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A REPORT ON STUDENT INDUCTION PROGRAMME FOR FIRST YEAR STUDENTS FOR THE ACADEMIC YEAR 2022-23



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INTRODUCTION

Vidyavardhini's College of Engineering and Technology organized a Three-week induction program for the fresh candidates to First Year Students in line with the AICTE requirements.

OBJECTIVE

The objective of the program 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.

The time during the Induction Program is also used to rectify some critical lacunas and sensitize them towards exploring their academic interest and activities, reducing competition and making them work for excellence, build relations between teachers and students and overall personality development. The induction program contained interesting activities like motivational speech, team building activities, expert lectures, and campus orientation sessions etc. The rationale for induction was to ensure a smooth transition for the students into the university system.

The following major activities under the induction program in which the students would be fully engaged throughout the day for the entire duration of program, this includes:

- 1. Physical activity: This would involve a daily routine of physical activity with games and sports which will help them to develop team spirit.
- 2. Proficiency Modules: Lectures on Basic English, Basic Mathematics, and Basic Computer Operation were conducted, and tests were taken to refresh the knowledge of the students. These lectures and tests were useful to recall and recollect the knowledge of the students.
- 3. Universal human values: It gets the student to explore on self and allows one to experience the joy of learning, stand up to peer pressure, take decisions with courage etc.
- 4. Literary: Literary activities involved reading, writing, debating and enacting a play.
- 5. Lectures by Eminent People: This period can be utilized for lectures by eminent people to give the exposure to the students in various fields.

A total of 480 students participated in this program which was conducted from 04th November 2022 –25th April 2023 & then it was continued throughout the academic year. Faculty and student mentors from across programs worked extensively to ensure that the induction was well organized.



The following report includes the schedule and brief notes on the various events conducted as part of the induction program.

TIMETABLE

DAY	DATE	SESSION	TIME	EVENT
1	04/11/2022	Session 1	10.00am -1.00pm & 2.00pm-4.00pm	Orientation program & Industrial Visit
2	07/11/2022	Session 2	2.00pm -1.00pm	Introduction to Sport Facilities activities
	09/11/2022		9.00am -11.00am	Introduction to placement activities
3		Session 3	11.30am-1.00pm	Seminar on 'Universal human values (Self-Assessment)' conducted by Ms. Poonam Surunge
4	10/11/2022	Session 4	2.00pm -1.00pm	Introduction to Student Council activities
	11/11/2022		9.30am -11.00am	Music Therapy with IOT
5		Session 5	11.30am -1.00pm	Seminar on 'Physical Fitness & Yoga Activities' conducted by Speaker Mr. Akshay Vernekar from Physical Fitness Trainer.
6	14/11/2022	Session 6	9.30am -1.00pm	Orientation program & Industrial Visit (Cap 3 students)
			10.30am-11.30am	Seminar on 'Physical Fitness & Yoga Activities' conducted by Speaker Mr. Akshay Vernekar from Physical Fitness Trainer. (Cap 3 students)
7	15/11/2022	Session 7	11.30am-1.00pm	Session on Innovation,Startup and Entrepreneurship-New Era for Young Engineering Graduates Mr. SandipSukhija Director, S.Cranes Pvt.Ltd,Mumbai
			2.00pm -4.00pm	Preface to E-Cell activities
8	16/12/2022	Session 8	9.30am -1.00pm	Introduction to SAE India (Ethan,Soleccthon,Quadbike & AILMOVA)
			2.00pm-4.00pm	Literary Activity
9	04-15/1/2023	Session 9	4.00pm - 5.00pm	Sports Activity
10	13 - 16/3/2023	Session 10	4.00pm - 5.00pm	Lectures on Basic Mathematics
11	20 - 23/3/2023	Session 11	4.00pm - 5.00pm	Lectures on Basic English
12	27 - 30/3/2023	Session 12	4.00pm - 5.00pm	Lectures on Basic computer operation
13	03- 05/4/2023	Session 13	4.00pm - 5.00pm	Diagnostic test on Basic Mathematics
14	10 - 13/4/2023	Session 14	4.00pm - 5.00pm	Diagnostic test on Basic English
15	17 -20/4/2023	Session 15	4.00pm - 5.00pm	Diagnostic test on Basic computer operation
16	24- 27/04/2023	Session 16	4.00pm - 5.00pm	Literary Activity



DAY 1- FE Orientation Program 2022

An orientation programme was conducted for the newly inducted students of First year Engineering students on 4th Nov 2022 in the world of Engineering at Vidyavardhini College of Engineering and Technology, Vasai (W), District –Palghar, in the 3rd floor, Seminar Hall.

