

**Annual Awareness  
program on Code of  
Conduct**



**VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE**

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.

Affiliated to JNTU Hyderabad, Programmes Accredited by NBA, Approved by AICTE, New Delhi

**EAMCET CODE : VGNT**



**A REPORT ON**  
**INDUCTION PROGRAMME**  
**FOR I.B.TECH**  
**BY**  
**DEPARTMENT OF B.S& H**  
**VITS**



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## Introduction

Induction Program was discussed and approved for all colleges by AICTE in March 2017. It was discussed and accepted by the Council of IITs for all IITs in August 2016. It was originally proposed by a Committee of IIT Directors and accepted at the meeting of all IIT Directors in March 2016.

The Universal Human Values Course is a result of a long series of experiments at educational institutes starting from IIT-Delhi and IIT Kanpur in the 1980s and 1990s as an elective course, NIT Raipur in late 1990s as a compulsory one-week on-campus program. The courses at IIT(BHU) which started from July 2014, are taken and developed from two compulsory courses at IIIT Hyderabad first introduced in July 2005.

The following are the activities under the induction program in which the student would be fully engaged throughout the day for the entire duration of the program.

### 2.1 Physical Activity

This would involve a daily routine of physical activity with games and sports. It would start with all students coming to be held at 6 am for light physical exercise or yoga.

There would also be games in the evening or at other suitable times according to the local climate. These would help develop team work. Each student should pick one game and learn it for three weeks. There could also be gardening or other suitably designed activity where labour yields fruits from nature.

### 2.2 Creative Arts

Every student would chose one skill related to the arts whether visual arts or performing arts. Examples are painting, sculpture, pottery, music, dance etc. The student would pursue it every day for the duration of the program.

These would allow for creative expression. It would develop a sense of aesthetics and also enhance creativity which would, hopefully into engineering design later.

### 2.3 Universal Human Values

It gets the student to explore oneself and allows one to experience the joy of learning, stand up to peer pressure, take decisions with courage, be aware of relationships with colleagues and supporting staff in the hostel and department, be sensitive to others, etc. Need for character building has been underlined earlier. A module in Universal Human



  
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Values provide the base.

Methodology of teaching this content is extremely important. It must not be through do's and don't's, but get students to explore and think by engaging them in a dialogue. It is best taught through group discussions and real life activities rather than lecturing. The role of group discussions, however, with clarity of thought of the teachers cannot be over emphasized. It is essential for giving exposure, guiding thoughts, and realizing values.

The teachers must come from all the departments rather than only one department like HSS or from outside of the Institute. Experiments in this direction at IIT(BHU) are note worthy and one can learn from them.

Discussions would be conducted in small groups of about 20 students with a faculty mentor each. It is to open thinking towards the self. Universal Human Values discussions could even continue for rest of the semester as a normal course, and not stop with the induction program.

Besides drawing the attention of the student to larger issues of life, it would build relationships between teachers and students which last for their entire 4-year stay and possibly beyond.

#### **2.4 Literary**

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

#### **2.5 Proficiency Modules**

This period can be used to overcome some critical lacunas that students might have, for example, English, computer familiarity etc. These should run like crash courses, so that when normal courses start after the induction program, the student has overcome the lacunas substantially. We hope that problems arising due to lack of English skills, wherein students start lagging behind or failing in several subjects, for no fault of theirs, would, hopefully, become a thing of the past.

#### **2.6 Lectures by Eminent People**

This period can be utilized for lectures by eminent people, say, once a week. It would give the students exposure to people who are socially active or in public life.

#### **2.7 Visits to Local Area**

A couple of visits to the landmarks of the city, or a hospital or orphanage could be organized. This would familiarize them with the area as well as expose them to the under privileged.



  
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### 2.8 Familiarization to Dept. /Branch & Innovations

The students should be told about different method 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. They should also be shown the laboratories, workshops & other facilities.

### 3. Schedule

The activities during the Induction Program would have an Initial Phase, a Regular Phase and a Closing Phase.

### B.TECH. FIRST YEAR INDUCTION PROGRAM SCHEDULE

GROUP-I(CSE+IT+EEE)			
Session-i	SESSION-II	DAY	Date
Orientation program and introduction of departments hods		1	05.08.2019
Human values and nature by mr, saiprasanna kumar	VISIT TO DEPARTMENTS	2	06.08.2019
Physical activity (yoga for boys & girls)	LITERARY ACTIVITY	3	07.08.19
Physical activity(sports for girls)/ca for boys	PROFICIENCY MODULES(CSE)	4	08.08.19
Physical activity (sports for boys & ca girls)	LITERARY ACTIVITY	5	09.08.19
Visit to places( orphanage home, hayath nagar)		6	10.08.19
Proficiency modules(eng)	IQAC	7	13.08.19
Human values talk by murthy	BC	8	14.08.19
Talk by eminent people(dr. Yendamoori)		9	16.08.19
Human Values Talk By Prasad	EXAM CELL/VALEDICTORY (2.30 TO 3.30)	10	17.08.19



*S. Subramanian*  
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GROUP-II (ECE)			
SESSION-I	SESSION-II	DAY	Date
Human values and nature by Mr, Sai Prasanna kumar	Literary Activity	1	05.08.2019
PHYSICAL ACTIVITY (sports for BOYS &CA for girls)	PHYSICAL ACTIVITY (YOGA for BOYS &girls)	2	06.08.2019
Literary Activity	VISIT TO DEPARTMENTS	3	07.08.19
Proficiency modules(CSE)	BC	4	08.08.19
Bridge Course	IQAC	5	09.08.19
PHYSICAL ACTIVITY(sports for girls)/CA for boys	Human values talk by Murthy	6	10.08.19
Human values talk by Prasad	Exam cell/ Validictory (2.30 to 3.30)	7	13.08.19



