



# **VARDHAMAN COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

Shamshabad, Hyderabad - 501 218

**Department of Freshman Engineering**

**Report on Induction Program**

**19/07/2018 to 25/07/2018**

## **Background**

Engineering colleges were established to train graduates in their respective branch/department of study, have a holistic outlook towards life, and have a desire to work for national needs and beyond. The graduating student must have excellent knowledge and skills in the area of his study. However, he/she must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he/she would understand and fulfil his/her responsibility as an engineer, a citizen and a human being. Besides the above, several meta-skills and underlying values are needed. There is a mad rush for engineering today, without the student determining for himself his interests and his goals. This is a major factor in the current state of demotivation that exists among UG students towards studies. The success of gaining admission into a desired institution but failure in getting the desired branch, with peer pressure generating its own problems, leads to a peer environment that is demotivating and corrosive. For some, the start of hostel life without close parental supervision at the same time further worsens it with also a poor daily routine.

## **Introduction to Induction Program**

In order to overcome the above situation, a multi-pronged approach is needed. One will have to work closely with the newly joined students in making them feel comfortable, allow them to explore their academic interests and activities, reduce competition and make them work for excellence, promote bonding within them, build relations between teachers and students, give a broader view of life, and build character. When new students enter an institution, they also come with diverse thoughts, backgrounds and preparations. They come into a new unfamiliar environment, and many of them have little knowledge of a university/college. An important task, therefore, is to welcome the new students to higher education and prepare them for their new role. Transition from school to university/college life is one of the most challenging events in a student's life. Therefore, as per the new Curriculum, AICTE has made it mandatory to all the Technical institutions including Engineering Education to conduct three weeks of orientation program as Induction Phase for the first year students who have newly joined the respective institutions. As part of Vardhaman family, three weeks Induction phase was divided into three

phases. First of all, phase one was completed successfully in the month of July-August for seven days. Therefore, it should be taken seriously, and as something more than the mere orientation program.

## **Objectives**

The purpose of the Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self exploration.

The term induction is generally used to describe the whole process whereby the incumbents adjust to or acclimatize to their new roles and environment. In other words, it is a well planned event to educate the new entrants about the environment in a particular institution, and connect them with the people in it. Student Induction Program engages with the new students as soon as they come into the institution; regular classes start only after that.

At the start of the induction, students learn about the institutional policies, processes, practices, culture and values, and their mentor groups are formed. Then the different activities start, including those which are daily. Here is a list of activities as give below:

- ❖ Physical Activity
- ❖ Creative Arts and Culture
- ❖ Mentoring and Universal Human Values
- ❖ Familiarization with College, Dept./Branch
- ❖ Literary Activity
- ❖ Proficiency Modules
- ❖ Lectures & Workshops by Eminent People
- ❖ Visits in Local Area
- ❖ Extra-Curricular Activities in College
- ❖ Feedback and Report on the Program

The time during the Induction Program is also used to rectify some critical lacunas, for example, English background, for those students who have deficiency in it. These are included under Proficiency Modules. There will be a 3-week long induction program for the UG students entering the institution, right at the start. Normal classes start only after the induction program is over. Its purpose is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature.

## **Induction Program**

The first phase of Induction program was conducted in the month of July from 19/07/2018 to 25/07/2018 ,as part of three weeks program envisaged in the beginning of the programme. The program was attended by all the first year students for their motivation, character building, and perseverance in all spheres of their life. There were a number of motivational speakers, soft skill trainers, personality development trainer and life skills coaches were part of this program that motivated the students. First hour of the program was given to the students to make presentation on different topics related to soft skills, personality development, and other relevant issues. For their presentation, students were screened through their presentation and selected candidates were given the opportunity to make their presentation.

### **Activities**

The key speakers for the first phase of induction programme were eminent people who have marked their presence in all fields that stand closer to engineering education and industry. Along with the wide array of activities that were brought to the Induction Program, the students were made to be familiar with the attitude and thought process of several eminent people as well as different meanings of life through visits to places of importance as well.

#### **1. Mr. Srikanth Surampudi**

The chief guest of the first day of Induction Programme Phase One was Mr. Srikanth Surampudi, General Manager (HR) and Regional Head of Tata Consultancy Services, Hyderabad. He gave a scintillating speech regarding the importance of engineering education for the growth of industry as well as nation and the need to facilitate professional attitude amongst the students to groom them for a productive future. He emphasised on the importance of finding balance in student as well as professional life to nurture the potential of a human being. He urged the students to grab every opportunity to improve their communication skills.

