary of 5.05 lakhs per year. Each year 10% of companies are added in the recruitment list and the median salary of the students also in the increasing trend. Core company placements are also in appreciable level. This is all possible due to the training given in-house to the students and skill development courses taught during their course of study.
- The internship of students is increased by the more number of MoU's with various organizations. There is an appreciable count of students moving to higher studies in reputed institutions in India and abroad.



BEST PRACTICES

Academic Year 2021-22

BEST PRACTICE – II

TITLE: STUDENT SUPPORT SYSTEM

1. Goal

- To extend support on academics and morale to students during Covid pandemic situation and post Covid.
- To facilitate and extend support on emotional quotients through mentor mentee system
- Extending support on learning system through central library and e –contents.
- To support and equip students on the latest technological advancements.
- To motivate and support students on the placement with higher package of salary

2. The Context

Students does not require support in only academic area of education, but emotional and social aspects of education of individual also demands support in the institution. In addition to subject knowledge and understanding, additional support being made available including personal development, counselling services, library support service, employment service, club, sports facilities are provided to cater the needs of the diversified students in the institution.

3. The Practices

During the covid'19, students were in online mode of attending classes. Google classroom was created and a separate id was generated to each student for login to attend the classes. All the notes were attached in the google classroom itself. Post covid after the situation turns to normalcy, the classes were in offline on alternate days following the government protocols and safety measures. The internal tests were conducted only in offline mode to motivate and encourage the habit of preparing and writing the tests in a professional manner.

The students attended the classes in offline mode after complete normalcy returned and classes were in regular mode. The central library is open from 8.00 am to 8.00 pm daily to facilitate the students in referring books and journals. A most comprehensive database and gateway to research information covering multiple subject domain by means of J-Gate is accessible to all students and faculties.

Animated and power point presentations are prepared by faculty to make students understand the concepts easily. Academic calendar is given at the start of the semester to facilitate students in preparing for their tests, model exam and end semester

examinations. The internal tests questions are trained as per the blooms taxonomy as the end semester question papers carries Outcome based questions in terms of blooms taxonomy and course outcomes.

Dedicated laboratory facilities are established in each department to establish practical concepts to students. The professional chapters and club activities are once again made functional with the same vigor as earlier prior to Covid.

A center of excellence is established in the institution to expose the students on the latest technologies wherein they gain international certifications.

The faculty student ratio is maintained at 1:15 so as to have The concept of mentor – mentee system is extended to all the students and are categorized into slow, medium and advanced learners. According to the student capability they are motivated and encouraged to shine in a better manner.

An efficient training cum placement cell is functioning effectively to impart training to students meeting the requirements of the industry.


AICTE sponsored Idea Lab is established to provide training on the latest technologies and hands on training is imparted to students make the product as a patent.

4. Problems Encountered and Resource Required

During the online sessions it was difficult to connect with students on the morale behavior and extra time and effort was needed to convince them and bring to the stream of practice in studying. Faculty need to follow up with them on the academics as well as personal issues to convince them. In online mode there were parents interaction and convince them on the importance of studying and safety during the pandemic. Post pandemic, there needs an extra effort by the faculty to bring back the attitude of students on the main stream of studies. Daily reminders need to be given to students on the usage of library to refer journals and train themselves in Idea lab to meet out the requirements of the industry.

5. Evidence and Success

- Even during the pandemic of Covid the end semester examinations were held in offline mode following the government protocols and safety measures so as to make students feel the importance of examination a professional one.
- Academic calendar is circulated at the start of the semester, the students could plan for their semester examinations well in advance and the results of the end semester examination are on par with the usual like the previous semesters with more than 85 pass percentage.
- The central library with more number of reference books and journals helps the students to publish their projects in reputed journals. Also students won prizes in various events conducted by other colleges nationwide.
- The involvement of professional chapters and clubs to the students helped them to work in a team and get exposed to latest technologies.
- The mentor –mentee system helped the slow learners to obtain their degree within the stipulated time which can be witnessed by 85 percentage of students getting their degree.

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- Through the training imparted to students from the first semester, over 80 percent placement with an average salary of 5 lakhs is witnessed.
 - 45 number of design patents are filed during this year due to the training imparted in AICTE Idea Lab and through the Center of Excellence established. Students are encouraged to participate in various national level hackathons and they also brought laurels to the institution.