*S. Kumar*  
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GROUP-III(ME,CE, EIE)			
SESSION-I	SESSION-II	DAY	Date
Human values and nature by Mr, SaiPrasanna kumar	VISIT DEPARTMENTS TO	1	05.08.2019
PHYSICAL ACTIVITY(sports for Boys)/ CA for girls	Proficiency modules(CSE)	2	06.08.2019
PHYSICAL ACTIVITY(YOGA for girls & boys)	Literary Activity	3	07.08.19
Literary Activity	BC	4	08.08.19
BC/NSS	IQAC	5	09.08.19
PHYSICAL ACTIVITY(sports for girls)/CA for boys	Human values talk by Murthy	6	10.08.19
Human values talk by Prasad	Eam cell/Validictory (2.30 to 3.30)	7	13.08.19



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## I. PHYSICAL ACTIVITIES

A one week induction program has been conducted on the campus of VITS as per the AICTE and JNTUH guidelines. The students were exposed to various fields like physical activities, literary events, visits to places, sports, and lectures on by eminent speakers as well as motivational speeches.

All these programs gave a 360 degree outlook to the students in their career. These programs left an incredible impression on the young engineers in developing empathy and life skills to make them a person with righteous character and great values.

### Physical activity for B.Tech students as part of JNTUH curriculum

Everyone needs to be active every day to promote their healthy growth and development.

#### Physical activity can help students cope with stress. It also promotes:

- Healthy growth and development
- Better self-esteem
- Stronger bones, muscles and joints
- Better posture and balance
- A stronger heart
- A healthier weight range
- Social interaction with friends
- Learning new skills while having fun
- Better focus and concentration during school

Keeping an activity log can help them chart their progress, while praise and rewards for each small step achieved can help to keep them motivated.



  
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### a. Yoga

Yoga session was held under the guidance of experts from Ramakrishna math, Hyderabad. Yoga for girls was exclusively conducted at the hostel premises and the students learnt different postures of body to maintain physical as well as mental fitness. The practice of yoga filled the students with excitement.



Yoga became an integral part of human beings these days and is acquired in every walk of life. To shine in personal and professional life one needs concentration and peace of mind. This can be attained through the practice of yoga. It eases off pressure and keeps afloat the human body and mind. The primordial practice of Indian tradition yoga stood as the cynosure of the induction programme.

### b. Cricket

The students played cricket in the spacious cricket ground of VITS campus. Students of participated in this lucrative game and have shown their sports sprit. Cricket was conducted for the students on different days in different schedules. The practical exposure worked really well in establishing rapport with others and leadership.

### c. Volley ball

The game was played with great gusto by the students in the volley ball court of VITS. Under the supervision of the Physical Trainers the students played the game in a good spirit.



### d. Throw ball

Throw ball was played on the campus where the students were exuberated to relish the game



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### e. Basketball

Basketball was played in the sports ground with a good number of students participating in it. The game brought in a rapport among the students and team spirit emerged in them.

### f. Table tennis

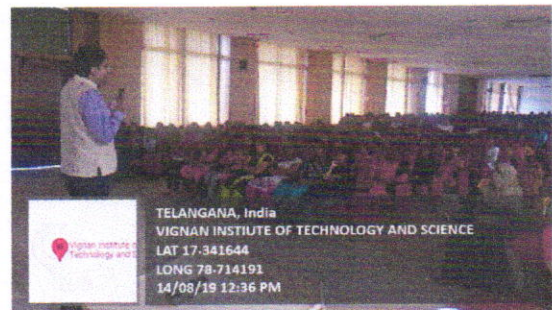
Table tennis was held for the students in the premises of the campus where the young budding engineers showcased their innate talent.

### g. Athletics

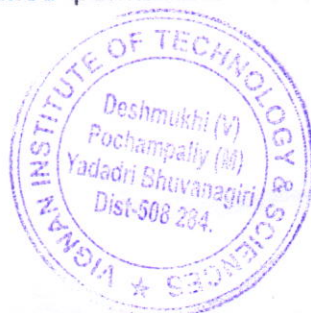
The 10k , 5k and so on serve as the best examples in spreading a cause like AIDS awareness, tree plantation, swachch Hyderabad , etc.


## II. Universal Human Values

Mr. G. Sai Prasanna Kumar is a sustainability and resilience expert. He is a Director of SAGES ( Sai Master Geo environmental Services Pvt. Ltd.), an organization involved in providing regenerative and holistic design solutions for water harvesting and purification, soil management for roads and hill slopes, development and design of environmental friendly building materials, to corporate and government bodies since 2008.



As an internationally recognized certified *Permaculture*\* Design Consultant, he has been involved in design and implementation of several land design projects in making them ecologically sustainable and economically profitable, both in urban and rural scenarios. As a certified permaculture teacher and sustainability expert, he has



  
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in the areas MS office, excel and preparation of power point slides in computer labs by faculty of CSE department. They have been given exposure to use the above technical skills in their academics confidently. Later students were given an opportunity to give a power point presentation on their selected topic as a mock session to boost up their confidence levels. This session was organized and evaluated by faculty of English.

**Bridge course:** Basic concepts of various engineering disciplines were explained by the respective department faculty members. The sessions made students to be confident on their core branches. They have given fundamental knowledge to the students.