#### **2. Dr. S Sai Satyanarayana Reddy**

Dr. S Sai Satyanarayana Reddy, Principal (VCE), conducted a session titled 'Academic Advising', a highly informative class on the rules, regulations, processes and practices at the Vardhaman College of Engineering. This session gave students valuable information regarding the different parameters used to assess the skills and knowledge levels of students throughout the duration of the programme. He spoke in detail about attendance, mid semester exams, end semester exams etc. and informed the students of the ways in which subject knowledge is imparted in the institution. He presented to the students the

idea of 'Outcome Based Education' and how it differs from the methods of education that they had gone through until now.



### **3. Mr. Appala Prasad**

Mr. Appala Prasad received a rousing welcome from the audience as one of the speakers of the second day of the first phase of the Student Induction Programme. As an activist, a social reformer and a known nationalist, Mr. Prasad spoke in length about 'Patriotism and Youth in Nation Building', a topic that received wide acceptance from the audience.

### **4. Mr. Mohammad Miah**

Mr. Mohammad Miah, a famous teacher and an active member of the Jana Vignana Vedika, gave a talk on the topic 'Human Values and Relationships'.



### **5. Mr. Anirudh Bose A V**

Mr. Anirudh Bose A V, a famous mental well-being coach from the Heartfulness Institute, Hyderabad gave a speech on the rare topic 'Overall well-being through Heartfulness Relaxation & Meditation', which involved a wide variety of breathing exercises, meditation techniques and body relaxation methods for the benefit of the students to keep their body and mind under control and calm at all times.

## **6. Dr. K Pandu Ranga Rao**

Dr K Pandu Ranga Rao, HR and Admin of IVRCL Pvt Ltd, delivered a lecture on the topic 'Attitude is Everything'. Through his speech, he made it clear for the students that along with academic excellence, they should also have a cheerful as well as positive attitude for life that would bring great changes to them professionally and personally.

## **7. A Visit to Kanha Shanthi Vanam**

One of the highlights of the first phase of Induction Programme was the students' visit to Kanha Shanthi Vanam, a place of meditation and human well-being in Hyderabad. Students were accompanied by faculty as well and the ashram, the abode of the philosophy of heartfulness, arranged the programs for the day with utmost care and importance. The activities were divided into pre-lunch and post-lunch sessions. The first activity was meditation by an expert who gave students a detailed understanding of what happens to the body and mind when they are allowed to rest and focus on one thing at a time. The second phase of meditation started as a post-lunch activity and focused on how to bring the body under the control of your mind through detailed, step by step mediation process. After the sessions, the students were asked to write their feelings anonymously to be submitted to the spiritual guru to be answered upon. The visit to the Ashram helped the students to freely interact with each other and with the faculty.

## **8. Mrs. Lakshmi Surapaneni**

The final day of the first phase of the Induction programme opened with a highly motivating talk by Mrs. Lakshmi Surapaneni, a highly successful software professional working in the healthcare administration services in Hyderabad. Her talk was on the topic 'Self-Management', which gave students of what professional life would be once they conclude their programme and step into the world outside. The talk gave students an opportunity to take a quick glance at the basic understanding of the term as always used in institutions offering professional courses.

## **9. Mr. Gampa Nageshwar Rao**

The final day of the first phase of Student Induction Program ended with a scintillating talk by Mr. G Nageshwar Rao, an eminent psychologist, soft skills trainer and motivational speaker. He gave two talks on different topics; 'Personality Development and Soft Skills' in the pre-lunch session and 'Leadership Qualities and Stress Management' in the post-lunch session. Both sessions received wide applause from the students.

## **Students Feedback**

Students were given feedback forms in order to collect feedback on the sessions that were conducted in the first phase of the Student Induction Program. The feedback form allowed students to evaluate a particular session based on several criteria; content delivery, comprehensibility, clarity of expression, level of preparation, level of interaction and level of motivation. All the sessions were thus evaluated and the forms collected for future reference in choosing topics for the Induction Programs.

## **Conclusion**

After the careful analysis of the feedback from students, both orally and through the feedback form, it is noted that students enjoyed the talks arranged for the first phase of the Student Induction Program. Students have also been encouraged a lot by the talks on 'Self-Management' and 'Soft Skills' to such an extent that some students have come forward to demand that a platform be given to them in the second phase of the Student Induction Program to showcase their talents in public speaking as well as for other cultural activities.

## **Report on Induction Program**

**13/08/2018 to 18/08/2018**

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- ❖ Feedback and Report on the Program

The time during the Induction Program is also used to rectify some critical lacunas, for example, English background, for those students who have deficiency in it. These are included under Proficiency Modules. There will be a 3-week long induction program for the UG students entering the institution, right at the start. Normal classes start only after the induction program is over. Its purpose is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature.

