



AICTE

Student Induction Program
2018

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Introduction

The graduating student must have knowledge and skills in the area of study. However, one should also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which they would understand and fulfil responsibility as an engineer, a citizen and a human being. Besides the above, several meta-skills and underlying values are needed. One will have to work closely with the newly joined students in making them feel comfortable, reduce competition and make them work for excellence, build relations between teachers and students, give a broader view of life, and build character.



2 Induction Program

Students come with diverse thoughts, backgrounds and preparations. It is important to assist them adjust in the new environment and inculcate in them the ethos of the institution with a sense of larger purpose.

Keeping the above thought in mind AICTE proposes a 3-week induction program for the UG students entering the institution before the commencement of normal classes which will start only after the induction program is over. Its purpose is to make the students feel comfortable in their new environment, set a healthy daily routine, create bonding in the batch as well as between faculty, develop awareness, sensitivity and understanding of the self, society at large, and nature

The following are the activities under the induction program in which the student should be fully and actively engaged throughout the entire duration of the program.



2.1 Physical Activity

To inculcate team spirit, competitiveness, group cohesion and bonding as well as physical & mental health, physical activities like team sports, yoga, physical exercises should be conducted daily during early morning & evening. Activities like gardening may also be encouraged.





2.2 Creative Arts

Every student should choose one skill related to arts /visual arts/ performing arts like painting, sculpture, pottery, music, dance etc. to develop a sense of aesthetics and also to enhance creativity. The student should pursue it daily for the duration of the program.



2.4 Literary

Literary activity would encompass reading, writing and possibly, debating, enacting a play etc.



2.5 Proficiency Modules

To establish the command over skills like English, a computer familiarity etc. these modules can be taught earlier so that when normal courses start after the induction program, the student has already bridged that gap.



2.7 Visits to Local Area

Visit to the local area or a hospital or orphanage could be organized as this would familiarize them with the area as well as develop the understanding of the society.



2.3 Universal Human Values

Universal Human Values module will help the student to explore oneself and experience the joy of learning, stand up to peer pressure, take decisions with courage, create awareness about the relationship with colleagues and supporting staff in the hostel and department, etc.

Methodology for teaching this content is extremely important. It must not be through do's and don't's, rather it should let students to explore and think by engaging themselves in dialogues which can be best achieved through Group Discussions (GD). These discussions could be in small groups of about 20 students with a faculty mentor each.

The faculty must be from all departments and should be involved in this activity. Experiments done in this direction by IIT(BHU) are noteworthy and may be implemented to the extent possible.



2.6 Lectures by Eminent People

This module can be utilized for lectures by eminent people, say, once a week. It would give students exposure about people who are socially active.



2.8 Familiarization to Dept./Branch & Innovations

Students should be introduced to different methods of study compared to coaching that is needed at IITs. They should be told about what getting into a branch or department means, what role it plays in society, through its technology. Departments should also organise visits to their laboratories, workshops & other facilities so that students could get the information in advance about the facilities available in the institution.

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Schedule

Activities during the Induction Program would have an Initial Phase, a Regular Phase and a Closing Phase. The Initial and Closing Phases would be of two days each.

3.1 Initial Phase

Time	Activity
Day 0 Whole day	Students arrive - Hostel allotment (Preferably do preallotment)
Day 1 09:00 am - 03:00 pm 04:30 pm - 06:00 pm	Academic registration Orientation
Day 2 09:00 am - 10:00 am 10:15 am - 12:25 pm 12:30 pm - 01:55 pm 02:00 pm - 02:55 pm 03:00 pm - 05:00 pm 03:30 pm - 05:00 pm	Diagnostic test (for English etc.) Visit to respective depts. Lunch Director's address Interaction with parents Mentor-mentee groups - Introduction within group. (Same as Universal Human Values groups)

3.2 Regular Phase

After two days from the start of Regular Phase of induction; there would be steady programs to be followed every day. Some of the activities are on daily basis, while some others are at specified periods within the Induction Program. Sundays are off. Saturdays have the same schedule as any other normal days or have outings.

