

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Response:

Best Practice-1

1. Title of the Practice:

CAREER GUIDANCE AND PLACEMENTS

The context:

Accurate Institute of Management and Technology's main objective is to make the student for Industry ready and prepare the students with readiness to face any challenge in their life at any time. We believe that the number of years spent by the students on its campus is extremely impactful as that period witnesses their transformation from scholar to an entrepreneur, executives and successful technocrats. With a deep understanding of students and faculty mind-sets gleaned over two decades, the college has formulated list of practices within the Time Table to promote a culture of competitiveness and achieve laurels in their career.

The Practices:

Psychometric Analysis: For the students we conduct psychometric analysis by our certified Professional Mr. Subham Mani Tripathi. First the students are asked to give test having some questions to test their psychological level then their results are assessed. From this analysis we come to know their problem areas and their interest. After this we take their personnel interviews as a result of which we find out the strengths and weakness of each student and their interests and also their mental level. According to this all analysis, we plan for their future as to what extra-curricular and co-curricular activities need to be performed, do we require communication skill or language class for them , what should be the contents of their personality development programs as per their need and interest. Behind all this our focus is the all round development of our students and help them to attain their goal in life, by providing them the education and skills so that they can excel in their life.

Communication skill enhancement: All the first year students are attached to student counsellors. These mentors apart from academic counselling they also help the students to break their inhibitions to face extracurricular events and exhibit their talents with confidence. The skill enhancement includes memory games, tongue twisters and basic grammar using the play game methods etc. Also listening to audio and video clippings will serve the dual purpose of motivating

them and teaching them language. The language lab and soft skill course, which is specifically in English has a diagnostic test, where the tasks and questions are taken from workplace situations is being conducted and students are categorised in to four areas: listening, speaking, reading and writing. This develops, the competencies needed for current and future needs.

Interpersonal skills development activities: For the second year students the focus is on developing soft skills to develop their efficacy in handling situations. The focus for the third year and final year students is on employability skills. They are trained in developing a positive attitude, team skills, adaptability, negotiation skills, critical thinking and personality development. Thus, all these activities help in making students more employable and competitive in the global market.

Technical Training / Certifications: To keep in pace with the latest technologies pertaining to students desire and inclination, a technical value added course is organized for all the Second and Third year students. The course bridges the perceived technical competency gaps between academics and industry. The credentials gained through these courses are very helpful in placement and shows their preparedness to take up the challenge ahead. Certification Course provides a platform as well as resources to help students understand the recent advancements in various fields, which help them refresh & enhance their knowledge base.

Student Workshops: Our College organize workshops on current technologies in association with reputed industries as well as with MOUs organizations to impart necessary skills for best transition from an Engineering student to an Engineering Professional. These workshops enhance the theoretical concepts learnt by students with hands on practical sessions as well provides an outline for many emerging technologies that are not covered in the syllabus.

Live Projects: Live projects for engineering students gives an edge over the race of recruitment to work hard to ensure a good career. More than the employment practices in recent times students are progressively taking up live projects to pad up their skill set. In spite of practical concepts that one acquire, various industries also need to know students capacity to complete projects using their specific initiative. Hence, we recommend students to do short term live engineering projects during their four years of engineering.

Project Review Process: The best way to master a subject is by doing projects. Through the project, the students not only get a deeper understanding of the subject but also gain hands on practical experience. We insist our students to

choose the final semester project title in their area of interest from Smart India Hackathon (Initiative of Government of India) and other social issue related with the real time scenario in the third year itself. Based on their domain of interest, we allot team members and internal supervisors to each of the project batches and pave way for them to develop their practical and entrepreneurial skill. After title selection, the panel members conduct zeroth review for the students to check the feasibility of their project idea, relevance and applications.

Hackathon challenges: To establish a permanent platform to harvest the creativity and energy of our youngsters, we insist our students to participate in National level Coding challenges. Taking care of the safety and security of students, a staff coordinator accompanies the students and travel to various nodal centres assigned and encourage doing well in Grand finale. The Placement and Training Centre organizes additional training programs for the students to compete in these challenges.

Entrepreneurship Development Cell: The Entrepreneurship Development Cell (ACCURATE INCUBATION CENTRE) of our campus was established with the objective of creating, fostering and promoting the spirits of entrepreneurship among the students. AIC has created an atmosphere in campus to inculcate and enrich the entrepreneurial spirit by creating an accessible and exhaustive set of resources.