### **Induction Program**

The second phase of Induction program was conducted in the month of August 13/08/2018 to 18/08/2018 as part of three weeks program. The program was attended by all the first year students for their motivation, character building, and perseverance in all spheres of their life. There were a number of motivational speakers, soft skill trainers, personality development trainer and life skills coaches were part of this program that motivated the students. First hour of the program was given to the students to make presentation on different topics related to soft skills, personality development, and other relevant issues. For their presentation, students were screened through their presentation and selected candidates were given the opportunity to make their presentation.



## Key Speakers

The list of speakers who contributed to nurture students' soft skills and personality are Mr.K.V.N.Karthik, Mr. Sudheer Sandra, Mr. Mohammad Shakir and Mohammed Miah. These four speakers for morning and afternoon session with different topics to be talked about. These sessions were really interactive with students and most of the students participated in the activity instructed by the motivational speakers. The list below will be discussing the names of the speakers with their valuable points which they talked about during Induction phase two program.

Following are the names of the speakers with their invaluable suggestions to the students:

### 1. Mr. K.V.N. Karthik

Mr. Karthik is well known face in the field of recruitment, training as well as a youth icon for this generation in the area soft skill training. He strictly believes in 'Knowledge is Power' and that knowledge come from Practice. In his session, he discussed about goal setting, interview skills, group discussion and presentation skills. His ice-breaking activity and brainstorming sessions in the afternoon were excellent and it would help the students to analyse their career goal logically and look closer to their life.



## **2. Mr. Sudheer Sandra**

Mr. Sudheer Sandra, had delivered his talk on how to spread happiness in others life and ultimately make India suicide free in both the morning and afternoon session. His speech helped the students to think positive and remain happy in any circumstances. The students were rapturous throughout the program and he got an overwhelming response from students. Further, he also explained the value of twenty six characters and these characters are vital in moulding the personality of each individual. After his sessions, students were ready to face the challenges of their lives.



## **3. Mr. Mohammed Miah**

His sessions contained the importance of developing/improving human relations. He motivated the students through folk songs with the help of students; therefore, the students were remained focus and happy. In addition to the songs, he also talked about the importance of connecting with people with various cultural, social and economic backgrounds. Finally, he attempted to invoke the feeling of patriotism among the students towards making India as a great nation.



#### **4. Mr. Mohammed Shakir**

Mr. Shakir is a personality trainers and his talk was interesting, eye opener and useful for the colourful life of future engineers. During the sessions, students noticed a great motivating quality in him. All the first year B.Tech students were mesmerized by his immense talent, calibre, will power and determination. As a result, he has developed super memory which was unfolded to the students. He further stressed on the topic such as self-motivation, time management, and entrepreneurship and to prepare a professional resume. His sessions were quite fruitful to the students of our college and we hope that they would carry it throughout their lives.



#### **5. Students Presentation/Participation**

Twelve students who were shortlisted through screening also made their power point presentation on topics such as soft skills, personality development, Addiction, Food wastage etc. It was a great learning experience to all of them as they were making presentation in front of eight hundred students and faculty. Dhruthi M Chaudasia (IT-B) shared her opinion after the presentation as unforgettable and she would cherish it throughout her life.

##### **Students Feedback**

After each and every session, feedback forms were distributed to the students to take their response regarding the sessions and the resource persons about content delivery, comprehensibility, clarity of expression, level of preparation, level of interaction and level of motivation. All the students provided the feedback and it is filed in the Induction phase file.

##### **Conclusion**

Induction program phase second ended on high note with higher order thinking and applying learning into the real life. The initiative to introduce Induction Program to the

B.Tech first year students is highly appreciating. These sessions prepared the learners to face the upcoming challenges and setting goals, time management, self-belief and self-motivation and also helped them to become discipline in their personal and professional career.

### **Report on Student Induction Program**

**1<sup>st</sup> – 6<sup>th</sup> October, 2018**

#### **Background**

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school to university/college life is one of the most challenging events in a student's life. Therefore, as per the new Curriculum, AICTE has made it mandatory to all the Technical institutions including Engineering Education to conduct three weeks of orientation program as Induction Phase for the first year students who have newly joined the respective institutions. As part of Vardhaman family, three weeks Induction phase was divided into three phases. The first phase of the Student Induction Programme concentrated on getting the student community to familiarise with the academic methods of the institution along with its rules and regulations regarding the engineering programme. The second phase of the Student Induction Program concentrated on getting the students introduced into the world of engineering and professionalism with the help of experts from the industry, through talks, seminars and one-day workshops in areas related to their interests.