The purpose of the orientation programme was to get the students accustomed to the 1st Semester subjects like Engineering Mathematics, Engineering Mechanics, Fundamentals of Electrical Engineering and non-academic aspects of their Curriculum. Two sessions were conducted using interactive audio visuals.

The dignitaries for the programme were our Principal Dr.Harish Vankudre, Dean Academics, Dr. Vikas Gupta, Dr. Madhavi Waghmare, Dr.Prafulla Patil- Placement in-charge, FE Coordinator - Dr.Sunayanana Jadhav, Ms. Chandrakishori Sonarkar- Chemistry/Induction Programme in-charge and Psychologist/Counselor- Ms. Poonam Surange.

The Orientation Programme was started with a warm welcome note by Mrs. Kamini More, Assistant Professor, Professional Communication & Ethics with support of Dr.Suraj Vishwakarma, Assistant Professor, Physics. Then first dignitary Principal Dr. Harish Vankudre addressed students by welcoming them and briefing about the college history, NAAC Accreditation, Outcome Based Education, Unique Selling Points of VCET, E-Cell innovations, Industry trends and important other activities related to their four years curriculum in the college campus. Principal Sir concluded his address by advising students to be focused throughout their four years term with confidence, dedication and concentration.

Secondly Dean Academics Dr. Vikas Gupta informed about the Vision-Mission inculcation, achievements of faculties, students and various committees during the past years. Dr. Madhavi Waghmare, threw light on curricular and co-curricular activities carried out in the college. Dr. Prafulla Patil educated the students by briefing them about their academic performance in each



term for getting placement opportunities provided by VCET through placement cell. Also he made students aware of the free placement training facility provided by the College. Dr. Sunayana Jadhav coordinated with the students regarding the Exam structure, CBCGS aspects and Exam Evaluation process. Ms. Chandrakishori Sonarkar further added to the knowledge of students about the importance, need and execution of the Induction Programme. Ms. Poonam Surange shared her past year's students counselling knowledge to the fresher's and assured her assistance in their personal or any academic issues. The Orientation Programme concluded with vote of thanks by Ms. Dorill Carvalho, to all the dignitaries, teaching/non-teaching staff for their support and guidance to the FE students with a warm welcome to the VCET family.

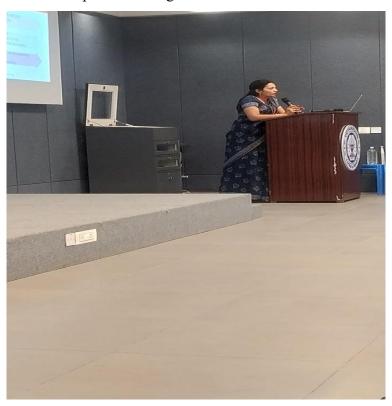


Dr. Harish Vankudre addressing FE students.





Dr. Vikas Gupta addressing Institutes' details for FE students.



Dr. Sunayana Jadhav addressing about rule & regulation for FE students.





Ms. Chandrakishori Sonarkar addressing about SIP for FE students.



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DAY - 2 INTRODUCTION TO SPORTS FACILITIES

The first-year orientation programme is designed to provide all students with a basic understanding of the Sports Committee and its functions. The FE students were also introduced to all the committee members and a brief overview of the college sports teams and their operations. Furthermore, the students were acquainted with Avahan, the grand annual sports event organized by the VCET Sports Committee that lasts nearly 15 days and includes students from all departments participating in all sports events with great enthusiasm.

This year's FE orientation was conducted on 7th November 2022. All the students from various branches were overjoyed to be able to attend this event. This event took place in the college Seminar Hall. Prof. Neha Gharat, Sports In-charge along with FE faculty, supervised the event. The committee members' primary goal was to educate students about the Sports Committee's operations.

The event began with an overview of the committee's various subsystems. The main goal was to create an informal communication bridge between FE students and seniors. Following this, all students were informed about the Sports Committee's events, which included the FE induction programme, the FE orientation programme, and the biggest and most anticipated event of the year, Avahan. The committee members showed all the freshmen a video of the previous event, Avahan. It began with the grand inauguration ceremony and continued with all the sports played throughout the event, which included Athletics, Overarm Cricket, Box Cricket, Rink Football, Volleyball, Tug of War, and Indoor Events such as chess and carrom.

Each member present at the programme was inspired by the experiences shared by SE and TE participants of past Avahan events.

The students were gradually encouraged to participate in some on-the-spot minute games curated by committee members for the sole purpose of instilling a spirit of oneness and wilful participation. The session radiated with pure joy and enjoyment. Moving on with the informative session, they were also informed about the generous sponsors who contributed to the success of the past several years Avahan. The FE students were then informed about the various sports teams that represent



the college and compete on an intercollegiate level.

The freshmen were then addressed by the Sports Secretary Mr. Nitheesh Kulal along with the Treasurer Jay Wanjari to share their experience.