Technical Competitions: Technical competitions are where young brains get to showcase their skills and compete with others to find the best. Such inspiring events that happen in various colleges will guide engineers to dream bigger and make them realised. To provide this great platform, our college grants On duty permissions to all the students who desire to add colours to their resume. The prize winners of college level 'Intra department symposium' are encouraged and given priority to participate in the technical competitions in other colleges. A technical paper screening committee consisting of peer staff members is established at all departmental levels to guide the students to submit papers for symposiums. Our Chairman periodically meets and encourages these winners for their achievements. The event registration fees, travelling and food expenses are reimbursement to the winners who bag the title of the events. The deserving winners are brought to lime light by publicity through daily news papers and media TV channels. This makes the young minds highly motivated to do better achievements year by year.

Pre-Placement Activities:

Weekly Online Aptitude Assessments: As we understand that the assessments are a vital part in improving the students 'Aptitude skills. We offer the students an Interactive, learning-centric, user friendly robust test taking platform which gives immediate, insightful performance report with detailed explanation under CRT PROGRAM.

Quantitative Aptitude Programme: Ability to apply basic concepts of mathematics coupled with analytical reasoning skills to problem solving under CRT PROGRAM.

Mock Interviews: An opportunity to practice one's interviewing skills in an environment similar to an actual interview and to become familiar with interview questions and interview etiquette.

Coding Portal: Students are encouraged to register on online coding portal where students can practice and up skill the student's technical competency.

Evidence of Success:

Since last five years that we had implemented these student support activities, the outcomes of these measures are significant in terms of good number pass percentage, Good Placement records, and student Innovative projects awards and success in technical competitions etc. The evidence of success also could be measured through the publication of scientific research papers, which helped them to get R&D jobs, MS and PhD admission with scholarship in prestigious universities. Success stories are uploaded on our college website that has information about Student achievements and Innovations.

Best Practice-2

1. Title of the Practice: Village Adoption

Key Words: Awareness Programmes, Health, Hygiene, Education, Gramothan.

2. Objectives of the Practice

The institute has adopted a village, With reference to the adopted village, the institute aspires to bring constructive changes in the life of the villagers about educational and social issues. It also instils a feeling of service to society among

the students studying in the institute. The programme is executed under the aegis of AIMT Social work Unit.

3. The Context

The institute has a noble vision of Gramothan that signifies bringing a positive change in the lives of villagers who cannot afford the facilities easily available to the urban people. This is more crucial to the children who harness dreams to be at par with their urban counterparts. The programme connects the students of the institute to the children and elders of the village.

4. The Practice

The following activities are undertaken by the institute for Gram Astauli:

The volunteer students of the institute organize a seven day camp at the village every year. The camp holds various activities related to the sectors of health, education, safety etc. The students of the institute work in collaboration with the local village authorities to convert the village into a Smart Village. The volunteers have organized activities related to yoga, socio-economic survey, Medical camps, self-defence, water conservation and the importance of blood donation etc. The volunteers have also helped in renovation of the Gram Panchayat building. Health check-up camps are organized in which medicines are distributed freely.

Tree Plantation Hygiene training is provided to women folk of the village.

5. Evidence of Success

The institute has received an official letter of collaboration from the Pradhan of village Astauli. The Pradhan of the village has shown his trust in the institute for making the village a smart village. The volunteers of the unit have been successful in disseminating awareness about sanitary napkins, government schemes, scholarships for girls, Banking, Water conservation, Swachh Bharat Abhiyan, Swine Flu awareness, AIDS awareness, and about new technology in irrigation. The camps have also been successful in connecting various other government officials to this village who have promised to support the activities being organized in the village.

6. Problems

Encountered and Resources required the problems faced by the volunteers of the adopted village are related to building perspectives. A lot of villagers are yet to connect their girl children with the campaign drives. Although the local authorities extend their support, the internal understanding needs to be promoted on a larger scale.

7. Notes (Best Practice 1 & 2)

Both the practices mentioned above are the integral parts of the institute's vision. These practices have an existence for a long time and have started showing results now. The above-mentioned practices help develop values and awareness among the students.