



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
**Autonomous Institute Affiliated to JNTUH**  
**Shamshabad, Hyderabad**

**Report on Phase II Induction Programme for First Year Students – 2019-20**

Induction Programme Phase two was conducted for the students admitted to B.Tech during the academic year 2019-20. With reference to the above, regarding the implementation of AICTE mandatory three week Induction Programme for the students admitted to B.Tech. Programmes during the academic year 2019-20. The first phase of the induction program was conducted in the month of August 2019 for two weeks. The second phase of Induction Program was conducted on 02/01/2020 as part of three weeks of program proposed by AICTE. This second phase of Induction program will be conducted for one week.

**Day-1 (02-01-2020)**

**Session 1**

**Speaker Details: Ms. Qudrat Bhatia**

**Topic: Profile Creating**

First session was started by Ms. Qudrat Bhatia on writing resume and later one discussed self –introduction as part of Interview skills. Ms. Bhatia is trainer par-excellence and work for many corporate in the past and currently works as a trainer for Vardhaman College of Engineering.

She discussed how to write an effective resume in order to get success in life. She stated that a resume is a short document used to summarize a job seeker's experience and qualifications for a prospective employer. A resume includes the job seeker's contact information, work experience, education, and relevant skills in support of a job application.

Next, she said that the resume is arguably the most critical part of the modern job application process. Writing the best resume possible is more important than ever now that online job postings routinely attract hundreds if not thousands of applicants. A well-organized, tailored resume will increase your chances of landing an interview while a poorly written resume could get lost in the sea of applicants. She gave some important points to the students so that they can learn to write an effective resume. These points are Pick a resume format with the sections you need

1. Always include contact information, work experience, and education

2. Use traditional headings for maximum compatibility
3. Include applicable skills directly from the job description
4. Replace basic job duties with impactful accomplishments
5. Don't include an outdated objective statement or references section
6. Proofread and double-check what you've written
7. Save the resume as a DOCX file (preferred) or PDF.

In the latter half of her talk, she put emphasis on Self-Introduction while appearing for interview. She stressed some of the important components which usually play key role while appearing for interview. She talked about six points which are relevant in the context while making self-introduction. They are smile, stand up and hand shaking, quality of handshake, handing over the resume, using good manner and being humble, talk confidently and leadership quality are some the important features to clear interview.



Later, she called upon the students to show to appear for interview and the way to introduce to the interviewers.



## Session 2

**Speaker Details: Dr. D. Srinivas Reddy (Head, Freshman Engineering)**

**Topic: I year learning experiences**

A talk was given by Dr. S. Srinivas (Head, Freshman Engineering) which covers the overall development of the students. In the beginning of his talk, he played a motivational video for the students to help them fight the challenges in their life. Dr. Srinivas discussed about the performances of the students the first semester, and their overall learning experiences. He provided some invaluable inputs regarding dress-code for boys and girls, behaviour, course pack and learning outcomes from first semester. He further instructed students to use their leisure hour for self-learning or doing mini-project at the second semester. He concluded his talk to congratulate the students for the successful completion of their first year.



### Session 3

**Speaker Details: Dr. Mallikarjun Babu (CEO & Director)**

**Topic: I year learning experiences**

He discussed the learners' first semester experiences about their learning by calling students from different branches to share their experiences and provide any suggestions if any. The students shared their first semester experiences to the audience and made some suggestions about the Python Programming Course. As they found the Semester End Examination Question paper very difficult. Some students from their respective branches came forward and shared their view.

Later, M. Babu Sir made some suggestions to the students regarding the application based question paper and stated that Engineering is all about application. He motivated the students to keep updating their knowledge. Next, he asked the students about their expectations for their future from the college.

In concluded the sessions by advising students to be punctual and attending all the classes from next day onwards.







## **Day-2 (03-01-2020)**

### **Session 1**

**Speaker Details: Dr. P. Sarah**

**Topic: One Life: Many Opportunities**

Dr. P. Sarah is a renowned academician who is currently working for Vardhaman College of Engineering has made great contribution in the field of Physics. She has been teaching for more than twenty seven years and published more than sixty research papers in international and national journals. She has also attended several national and international conferences.