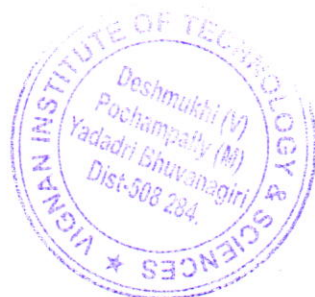
### VI. Lectures by Eminent Speakers

#### Report on Yandamoori Veerendranath's Personality Development Session

*"It's not the load that breaks you down. It's the way you carry it."*

One of the most important tasks of a teacher is to motivate the students and see that it is sustained. A regular dose of motivation will keep the students go in the right track in their academics and also pave the right path to their bright future.

So, it has been proposed by AICTE that the freshmen need a bit of motivation to keep them go ahead, enable them to do the best in their course with all vigor and enthusiasm and reach their full potential. The intention is to usher the freshman towards realizing their personal drive, commitment towards their goals, readiness and willingness to act on and being optimistic.



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This session started by motivating the students to make a self-analysis as it is important for them in preparing a winning resume. So, a quiz on “Know yourself” was planned and students had to rate themselves on the statements in the quiz.

After this activity, the session progressed to a discussion on the importance of soft skills for engineering students. They understood the terms, soft skills, hard skills, technical skills, professional skills and employability skills.


Students were then taught the differences among bio-data, curriculum vitae and resume. The session then continued to the parts of a resume and the structure of a resume. Students learnt that a resume is their marketing document that can present them in the best possible light.

The sessions on literary activities have come to an end but s the end of it. Students were told that they need good amount of regular practice in writing which can help them in achieving full potential. These sessions also made students aware of the fact that it is vital for engineering students to engage themselves with extensive and meaningful writing tasks as enhancing writing skills will certainly develop one’s intellectual and emotional development.

## **V. Proficiency modules and Bridge Course**

Proficiency modules sessions were conducted related to computer skills and presentation skills. The students were explained basic computer usage techniques in the areas MS office, excel and preparation of power point slides in computer labs by faculty of CSE department. They have been given exposure to use the above technical skills in their academics confidently. Later students were given an opportunity to give a power point presentation on their selected topic as a mock session to boost up their confidence levels. This session was organized and evaluated by faculty of English.



  
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Students were then asked to write essays on the given topics for each type of essay.

### **Paragraph Writing**

A paragraph is a group of sentences but not random sentences. To enable students understand that a solidly written paragraph takes its readers on a clear path, they were taught the elements of paragraph writing, strategies of writing a good paragraph have been discussed. Students were then given interesting topics and were asked write paragraphs.

### **Letter Writing**

Letter writing is an essential skill required for everyone in their academic and professional arenas. It is an art in itself.

This session began by giving the students inputs on the importance of writing effective letters, difference between formal and informal letters, business and other official letters. The session continued as the discussion progressed to elements of letter writing.


Students were asked to learn writing letters in Full- block format and were taught the structure of the same. Furthermore, tips for writing effective letters were discussed. Students were presented samples of professional letters and then were asked to write letters on the given situations.

### **Report Writing**

The session began with the discussion on what a report is and progressed as students were tested on their knowledge on different types of reports. The teacher added a few types of reports that the students did not know. Then, they were taught the structure of a general report and a technical report and were guided by the teacher in writing a report.

### **Resume Writing and Employability Skills**



  
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### III. Literary activity

*My bursting heart must find vent at my pen."*

To encourage and hone the students' skill for expression, it has been proposed by AICTE that literary activities have to become a part of the Induction Program. The Head of the Department of Basic Sciences and Humanities and the faculty of English planned and executed these activities to the first year students that develop self-efficacy and boost the confidence levels of students. These activities offer a platform to enhance the written communication skills of students, encourage them to think spontaneously and also in sharpening the students' logical thinking skills.

Shakespeare said "The Pen is mightier than the sword." Along with the pen, motivation of the teacher is highly essential for tapping students' effective written communication skills.

The faculty of English took up one writing activity each to become the source of motivation for these activities. The details of the activities and the names of the faculty coordinators are as follows:

<i>Activity</i>	<i>Faculty Coordinator</i>
Writing skills	Mr. K. Chandra Sekhar
Vocabulary	Dr. B.Chandrasekhar
Grammar	Ms. Vidyavathi
Speaking and reading	Ms. Saritha Reddy and Dr. K.Bhaskar

Students were taught how to write an effective, essay in a flowing and coherent manner. The session began by explaining the importance of essay writing, the definition of an essay, different types of essays- narrative, descriptive, expository and persuasive essays. The session continued giving detailed understanding on the structure of an essay, developing ideas and planning a proper, comprehensive conclusion.



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backyard gardening and creating food forests and Permaculture farms, helping to create local resilience and sustainability all over India.

He is a regular speaker at Engineering and Architecture Colleges and Schools on the topic of holistic and creative design principles. His current focus is on spreading the principles of Permaculture, in accordance with views of United Nations Sustainable Development Goals, inspiring youth to develop a systemic view of the world, and to come up with solutions that are system-oriented and process-oriented, merging sustainability and resilience with technology in creating solutions for the developing world.

*\*Consciously designed landscapes which mimic the patterns and relationships found in nature, while yielding an abundance of food, fiber and energy for provision of local needs. People, their buildings and the ways in which they organize themselves are central to permaculture.*

He pointed that Roughly 55% of world's population lives in urban areas (cities and towns), and it is expected to increase to 68% by 2050. In India itself, there has been a eightfold increase in the country's urban population, from 56 million in 1951 to over 450 million in 2017. Such a huge influx of population is severely going to affect our ability to provide sustainable and regenerative solutions to the inhabitants, for these critical systems: Food, Energy, Water, Waste, Sewage and Transport.

What future engineers need to realize is that along with these, issues such as hunger, poverty, pollution, deforestation, unemployment, climate change and several others, are not separate. These are all interconnected, systemic.