3.2.1 Daily Schedule

Sessn.	Time	Activity	Remarks
	<i>Day 3 onwards</i>		
	06:00 am	Wake up call	
I	06:30 am - 07:10 am	Physical activity (mild exercise/yoga)	
	07:15 am - 08:55 am	Bath, Breakfast, etc.	
II	09:00 am - 10:55 am	Creative Arts / Universal Human Values	Half the groups do Creative Arts
III	11:00 am - 12:55 pm	Universal Human Values / Creative Arts	Complementary alternate
	01:00 pm - 02:25 pm	Lunch	
IV	02:30 pm - 03:55 pm	Afternoon Session	See below.
V	04:00 pm - 05:00 pm	Afternoon Session	See below.
	05:00 pm - 05:25 pm	Break / light tea	
VI	05:30 pm - 06:45 pm	Games / Special Lectures	
	06:50 pm - 08:25 pm	Rest and Dinner	
VII	08:30 pm - 09:25 pm	Informal interactions (in hostels)	

3.2.2 Afternoon Activities (Non-Daily)

The following five activities are scheduled at different times of Induction Program and in batches.



1. Familiarization to Dept./
Branch & Innovations



2. Visits to Local Area



3. Lectures by Eminent People



4. Literary



5. Proficiency Modules

Activity	Session	Remarks
Familiarization with Dept/Branch & Innovations	IV	For 3 days (Day 3 to 5)
Visits to Local Area	IV, V and VI	For 3 days - interspersed (e.g., 3 Saturdays)
Lectures by Eminent People	IV	As scheduled - 3-5 lectures
Literary (Play / Book Reading / Lecture)	IV	For 3-5 days
Proficiency Modules	V	Daily, but only for those who need it

3.3 Closing Phase

Closing Phase will have two day scheduled activities related to Discussions and finalization of presentation within each group. Presentation by each group in front of 4 other groups besides their own (about 100 students). The second day will be for Examinations (if any). May be expanded to last 2 days, in case needed.

Time	Activity
<i>Last But One Day</i> 08:30 am - 12 noon	Discussions and nalization of presen- tation within each group
02:00 am - 05:00 pm	Presentation by each group in front of 4 other groups besides their own (about 100 students)
<i>Last Day</i> Whole day	Examinations (if any). May be ex- panded to last 2 days, in case needed.

3.4 Follow Up after Closure

The groups which are formed should function as mentor-mentee networks. A student should feel free to approach his faculty mentor or the student guide, when facing any problem, whether academic, financial, psychological etc. (For every 10 undergraduate students beyond 1st year, there should be a senior student as a student guide, and for every 20 students, there should be a faculty mentor.) The group should remain same for the entire 4-5 year duration of the stay of the student.

Following are some important points for follow up after Closure:

3.4.1 Follow Up after Closure - Same Semester

The groups should meet with their faculty mentors once a month, within the semester after the 3-week Induction Program is over. This should be a scheduled meeting and indicated in the semester timetable. (The groups however should be free to meet together on their own more often)

3.4.2 Follow Up - Subsequent Semesters

In order to maintain the continuity in subsequent semesters.

It is suggested that at the start of the subsequent semesters (up to fourth semester), three days be set aside for full day activities related to follow up of Induction Program. The students should be shown inspiring films, do collective art work, and group discussions should be conducted.

Subsequently, the groups should meet at least once a month.

3.4 Summary

Engineering institutions were set up to generate well trained manpower in engineering with a feeling of responsibility towards oneself, one's family, and society. Since substantial percentage of incoming undergraduate students are driven by their parents and society to join engineering without understanding their own interests and talents, most students fail to link up with the goals of their own institution

The Induction Program is designed to make the newly joined students feel comfortable, sensitize them towards exploring their academic interests and activities, reducing competition and inspire them work for excellence, promote bonding within them, build relations between teachers and students, give a broader view of life, building character.

The Universal Human Values component, which acts as an anchor, develops awareness and sensitivity, feeling of equality, compassion and oneness, draw attention to society and nature, and emulate renowned personality traits in their character to follow through.





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