The Orientation was then switched to a Q&A session, where all FEs were free to ask any question about sports or academics. The Committee members did their best to answer as many questions as possible. After answering the questions, the event came to a close.

After carrying out all the above activities, this event was marked successful. The event's success was majorly credited to Second-year and Third- year members of the Sports Committee.

Glimpses of FE Orientation program:









Day – 3 Introduction to Placement activities and Orientation of Universal Human Values

An induction programme on Universal Human Values and Placement Activity was conducted for First year students on 09th Nov 2022 at Vidyavardhini College of Engineering and Technology, Vasai (W), District –Palghar, in the 3rd floor and ground floor, Seminar Hall.

The purpose of the Induction programme was to get the students aware of basic human values and Employability skills.

The Induction Programme was started with a welcome note and introduction of speakers by Ms.Dorill and Ms.Praiza. Then the session was taken over by the speaker Mr.Ankur Srivastava, Senior Manager at Campus Vertical-SHL Group.He spoke about various Assessment Technology like AMCAT, Automata, SVAR WriteX, which will be helpful for students for getting placed in various Companies.

He also spoke about mock AI and employability skills that students should gain in their three years of Engineering.

Secondly, the VCET Counselor, Ms.Poonam Surange enlightened the students with nine Universal Human Values:Trust, Respect, Affection, Care, Guidance, Gratitude, Reverence, Glory and Love with various relevant examples.

Next,Ms.Aradhana Aggarwal spoke about Basic Communication Skill.She explained about miscommunication and importance of communication, defined Verbal and non-verbal communication, elements of communication,7 C's of communication ,basic requirements and benefits of communication at workplace and improvement of communication skill.

The Induction Programme concluded with a vote of thanks to all the Speakers.



Some Glimpse of Placement Activities







Some Glimpse of Universal Human Activities







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DAY -4 VCET STUDENTS' COUNCIL

The FE Orientation program is organized for all the recently enrolled first year students. The program is conducted to give a brief idea regarding the Students' Council. The Students' Council also helps them out by clearing all their doubts. The session was conducted in the Seminar Hall of VCET.

The session included information regarding the basic structure, objective, working and role of Students' Council. All the series of events conducted by Students' Council were also concisely explained to all the first years. Along with that an informal conversation was held by the seniors of Students' Council to make students familiar and comfortable with their seniors and get a proper idea about the college events and the working of college including the co-curricular and extra-curricular activities. The first-year students opened up to their seniors and asked their queries to them. By the end of the session After the Movie of Zeal was streamed on the screen which fascinated all the students about Zeal and to be a part of the Students' Council.

The Students' Council also conducted an Ice-breaking session for all the first-year students in which different fun games were conducted along with some beautiful performances and talents showcased by the students. All the students enthusiastically participated in the games and had a lot of fun.















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DAY 5-FE Orientation Programme -Session I Music therapy

An induction program on Music Therapy Activity was conducted for First year students on 11th Nov 2022 at Vidyavardhini College of Engineering and Technology, Vasai (W), District –Palghar, in a 3 rd floor digital classroom.

The purpose of the Induction program was to get the students aware of Music therapy for stress management.

The Induction Program was started with a welcome note and introduction of speakers by Mr.Mayur. Then the session was taken over by the speaker Prof. Yogesh Pingale ,Assistant professor IT,VCET; Harmonium visharad,Akhil Gandharva vidyalaya miraj. He briefs about Importance of music in life for stress management,how music can be combined with technology as a part of therapy.

He also spoke about music ragas ,notes, shruties which have various frequencies that can be used in machine learning ,deep learning ,robotics and IoT as a part of stress management in music therapy.

Next, Ms.Aradhana Aggarwal spoke about Basic Communication Skill. She explained about the importance of communication skills, elements of communication and , defined Verbal and non-verbal communication ,7 C's of communication ,basic requirements and benefits of communication at workplace and improvement of communication skill.

The Induction Program concluded with a vote of thanks to all the Speakers.

FE Orientation Programme -Session II Yoga Activity

A session on Yoga and physical fitness was held on November 11, 2022 as a part of an Induction program arranged for the students of first year engineering in Vidyavardhini's College of Engineering and Technology, Vasai road, Vasai. The session was conducted for students of division A and B from 9:00am to 11 am and from 11.30 to 1.00 pm for the students of division C and D. The inaugural speech was given by Mr. Ganesh Tilve. Later he introduced the chief guest of the event Mr. Akshay Vernekar, a certified fitness trainer and national kickboxing gold medalist. After formal introduction Mr. Tilve handed over the charge of the session to Mr. Akshay Vernekar .Beginning the session by telling about his experience



and past achievement, Mr. Vernekar said that he is an international champion and has also won many bronze and silver medals. His students are following his footprints and will be participating in Asian Games, 2023.