In this talk, the speaker will delve deeply on the paradigm shift required in observing, approaching and solving these issues using holistic and systemic understanding based on the principles of *\*permaculture*.

As the great Nobel Laureate Albert Einstein says, "We can't solve problems by using the same kind of thinking we used when we created them", the intention of this talk, is to equip the students with a mindset which delves on the real problems and empowers them to use their own specializations (educational or otherwise) in solving them.



  
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The management and the staff along with the students were equally excited at the very thought of attending the groundbreaking event. All the first year students were divided into two groups for two sessions on both the days. The program was organized in the Seminar hall on two days.

On the first day the session started as a student welcomed and felicitated the guest of honor. He was accompanied by the Principal, Head, Department of Basic Sciences and Humanities, and other faculty members.

There was excitement in students to see such an eminent personality.

As he addressed his audience, Sri Yandamoori Veerendranath urged them not be serious but keep smiling and be optimistic. He promised them an entertaining and lively five-hour session in which they would at least smile and laugh 200-250 times by the session ends.


The eminent speaker made the audience realize the importance of having a pleasing personality. He reiterated that confidence, staying motivated, skills, wisdom are the ingredients of a good, pleasing personality and it has nothing to do with good-looking.

He introduced himself and spoke on how he conquered hardships in his life. He mentioned how his son rose to a good position in life and that he would like to see most of students in the audience come out in flying colors.

Students were given a handout in which there were tips to write an exam, tips to get a rank and win in interviews, memory improvement tips, etc. There were also questions on wisdom where students had to the correct answer, and also questions on other ingredients on wisdom.

The remarkable way of his motivating the students was his method of inviting each and every student on to the dais for some or the other task, make them feel at ease so that they lose the fear of facing public and public speaking. It was brilliant on him to give as a reward a chocolate to every student who answered or performed a task assigned by him. The tasks were as simple as saying rhymes like Twinkle twinkle little star..... , Johnny Johnny Yes Papa.....once and in the reverse a second time or saying multiplication tables in the reverse order. Students were told that activities like these would churn their brains and thus build their aptitude levels. Not a single



  
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student had been ignored and there was a constant watch on what each and every student was doing throughout the session.

By the end of the session, it was ensured that almost all the students came on to the stage and performed at least a simple task and received a chocolate. The management and the teachers were appreciated as students bagged more and more chocolates and the organizers had to rush to buy extra chocolates.

The session began by asking the students what is success ?

When students responded according to their perspective, they were questioned further, and finally were told that 'Success is not only being happy at that moment but also being confident that the happiness would last even the next day'. The six ingredients of success were really interesting to the students: Health, Fame, Wealth, Love, Enthusiasm and Wisdom.

Students were enlightened on many life skills and many strategies and techniques like difference between comfort and happiness, target and desire, definition of hard work were discussed. They were advised to develop the concept of vice-holiday by avoiding Cell phone on Monday, internet on Tuesday, and fast foods on Wednesday, and movie on Thursday TV on Saturday and observing silence for three hours on Sunday. Students were asked - who is happy- a watcher or a performer and were then told that Winning is a bonus and hard work is really essential.

The task is 'Can you do what I ask you to perform?' Students were asked to do tasks like turning to the direction given: for example turn to the direction of Bay of Bengal in India Map, saying rhymes and multiplication tables in reverse order etc.

The next activity was 'Controlling Sensory Organs.' Study facing the wall, keep a clove in the mouth while studying, and avoid fast foods, sweets, cool drinks, ice creams and other junk food one hour before studies are some ways of controlling sensory organs. They were questioned if they can concentrate reading near drainage thus discussing the importance of 'smell' on mind's cortex.



  
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They were given tips for being successful in exams like, observe silence one hour before the exam, warm up physically and mentally to reduce anxiety, take a deep breath to control the negative effect of cortisol and increase serotonin and then read the questions, start with a positive smile relax for a few seconds and allow the mind to settle down, do not be hype active, read the instructions thoroughly, wait before answering and check the answers after completion, do not discuss answers with friends after the exam and so on.

These tips if put into practice will surely help students to a great extent.

The theory of Jnanendriya and Karmendriya was discussed which helps in developing memory. This theory of thinking and virus bonds was demonstrated in such a lucid manner to students that they can remember it for a life time. In the same context, students have been asked not to store unnecessary information as there would be only five lakhs active neurons in a human brain.

The three types of thinking: positive, possible and lateral thinking have been discussed with relevant illustrations.

The eminent motivator and speaker focused on activities that test and develop their wisdom in the second half of the session. The activities were based on general awareness, intelligence, judgment, the power of scrutiny, rational thinking, reflex actions, lateral thinking, knowledge in commerce, understanding the question, elimination of complication, reasoning, basic Mathematics, creativity, possibility thinking and keen observation and imagination. There were also other ingredients of wisdom like, answering under tension, questions on vocabulary and language skills, presence of mind like 'can you lie immediately?'

Besides, there were activities like- mistakes we normally do, fumbling words and jumbling thoughts, loose ends, etc. Students were asked to draw a square and triangle listening to the communicator. The question on testing spontaneity 'What would you do if you find on early morning your gender permanently changed' left students puzzled.

Students were also advised to inculcate time management skills by dividing their tasks in to sub-categories in the time management matrix: urgent and important, urgent but not important, not urgent but important, not urgent but not important.



  
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At the end of the session on the first day, students were asked to give feedback. Students shared how the session helped them in realizing what skills they need to enhance to make student life an extraordinary foundation for their success.

On the second day too, the session started with the same enthusiasm on part of the speaker who arrived on time to the venue all set and geared up to inspire the audience. The second day also continued on the same lines as the first, students very energetic and enthusiastic.