On the second day of the Induction Program (phase two) gave a talk on “One Life: Many Opportunities” where she shared the techniques of overcoming fear. She claimed that fear is the biggest hurdle which stops from living our true potential. Next, she talked about the different types of fear such as fear of seen, fear of unseen, fear of failure, fear of rejection and

fear of public speaking. She next encouraged the students to overcome public speaking fear by seizing the opportunity to speak in the classroom if they are provided an opportunity.

Later, she shared her experiences about how she overcame the stage fear and challenges and different obstacles to achieve success. Next, she informed that self-learning is the best learning anyone can have. She discussed how the Goal in life played important role in the life of students. While talking about setting goal in life, she clarifies that students should not wait for the time or waste time as time waits for none, students should maintain body language, and choices in life. Finally, she concluded her session by stating that live life in present, learn from yesterday and hope for tomorrow.



## Session 2

### Speaker Details: Dr. JVR Ravindra

#### Topic: Course Curriculum@VCE

Dr. JVR Ravindra is the Dean Academics of Vardhaman College of Engineering. Dr. Ravindra has been a renowned academician and known for contribution in the field of academia. He tried to raise the awareness of the first year second semester students about the course outcome, program outcome. Next, he explained the differences among outcome based education, outcome based curriculum, outcome based learning and teaching and outcome based assessment.

Further, he stated the key constituent of outcome based education and program specific outcomes. He stressed that the curriculum is eclectic in nature and it is framed by looking at the demand of the industry. Hence, it addresses the needs of the industry and try to bridge the gap between knowledge and skills. Next, he said that our curriculum models are based on knowledge, skills and attitude.

Finally, he discussed about the features of remembering and understanding and how it is really important for the students of VCE.







### **Session 3**

#### **Speaker Details: Prof. S. Rajendar**

#### **Topic: VCEH Academic Regulations and Strategies for Success**

The session three was addressed by Prof. S. Rajendar who is highly dedicated and discipline professor of VCE. He has been in the field of teaching for more than fourteen years and got several national and international publications.

Prof. Rajendar discussed about the “Academic Regulations and Strategies for Success” with the first year-second semester students. He requested the students to be regular and fulfil the required criteria for attendance and other academic requirement, take up projects and focus on self-learning. He also shared the first semester failure and success stories of the students. Finally, he gave list of important strategies to achieve a success in academics. They are as follows:

- Read prescribed textbooks,
- Work in laboratories
- Work on collaborative projects
- Note taking and note making
- Concept maps
- Work independently on assignments
- Assessment(self-assessment or teacher’s assessment)
- Take online courses such as NPTEL/SWAYAM/MOOCs
- Presentation skills



Finally, he asked the students to go for problem based learning, project based learning and practice based learning. He concluded his talk by asking students to make presentation in the classroom.



**Day-3 (04-01-2020)**

**Full Day**

**Speaker Details: Mr. Durga Naveen Kandregula**

**Topic: One Life: Hello World: Real or Virtual**

On the third day the speaker was Mr. Durga Naveen Kandregula (Co-founder and CEO of COIGN Consultants and CEO and Co-founder of Goalstreet) has been the technical experts for more than ten years and took leadership in COIGN. He handled many projects lie Highpoints Learning, DDC (USA), LPO (Legal Process Outsourcing) and many more. Moreover, he is a passionate techie with the motto of transforming careers of engineering graduates. He gave a talk on “Hello World: Real or Virtual”.

Mr. Naveen started the session by highlighting the importance of automation and its utility in the age of globalization. He claimed that the whole world is driven towards automation and he shared a story by giving example of a hotel owner who wanted to improve the quality of service and how automation helped to provide better service with little investment. There are many advantages of automation such as accuracy and efficiency, time and labour.

Next, he talked about the importance of automation, automation tools and skills and power of automation. Further, he discussed the difference between virtual world and real world. Later, he said that programming is important and he stressed that in order to achieve success or mastery over skills through practice. Practice can make all the difference.

