



IMS

ENGINEERING COLLEGE, GHAZIABAD

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Institutional Two Best Practices 2021-22

Title of the Practice 1: MENTORING SYSTEM FOR STUDENTS

Objective of the practice:

- ▷ To minimize dropouts, improve performance and reduce stress of the students through personal counselling

Context:

- ▷ Students experience various types of problems due to stress which can be personal, academic, physical, or mental. Students are new to professional college life. It creates a lot of stress, especially to hostel students who are away from family for the first time. Students from educationally weak background feel complex and hesitations in class and unable to perform well due to inhibitions. Statistics reveal increasing number of suicides and dropouts. Considering the student-teacher ratio in classrooms, it is difficult at times to give personal attention to students in class. One solution, therefore, is a 'Mentor' who can form the bond with students in the true sense. Mentoring is required for students to achieve emotional stability and to promote clarity in thinking and decision making for overall progress.

The Practice:

- ▷ Each teacher is assigned a number of students for the complete duration of their study.
- ▷ They meet at least once a month to discuss, clarify and share various problems which may be personal or academic, etc.
- ▷ The mentors encourage the students to participate in co-curricular and extracurricular activities and sports.
- ▷ Their academic performance and participation in other activities are all well documented on the counselling cards.
- ▷ The mentors also keep in touch with the parents for their attendance, test performance, fee payment, examinations etc on weekly basis.
- ▷ The mentors also counsel the students when they face any emotional problem.
- ▷ When the students have any problem in any department either with the teachers, staff or with other students, the mentors speak with the respective person and sort out the problem.
- ▷ Mentors take special care of weak students, who are given advice on how to study, prepare a time table for study and clarify the doubts and also given notes to study.
- ▷ Chief Mentor of department takes the progress of counselling of students by mentors.

- ▷ Students' problems are discussed with the departmental heads as well as other faculties and then necessary action is taken to solve it.

Evidence of Success :

- ▷ Evidence of success of the practice includes university rank holders, better results in the examinations, improved attendance, less drop outs, increased participation in co-curricular and extra-curricular activities, better discipline in campus and respectful relationship between teachers and students. The students are more relaxed and have a healthy relationship with the staffs.

Problems Encountered and Resources Required

- ▷ This practice requires committed teaching staff who has the desire to help students beyond teaching hours. There are no limitations or constraints faced during implementation of the program

Title of the Practice 2 : BEYOND CURRICULUM INITIATIVES

Objective of the practice:

- To equip students with the much-needed domain skills that enable them to become a contributing part of the corporate world.
- To equip our students with minor specializations that prepare them to face new and upcoming changes in the professional world.
- To enable the students in the requisite Soft Skills/Transferable Skills to enhance their employability.

THE CONTEXT

The industry is evolving at a rapid pace, and we can already hear from the experts in the corporate world the murmurs of the industry moving from INDUSTRY 4.0 (automation & AI) to INDUSTRY 5.0, with an even more thin line difference between human and machine interaction to enhance the user experience – whether it is any product or service. After duly ascertaining this need by regularly interacting with professionals from the industry the management of our institution decided to establish a whole new vertical in this area – the Skill Development at IMS Engineering College that plays an instrumental role in increasing the employability quotient of our students.

Although it is an initiative to assist the improvement of the students, yet the main challenge is to motivate the students to become active participants in the process as these are non-credit courses and are being offered to them as a value-added course apart from the prescribed curriculum of the affiliating university. Wherever possible, some of the minor specializations on offer, by every department, are mapped to some of the elective subjects offered by the university to convert them into credit courses and empower students therein.

THE PRACTICE

- After their admission all the first-year students undergo an external party assessment to ascertain their English communication proficiency and the students' falling in the improvement category are trained for a definite number of hours.
- From the 2nd year onwards the choice of minor specializations is opened department wise for the students and they can opt according to their interest area.
- The Soft Skills faculty members from the Humanities & Social Sciences department also play a significant role by helping students in their personality development.
- Inspiring the students to be participative in these non-credit beyond curriculum courses.

Evidence of Success

Small steps taken in the right direction yield positive results over time and this has been proven by IMS Engineering College. The major accomplishment due to the concerted efforts of the institute in this direction has been a constant increase in the number of jobs offers for our students.

Problems Encountered & Resources Required

The biggest challenge of ensuring students' participation has already been taken care of by strictly implementing the institutional academic policy and as far as the required resources are concerned – the faculty members of the Humanities and Social Sciences department, and the faculty members involved in the Skill Development are all in-house resources who arrange for due interaction with alumni and industry personnel as & when required.