Finally, the session came to an end on the second day and one of the faculty members proposed vote of thanks to the guest of honor. The guest was felicitated by the CEO of Vignan Institute of Science and Technology Shri Shravan Boyapati and was presented a memento and a bouquet of flowers as a token of gratitude.

The management, staff and the students of Vignan Institute of Science and Technology express their gratitude to Sri Yandamoori Veerendranath for his thought provoking ideas and never before strategies which ignited the minds of the freshmen of the institution.

### **INNER ENGINEERING- BSN MURTHY**

A session on personality development was held for the newly admitted students to enable them to acquire the readiness for their future.

Mr BSN Murthy has started his session by saying that, "It is there in every body's blood that, we understand everyone but we don't understand ourselves. Because we don't think of our capabilities and we underestimate ourselves.

He suggested everyone to question themselves, whether they are happy?

If the answer is 'Yes' one should keep on doing whatever they are doing.

If the answer is no, they should question themselves, whether they want to be happy?

There is no solution, if the answer is "No"

Change something, if the answer is "Yes".



  
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## VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist, Telangana - 508 284.

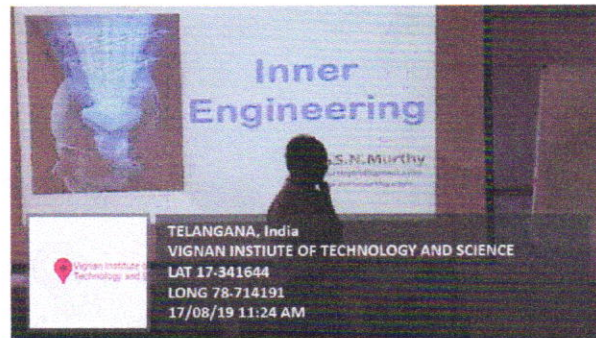
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- Individually
- Professionally
- Emotionally and
- Socially

Inner Engineering is to modern one's emotions, impulses and actions to achieve one's goals in life. Mr BSN Murthy imputed the students by saying "Goal is a time bound action to achieve one's aim", so dream, desire, effort and reach success. He also has quoted the

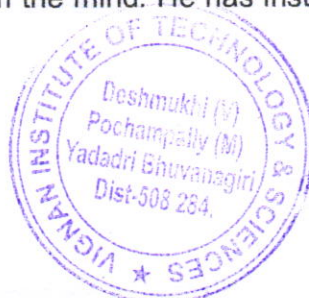


statements of Swamy Vivekananda uttered at Chikago in response to the comment on Indians by one of the foreigner i.e., "In India Character builds the Personality whereas in foreign a tailor designs the Personality'. By quoting this he has motivated the students towards designing their own and the best Personality.

He instructed the students should not be in comfort zone, if they are in such kind of a zone, understand that nothing is permanent in one's life. He quoted that good characters leads to good personality and bad characters to bad personality and also the character comes from the values one possess and good values leads to good character.

Mr BSN Murthy has narrated a story of a middle class father and his son, where the son misunderstands his father irrespective of all the efforts made by the father and comforts provided to the son. Through this he has given a message to the students that, one should think from the other's side too.

The best things in life are earned by making "daily deposits" into the "efforts account" needed to achieve success. There must be a purpose to one's life. Experience the sweet pain by keeping the end in the mind. He has instructed the students to transform themselves.



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Mr BSN Murthy has concluded his speech by quoting Mahatma Gandhi's quote,

"I will not let anyone walk through my mind with their dirty feet", which indirectly signs the students to inculcate such kind of thinking and qualities. This has been a real motivation to the teenage students. Finally the students understood that they have to practice the inner engineering to achieve their goals.

### **CULTURE AND PATRIOTISM by Mr Prasad, from Skill and Knowledge Development.**

Mr Prasad has inspired the students by his speech as part of the induction program at Vignan Institute of Technology and Science. He has introduced the students various best personalities to motivate them to acquire at least a few best qualities from them.

Mr Prasad has related an incident in which Ravindranath Tagore has visited Japan as a chief guest to one of the event. Japan is a well developed nation and highly popular for the electronic products and are also so careful about their products. This nation has about 2000 years of History and possesses a great culture and civilization. Their admired lord is Buddha. He praised their love for the nation, quoting a child's response to a question raised by the guest.



Mr Prasad has discussed about the Indian Epics where he praised Lord Krishna and his powers. He also stated the intensity of love and caring of Krishna towards the protection of the people and the universe.

The regard of Swamy Vivekananda for the nation is appreciated and explored the exploration of Vivekananda throughout the world in regard to the Religion and preservation of the culture of our Nation. Swamy Vivekananda's address in the World



*Subarna*  
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World Religion Congress at Chicago where he praised the significance of our nation which is appreciated by most of the worldly nations.

Mr Prasad has given many examples of the foreigners who have a great interest and admiration towards India. He also has the greatness of the Science and Technology. The youth should be highly active and energetic and also should explore the world. Remember to be molded as a double edged sword and should be capable of great achievers by imbibing good qualities.

He has highly motivated all the students to be the good citizens. He concluded his lecture by mentioning a quote "If money is lost something is lost, If character is lost everything is lost".

### **VII. Literary Activity**

To make the students familiar with language skills literary activities have been conducted as part of the induction programme. Literary activities give exposure to the language which is very important to develop skills. Faculty of English have planned various interesting activities to encourage all the students to take part. These activities have been conducted with the help of senior students. The programme is planned in a such a way that all the four skills of language - Reading, writing, speaking and listening can be covered.

Students were introduced to the literary activity programme by the faculty and importance of honing the skills have been explained.