### **Objectives**

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### **Induction Program**

The third phase of Student Induction program was conducted in the month of October, 01/10/2018 to 06/10/2018, as part of three weeks program envisaged in the beginning of the programme. If the first two phases of the Student Induction Programme concentrated on the first year students for their motivation, character building, and perseverance in all spheres of their life, the third phase of the Student Induction Programme concentrated in giving students a platform to identify their skills in a manner befitting the future entrepreneurs. Giving students a chance to understand their own skills was the goal of the third and final phase of the Student Induction Program. As part of this, several activities were conducted in the first year block, ensuring active participation from the students.

#### **1. Essay Writing Competition**

As part of the third phase of the Induction Programme, an Essay Writing Competition was organized on the first week of October, 2018, at the Department of Freshman Engineering, Vardhaman College of Engineering.

A first phase of Essay Writing Competition was held in the classrooms, as part of the CCA Sessions, in the first week of October to find talented students. The second phase was conducted on the 3<sup>RD</sup> October, 2018 to filter out the best essays. The third and final stage of Essay Writing Competition was held on the 3<sup>rd</sup> October, 2018.

The topic selected for the final phase of the competition was ‘Global Warming – Reality or Myth?’ Students were instructed to write an essay of 300 words, emphasising their opinion and substantiating it with facts and popular notions. Out of the thirty six students selected for the final phase of the competition, three were declared winners after careful scrutiny of the essays based on three major criteria – content, organization and language.

Two facilitators evaluated the thirty six essays on the above mentioned criteria and awarded marks independently. Those marks were again calculated and the winners were declared based on the average marks from the two evaluations.

No	Name of the Student	Roll Number	Section
1	T N Gayana	18881A0158	C.E.
2	KaithaSravya	18881A0425	ECE A
3	P Raja Shiva Ram	18881A05G5	CSE C

## **2. Student Presentation Competition**

As part of the third phase of the Induction Programme, a Student Presentation Competition was conducted on the 5<sup>th</sup> of October, 2018.

The Student Presentation Competition had inspired many students to come forward as the CCA classes were already giving platform to students for their mini-presentations. ‘Presentation Skills’ as a topic was added to all the CCA lesson planners and the faculty had given classes on various aspects of this professional skill. Students who were enthusiastic about the competition gave their names and the first round was conducted in the classrooms themselves. A selected number of students were listed out for a final round which was scheduled on the 5<sup>th</sup> of October, 2018. Out of the sixteen students listed out, nine were selected for a final round.

Two facilitators dictated the terms on which the presentations were conducted. Students were instructed to make their presentations based on Power Point. They were also informed of a strict ten minutes time limit out of which two minutes were allotted for discussions. Based on a five point criteria, the students were evaluated spontaneously and marks were given by both facilitators. Based on the average of the two grades winners were determined.

The list of winners is given below:



S.No.	Name of the Student	Roll Number	Section
1	K Thanay	18881A1285	IT-B
2	B. Gautham Sai Reddy	18881A05J7	CSE-D
	Md. Samiuddin	18881A04F5	ECE-C
3	V Shravanth	18881A04H7	ECE-C

### **3. Debate Competition**

As part of the third phase of Induction Programme, a debate competition was conducted on the 6<sup>th</sup> and 8<sup>th</sup> of October, 2018, at Freshman Engineering, Vardhaman College of Engineering.

The Debate Competition followed by the Essay Writing Competition invited a lot of attention as many students registered their names on the day of the issue of the notification itself. A list of students registered for the competition is attached with the report for reference. As per the discussions conducted with the Head of the Department, it was decided to conduct the debate in three rounds.

A preliminary round was scheduled on the 6<sup>th</sup> October (Saturday) at the Me-B classroom. Students were divided into teams of six each. Two teams faced each other, debating on topics selected from a list of topics with contemporary importance. Individual performances were graded by two facilitators following the same matrix. After the first elimination rounds, the afternoon session focused on two semi-final rounds from which two teams were selected. They faced each other in one final round out of which four winners were selected for the first three places. Two students tied, in terms of points earned, for the third position. The list of winners is given below:





No	Name of the Student	Roll Number	Section
1	B Vaatsalya	18881A0308	ME A
2	T Anvitha	18881A05P7	CSE-D
3	R Sahithi Lakshmi P Rohan Raj	18881A04A6 18881A0341	ECE-B ME A

### **Conclusion**

The activities conducted as part of the third phase of the Student Induction Programme succeeded in generating a lot of curiosity and interest in the student community. Requests were made through class-in-charges and class representatives regarding the frequency of these activities in the coming months as well as the next semester. Taking into account of the number of requests and the benefits these activities might provide to the students, the department of Freshman Engineering decided to form two clubs – Horus and Inion – to increase and improve upon on the student activities, both curricular and extra-curricular, in the department.

**HOD, Freshman Engineering**