Next, he discussed the types of automation as (1) Web application, (2) Stand alone Application/system based education (3) Console alone Application. He next focussed those skills to be mastered to build automation. Finally, he informed the students about (1) Data based management, (2) Programming language and (3) Technology. He ended his session by programming language is a medium between user and application.







**Day-4 (06-01-2020)**

**Session 1**

**Speaker Details: Dr. Sulakshana Chilukuri**

**Topic: About the journey of VSAT**

Dr. Dulakshana has complete her Post-Doc Research fellow in Artificial Intelligence, Visual communication and Networks research centre, Antennas, 2017 University of West of Scotland, United Kingdom and her Ph.D in Antennas, ECE 2016 ,National Institute of Technology, Warangal. Her current research activities are related to Multi-band Antennas, Wearable Antennas, Pattern Diversity Antennas, and Small Scale Antennas for Satellite Applications, Meta material Loaded Antennas. She has more the forty research publications in

international and national journal and has attended several international conferences. Currently, she is working for Vardhaman College of Engineering..

Dr. Sulakshana talked about the journey of VSAT initiative taken by students and stated the processes of doing work and what requires to be done by the students to be part of this project. Later, she discussed the feasibility of the project and an overview of life-cycle of student satellite development. Next, she talked about the collaboration, areas focus on, financial considerations, planning and training. In the end, she called upon some of the students from second and third year that are part of this program to share their experiences. Four senior students shared their experiences. The talk was really motivating for the students who showed lot of interest to be part of this project.







## **Session 2**

### **Speaker Details: P. Ganesham**

### **Topic: Palle Srujana**

"He has learnt more in the last 12 years travelling from one village to another than I learnt in 60 years of my life before that. Each story I have heard is unique," says Brigadier (Retd) P Ganesham, beaming. Seated in front of a laptop in a simple office, Ganesham sips green tea as he narrates the tale of 'Palle Srujana'. The name, which translates to 'Rural Creation', is a volunteer organisation that works to identify aid and promote creativity at the grassroots-level in Telangana and Andhra Pradesh.

Set up by Ganesham and other like-minded individuals, the organisation travels to villages to identify innovators. So far, they have identified more than 200 innovators across the two states, besides documenting close to 2,500 traditional practices. Among these, 13 innovators have won the Rashtrapati Award, and two have won the Padma Shri. The organisation has also helped 24 innovators patent their devices. "The innovators have collectively generated a turnover of close to Rs 4 crore, affecting more than Rs 5 lakh families," the retired Brigadier said.

His talk involved rural development and how people from rural areas invented certain ways to reduce the pain of the common people which the engineers of our country must have done. Next, he talked about how the creativity at grassroots help people to make their lives better. He started his talk by stating what 'Engineering' really means to the student. He added that it meant to make things happen and further added that it is the practical application of science and mathematics to solve problems. The engineers and creators and innovators.

Next, he stated that engineers must apply the principles of science and mathematics to develop economical solutions to technical problems. Engineers are more important than anyone else because they would design quickly something to save the other drowning. In addition to that, he also stated that Engineers need to evolve ideas which make life better for everyone and reduce pain and enhance happiness. He advised the first year-second semester B.Tech students to involve knowing, feeling and doing as part of their profession. He also shared several tools which were developed by people of India who are not engineers but the necessity forced them to do the same. He advised the students to respect each and every individual as people on the margin need not possess marginal minds, and poor have head they are creative too.

He, next, added that India needs to build an Innovative Eco System at three levels and they could be public innovations, private innovations and grassroots innovations. Further, he added that the emphasise and value should be given to people not on only technology. Finally, he encouraged the students for Shodh Yatra (Research Journey) which should go beyond academic walls and where unlearn and relearn from our teacher. Our four teachers are teacher in Nature, Teacher in people, Teacher in Peers and Teacher within you. He ended his session by requesting students to engage with society as the current education system is trying the students to alienate from the society.