The details of the activities and the names of the faculty coordinators are as follows:

<i>Activity</i>	<i>Faculty Coordinator</i>
Writing skills	Mr.K. Chandra Sekhar
Vocabulary	Dr.B.Chandrasekhar
Grammar	Ms.Vidyavathi
Speaking Skills	Ms. Saritha Reddy
Reading Skills	Dr. K.Bhaskar



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### Reading:

This activity mainly focused to inculcate the habit of traditional reading among the students which is almost declined because of indent of internet. The programme is started by explaining the importance and benefits of reading. They are suggested to read any of the favorite columns in the news paper, comics, story books etcetera. As part of the activity some of the students were asked to narrate any story they have read recently. Also a news paper was brought to class and students were assigned to read loudly maintaining proper pauses.

### Writing:

This session began by giving inputs to the students on the importance of writing skills. Few techniques were explained by the faculty on 'how to write effectively'. Writing tasks were given to get them an idea. They were asked to write about their school life in an interesting style. Some creative situations have been given to observe their creative writing skills.

### Vocabulary

What is vocabulary and its role in academics and professional life has been explained. Tips were given how to improve vocabulary. They were suggested to read various topics and to collect new words contextually. Differences between active vocabulary and passive vocabulary have been explained. As part of practice session vocabulary games were conducted.

### Speaking:

Speaking skills are important to every person to get success in any streams of life. The importance of speaking skills in personal life, social life and professional life were explained. Self-introduction activities, Role plays, JAM sessions were conducted. They were suggested a few methods to improve fluency in English and also motivated them to participate in formal conversations confidently.,

### Grammar



  
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To excel in all the above skills gaining knowledge of grammatical rules is important. In a nut shell importance of sentence construction and rules were explained. The explanation was done with the help of news paper cuttings. Students were made to understand the usage of tenses and other parts of speech practically with the help of paper cuttings.

All the above sessions made students to realize the importance of language skills for their bright future. They were conveyed that regular practice is required to become an effective and confident user.

### **VIII. Visit to local places**

Visiting a place is one of the events in Induction programme. As part of the programme I.B.Tech students along with the faculty members visited MODEL SCHOOL for the Deaf, located near ORR, Hyderabad. The school has been visited on 3 different days by different branches.

The programme schedule was announced by concerned faculty to the students well in advance. Instructions were given to organize some events there to enjoy with the students. Students were very eager and enthusiastic to meet the students of the school. On the planned day buses were arranged from college to the school. Students carried sports equipment like Cricket kit, Throw ball, Volley ball, skipping ropes, Drawing papers, colours etc. In the school students were in their respective class rooms. After a while they came out with happy faces to meet us.

Initially it became difficult to understand what they were communicating. Our Students started interacting with them by asking their names, class in which they are studying etc. They expressed their names in writing. They started conversations using sign language. After some time all the students got adjusted and mingled well with each other. Various games and sports competitions like Cricket, Volley ball, Throw ball, Kabaddi, Skipping were conducted. They played as if like professionals. Debate, Drawing and coloring competitions were held. They showcased excellent talent. Cultural events like dance, singing and skits were also conducted. All the performances were fabulous. Gifts were given to them to encourage. They hosted lunch to all



  
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of us. We relished the lunch with them. We went around all the class rooms. The school premises were very big and spacious.

Our students expressed that it was a memorable day for them. Students not only enjoyed the trip, also they learnt many things from them. Their concentration levels, grasping power and confidence levels were much admired. From this visit a feeling of collective responsibility of each one of us to concern and uplift the down trodden was developed.

Students expressed that it increased the responsibility of the youth towards the society. This trip created awareness, that along with the academics they should focus on serving the society. They were very happy and satisfied with the trip.

## **VII. VISIT TO THE DEPARTMENTS**

As part of the Induction programme students were encouraged to visit their core departments. It is essential for an engineering student to have information about their core department before the beginning of the first academic year. The visit gives an insight regarding the labs, activities they conduct in the department and how they will be useful for their professional growth. In this regard a programme was scheduled to visit the departments on different days. All the students along with BS&H faculty coordinator made a trip to the department enthusiastically and learned many things during their visit. In every department a warm welcome was given by HOD and their team of faculty. An overview of the departmental activities was explained by HOD and senior faculty members.

### **Electronics and Instrumentation Engineering Department (2019-2020)**

Induction programme is an informative and educative program to groom and nurture young engineering students to mould fraternity in the days to come. The Induction Programme for the students of first year Engineering was held on 06<sup>th</sup> August 2019

The aim of the program was to give the students who are joining the college, a bird's eye view about various dimensions of engineering and the career opportunities for the engineering students and to acquaint them with the systems and procedures of the college. The idea was to



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make the students aware of their prospective opportunities and to show them the path they have adopt in order to become successful engineers.

The Programme was started with the introduction speech, followed by Poster and Project exhibition by Dr. A. Venkata Naga Vamsi. the students were advised to update themselves with recent technologies to survive in revolutionary and competitive era. Further in the session he also presented about the revolution in industries and the role of instrumentation engineers. He shared the experiences of his life and how to utilize the facilities available and create opportunity in life and in career. An inspirational talk was delivered in which the students were guided about goal setting and planning to become a good engineer.

Further in the session students visited the industrial instrumentation laboratory and Industrial Automation laboratory to get an insight about the role of Instrumentation engineer in industries.

#### **DEPARTMENT OF MECHANICAL ENGINEERING**

I B.Tech Mechanical Engineering students visited department very excitedly . All the students were given a warm welcome by the Head and faculty of the department. Head of the department Dr.K.Chandrasekhar addressed the students and his great team of faculty were introduced.

Information regarding the labs with their titles was provided to students. A brief description of the equipment and their usage was explained by lab in charges .They visited Metallurgy lab-1,Engineering workshop, Mechanics of Solids Laboratory ,Fluid Mechanics and Hydraulic Machines Laboratory etc.

Project expo information was provided to them. They were made to understand the importance of participation in project expos. Information about workshops and seminar they organise at department level was given. The role of professional bodies and the activities conducted as a part of them were explained.



  
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The visit came to an end with the explanation of best practices of the department like organising CRT classes for better placements, Activity clubs, Makeup classes, and technical seminars. The students were much satisfied with the visit.

## DEPARTMENT OF CIVIL ENGINEERING

Accompanied by the faculty coordinators all the civil branch students reached their parent department. They were very happy to go around the department. All the students were introduced to the HOD and to the team of faculty. The role and prominence of civil engineers in the society was explained. To make students professionally strong the activities they are doing have been explained

Detailed information of the lab, equipment and types of experiments they do in the labs was presented to the students. They were explained about, Surveying Lab, Strength of Materials Lab, ADD & GIS Lab, Concrete and Highway Materials Lab, Geo-Technical Engineering lab. Information regarding industrial visits was given. It is said that industrial visits create an awareness of latest improvements happening in the field and also this kind of visits creates a practical exposure, which they can apply in the future. They mentioned a few places which were earlier visited Lanco hills, Lanco Infratek Pvt Ltd, Kirby Systems Pvt Ltd. Illustration of manufacturing of Pre-Engineered steel components, Geological Survey of India, HY Illustration of working principle of spectro photometer - Geo-chemistry etc. A good placement detail of the department in the past 3 years is informed. By thanking the HOD and faculty, students came out with cheerful faces.

## DEPARTMENT OF CSE

HOD sir started the programme by introducing all Department faculty, origin of CSE & how intake is increased. Given overview on

- Infrastructure i.e., Total Number of Labs, Class rooms, Staff Rooms and its importance
- Way of conducting the workshops, Technical and Non-Technical Activities for II, III & IV year students.
- Explained how students are benefited by doing Innovative Projects from second year.



  
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- Gave a brief information of students contribution to college i.e., development of college website and Tarang websites every year.
- Discussed about Recent trends in Computer Science like Big Data Analytics, Machine Learning and IOT.
- List of companies visit campus for placements

### **Visit to Labs:**

All first year students along with faculty members visited all labs located on the first and second floor.

- Lab in charges explained clearly about the configuration of systems in lab & importance of labs. Students felt very happy after seeing IT workshop Lab and IBM Software Lab.
- All students visited Staff room and communicated with few faculties.

At the end of the session all CSE students were extremely satisfied and happy.

### **ELECTRICAL AND ELECTRONICS DEPARTMENT**

All the students were welcomed to the department of oldest engineering course by Hod and faculty members. Detailed information of the faculty their experience and research work is provided. As It is very important for all engineering students irrespective of the branch to have first hand information of the laboratories they were taken to labs. Keeping this in mind names of the labs ,importance of labs, experiments they conduct and equipment available is explained in detail. They explained about NETWORKS LAB,ELECTRICAL MACHINES LAB,SIMULATION LAB,ELECTRICAL MEASUREMENT SLAB,POWER ELECTRONICS LAB etc;

To inspire and motivate students, information regarding great scientists of their stream and their innovations were explained. Job opportunities available in both government sector and private sector were explained. List of some companies which provide jobs were named.

STATE LEVEL : APGENCO,APTRANSCO,VIZAG STEEL PLANT,

CENTRAL LEVEL : SAIL, HAL, NTPC ,HPCL



  
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PRIVATE: VIJAY ELECTRICAL, SIEMENS, PRIVATE POWER PLANTS

Students were satisfied with the knowledge they gained through their visit. They came out thanking HOD and faculty.

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**


Department presentation started with some quotes. Definition of ELECTRONICS is explained. Dr.Dinesh kumar, HOD took the lead to explain about the department. During the visit to department students got exposure to the Electronic gadgets we use in our daily life & benefits. Scope & applications of Electronics & Communication Engineering – Emerging Technologies has been explained. It has been said that if they possess practical application knowledge, they can develop passion towards the subject. They also mentioned the emerging areas of the branch. The upcoming fields information like, Vote by e-mail, Robotic Dragonfly, DARPA Pix-net Camera, Heat Sink, futuristic phones etc was shared.

Basic information of the sectors where they get jobs and selection procedure of employment is given. The names of government organizations, public and private sectors were shared. Through this information they made students to understand recruitment process. The importance of being a member of concerned professional bodies and types of activities they conduct with the help of bodies and its usage for their future success was explained. The role of training & placement department in procuring jobs through a special campus recruitment training is conveyed. Detailed explanation of laboratory names, equipment existing and the list of experiments they conduct is given. Students were taken to labs to have practical look. With this the visit to department came to an end. All students came out with an expression of achievement.

## **PRESENTATION BY THE EXAMINATION BRANCH**

Dr. J. V. RAO, Dean Evaluation has presented a seminar on **“ACADEMIC REGULATIONS FOR B.TECH. REGULAR STUDENTS WITH EFFECT FROM ACADEMIC YEAR 2018-19 (R-18)”**



  
Dr. J. V. Rao  
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Dr Rao has clearly explained the B.Tech. Programme structure to the newly admitted students to avoid the detention and discontinuation among the students and simultaneously motivated the students towards the maximum pass percentage.

Dr Rao has detailed the students by explaining the following conditions.