**Day-5 (07-01-2020)**

**Session 1**

**Speaker Details: Dr. M. Thirumala Chary**

**Topic: Role of Science in Engineering**

Session one of the fifth day was started by felicitating the winners of Science Fair-2019 exhibited by the first year students. The students from CSE-B, CSE-A, ECE-C and ME-A students were winners of respective first, second, third and fourth prize and they were given certificates and cash prize. Later, winners displayed their projects and briefed about it to the audience.

Dr.M. Thirumala Chary is Professor and Head of the Department of Chemistry, JNTU, Hyderabad. He is known for his commitment and humility and has more than thirty years of teaching & research experience. He was honoured with Rashtruya Gaurav award by the



International India Friendship Society, New Delhi, India. He is a member and board of studies in SNIST, Mallarreddy Group of Institutions etc



He shared his thought about his teaching and learning of sciences and the dynamics of sciences play the major role in the field of engineering. He discussed the kind of interdisciplinary research is ongoing which has changed the face of the world. He shared the examples of stem cells and its types and Zarvic Seven for artificial intelligence. He concluded his session by stating that interdisciplinary research is important in era of twenty first century.







## **Session 2**

### **Speaker Details: Dr. S. Sai. Satyanarayana Reddy (Principal, VCEH)**

Dr. S. Sai Satayanarayana Reddy is the Principal of VCEH who has done his Ph.d from Bharat university, Chennai and M.E from BITS, Pilani and his are of interest is Data Mining. He is the recipient of many awards as an academician, researcher, teacher and administrators. He discussed several key issues related students' affairs, college infrastructure and facilities and motivational videos to inspire students regarding their academics and well being. Sir, has discussed the library facilities, college affiliations, awards etc. He motivated the students by asking them to practice daily, learn and read every day, and take care of your health.

### **Dr. H.Venkateswara Reddy (COE, VCEH)**

He has done his doctoral degree in Computer Science and Engineering 2015, JNTUH, Hyderabad and his area of specializations are Data Mining, Cryptography & Network Security, Computer Algorithms, and Computer Graphics. He has more than sixteen years of teaching experience. Dr. Reddy tried to familiarize the students with the process of evaluation to the first year students. HVR sir has discussed the evaluation process to the students of first year second semester.



### Session 3

#### Topic: Yoga

In this session, the students had shown the Yoga skills as part of Induction Program. Six students followed the instruction of Yoga teacher. Our students practice Yoga as part of co-curricular activities. The activity was done to motivate other students to do yoga.





**Day-6 (08-01-2020)**

**Session 1**

**Speaker Details: Mr. Aditya (II CSE-B Student)**

**Topic: Internet of Things**

Aditya is the student of CSE-B, VCE who made presentation on “Internet of Things” of the second phase of induction program. He started his session with valid questions to the first year students by asking what is internet of things and later clarified it. His presentation included what is Internet and how does the Internet work?

Next, he discussed optical fibres communication in detail. Further, he explained the way internet reach to us and what exactly internet of things is. In the end, he discussed his one of the projects where he tried to address the problem of uncleanliness where he can help the GHMC, Hyderabad.

**Speaker Details: Mr. Akash Reddy- (III CSE-C Student)**

**Topic: Design Thinking**

Akash Reddy, who is studying in CSE-C third year from Vardhaman College of Engineering, talked about “Design Thinking”. He discussed designed thinking as a process for creative problem solving skills and it has human centred core. It encourages organizations to focus on the people they have working for. Later, he explained the applications of design thinking and involved in an activity to learners. Next, he explained that we are designers.

Finally, he talked about usefulness of technical and cultural clubs for student’s affairs cell. He shared information with the students about NexGen HACKATHON on 10 January, 2020.







## **Session 2**

### **Topic: Krify Technologies Pvt. Limited**

During the second session, Coding Online Exam was conducted for all the fifteen sections. The students who will be selected in this exam, they will further be trained in the field of coding-decoding.



**Head, Freshman Engineering**

**Head of the Department**  
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