A student after securing admission shall complete the B.Tech. programme in a

- minimum period of **four academic years (8 semesters), and a maximum period of eight** academic years (16 semesters) starting from the date of commencement of first year first semester, failing which student shall forfeit seat in B.Tech course.
- Each student shall secure 160 credits (with CGPA  $\geq 5$ ) required for the completion of the under graduate programme and award of the B.Tech. degree.

He has briefed the students by explaining the semester scheme, that ,Each semester of 22 weeks ( $\geq 90$  instructional days) each, each semester having - 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)' under Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) indicated by UGC, and curriculum/course structure as suggested by AICTE are followed.

Subject Course Classification – Dr Rao said that there will be three kinds of courses –

- a) Foundation Courses    b) Core Courses    c) Elective Courses

#### **Attendance requirements**

A student shall be eligible to appear for the semester end examinations, if the student acquires a minimum of 75% of attendance in aggregate of all the subjects/ courses (excluding attendance in mandatory courses like Environmental Science, Constitution of India, Intellectual Property Rights, and Gender Sensitization lab) for that semester. Two periods of attendance for each theory subject shall be considered, if the student appears for the mid-term examination of that subject.

This attendance should also be included in the fortnightly upload of attendance to the University.

The attendance of Mandatory Non-Credit courses should be uploaded separately to the University.

- Shortage of attendance in aggregate up to 10% (65% and above, and below 75%) in each semester may be condoned by the college academic committee on genuine and valid grounds, based on the student's representation with supporting evidence.
- A stipulated fee of Rs. 310/- shall be payable for condoning of shortage of attendance.



  
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- Shortage of attendance below 65% in aggregate shall in no case be condoned

## Attendance Detention

Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examinations of that semester. They get detained and their registration for that semester shall stand cancelled. They will not be promoted to the next semester.

## Academic requirements

A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course, if student secures not less than 35% (26 marks out of 75 marks) in the semester end examination, and a minimum of 40% (40 marks out of 100 marks) in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together.

A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to Industrial Oriented Mini Project/Summer Internship and seminar, if the student secures not less than 40% marks (i.e. 40 out of 100 allotted marks) in each of them.

## Evaluation - Distribution and Weightage of marks

The performance of a student in every subject/course (including practicals and Project Stage – I & II) will be evaluated for 100 marks each, with 25 marks allotted for CIE (Continuous Internal Evaluation) and 75 marks for SEE (Semester End-Examination).


**For theory subjects**, during a semester, there shall be two mid-term examinations.

**Each mid-term examination** consists of one objective paper, one descriptive paper and one assignment.

The objective paper and the descriptive paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for descriptive paper). The objective paper is set with 20 multiple choices, fill- in the blanks and matching type of questions for a total of 10 marks.

The descriptive paper shall contain 4 full questions out of which, the student has to answer 2 questions, each carrying 5 marks. While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus. Five marks are allocated for assignments (as specified by the subject teacher concerned).



  
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## ASSIGNMENT TESTS

The total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in Continuous Internal Evaluation.

If any student is absent from any subject of a mid-term examination, an on-line test (CBT) will be conducted for him/her by the University.

### End semester question paper pattern

The semester end examinations (SEE) will be conducted for 75 marks consisting of two parts viz. i) Part- A for 25 marks, ii) Part - B for 50 marks.

Part-A is a compulsory question consisting of ten sub-questions. The first five sub-questions are from each unit and carry 2 marks each. The next five sub questions are one from each unit and carry 3 marks each.

Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from one unit and may contain sub-questions.

For each question there will be an “either” “or” choice, which means that there will be two questions from each unit and the student should answer either of the two questions.

## R-18 PROMOTION RULES

### Eligibility for award of B. Tech. Degree

- The Regular students after securing admission shall pursue a course of study for not less than four academic year and not more than eight academic years.
- The student shall register for 160 credits and secure 160 credits with CGPA  $\geq 5$  from ear to IV year for the award of B.Tech. Degree.
- The students, who fail to fulfill the requirement for the award of the degree in eight academic years from the year of admission, shall forfeit their seat in B.Tech.

## GRADING PROCEDURE

% of Marks Secured in a Subject/Course (Class Intervals)	Letter Grade (UGC Guidelines)	Grade Points
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Greater than or equal to 90%	O (Outstanding)	10
80 and less than 90%	A+ (Excellent)	9
70 and less than 80%	A (Very Good)	8
60 and less than 70%	B+ (Good)	7
50 and less than 60%	B (Average)	6
40 and less than 50%	C (Pass)	5
Below 40%	F (FAIL)	0
Absent	Ab	0

Dr Rao has concluded his presentation with the calculation of CGPA.

This kind of presentation will surely hope towards the positive attitude and good results from the students.

**Events:**

The Department Technical Event coordinators conducted two events for first year students.

1. Memory Quiz
2. Abbreviation Game

The faculty along with final year students organized these two events. They divided all the students into three batches and conducted events in class rooms. After completion of events winners and active participants were identified and prizes were given to the winners of three batches.

At the end of the session all CSE students were extremely satisfied and happy.

**IV. IQAC and NSS**



*S. Subramanian*

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IQAC exam was conducted to all the students to test their IQ, E.Q levels and numerical ability and logical reasoning. Students were explained about the MS and M.Tech programmes in the renowned and reputed institutions around the world.

An NSS awareness programme was conducted by Mr. H.Avinash, NSS, coordinator to develop team work, patriotism, and sense of social responsibility among the students.

V. **CONCLUSION:** This programme created awareness among the students regarding their parent department. It developed curiosity towards their courses. Students expressed that it was quite useful for them.

**CONCLUSION:** Students expressed opinion that department visit was quite useful for them . They also mentioned that this programme created awareness among the students regarding their parent department. Also it developed curiosity towards their courses.



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