Mr. Akshay Vernerkar interacted with students with zeal and enthusiasm. He emphasized the importance of physical exercises in daily life and quoted how physical fitness is as equally important as academics. He encouraged the students to spare a minimum of 20 minutes of their daily routine for the exercise. Along with the physical fitness he also suggested working on enhancing the inner strength. As a part of daily exercise he mentioned to do four types of exercises -pull ups, Squats, bicycle crunches and lunges which help to enhance the strength of all body parts. Some of the exercises were demonstrated by him .A group of students also performed different types of exercise Later he also threw some light on different methods of self defense. Demo acts of attack and self defense were done which students learned and also enjoyed thoroughly. The overall session was very interactive and helpful for students.

As the ending note ,Mr. Ganesh Tilve thanked Mr. Akshay Vernekar, all students and all teaching and non teaching staff members.

Some of the glimpse of the session are included.

















FE Orientation Programme -Session III E-Cell activities



On Friday, 11th November 2022, a 'power' packed orientation program by the E-cell of Vidyavardhini's College of Engineering & Technology (VCET) for the First- year students was organized. The students were awe-struck by the event. It was enthralling, full of light-hearted dialogues, lively, and interactive. The hosts Manaswi Jadhav & Mittarv Shah maintained the interest meter of the FE students at the highest through their flawless hosting.

Every parent dream of a money-magnet Engineer in the family. The orientation program sparked enthusiasm in the hearts of the students when they found various means to fulfill their parents' dreams. The purpose of the E cell- an Entrepreneurship cell of the college seemed to be half done. The difference between a businessman and an entrepreneur encouraged students to choose their path of progress. The E cell aimed not only to develop the hidden talents of the students through its various teams but also to train them to turn their talents into money-earning sources.

In the orientation program, the FE students were given an insight into the objective, and importance of E-cell, its flagship events, E- summit, Bizmaster, and the Entrepreneur desk & start-up sessions. The students found the program more interesting when the video of the previous events was played. The multifarious teams of the E- cell were introduced and their work was explained.

With the arrival of Aditya Joshi, the students reached another level of excitement as he played with them Logo Gyan and many other brainstorming games in which they had to recognize the famous brand names through half-displayed logos, founders' names, etc. The students participated with zeal and enthusiasm. It was amazing to witness that the students correctly answered and won the hearts of the seniors.

The session had indeed done a remarkable job of encouraging students to get friendly with their seniors, join the teams of their interest, and proceed toward a bright future.

DAY 6 : Orientation about Ethan , Solecthon , Quad Bike and Airnova Orientation by SAE TEAM



On 29th December 2022, an orientation program was conducted by the Society of Automotive Engineers (SAE) teams of Vidyavardhini's College of Engineering and Technology. The orientation was held in the ground floor seminar hall of the college, and it was aimed at giving students an insight into the different SAE teams of the college and their activities. The SAE teams that presented during the orientation were Team VCET Solecthon, Team Ethan Racing Electric, Team Centurions, Team Airnova, and Team Emechto. Each team presented their work and outlined what students could learn by joining their team

Team VCET Solecthon, which has been making Driverless Solar Electric cars since 2017, shared their vision and goals with the students. The team explained that they aim to create sustainable and environment-friendly mobility solutions through their innovative driverless solar electric cars. They also discussed the different technical and non-technical skills that students could learn by joining their team, including programming, electronics, and project management.

Team Centurions, on the other hand, builds off-road quad bikes and was founded in 2015. The team shared their experiences of participating in various national and international competitions and highlighted the importance of teamwork and perseverance in achieving their goals. They also discussed the different challenges that students could face while working on their quad bike projects, such as design, fabrication, and testing.

Team Emechto, which builds electric motorcycles and was founded in 2019, discussed their passion for creating sustainable and efficient mobility solutions. They shared their experiences of participating in various competitions and explained how students could learn different skills, such as motor design, battery management, and power electronics, by joining their team.

Team Airnova, which builds unmanned aerial vehicles and was founded in 2020, shared their vision of creating innovative and cost-effective UAV solutions for various applications. They discussed the different technical and non-technical skills that students could learn, such as aerodynamics, control systems, and project management.

Team Ethan Racing Electric, which designs and builds high-performance electric race cars, discussed their experiences of participating in various competitions and their vision of promoting sustainable and



environment-friendly mobility solutions. They highlighted the different technical and non-technical skills that students could learn by joining their team, including vehicle dynamics, power electronics, and aerodynamics.

In conclusion, the orientation program conducted by the SAE teams of Vidyavardhini's College of Engineering and Technology was an excellent opportunity for students to learn about the different SAE teams of the college and their activities. The presentations by each team were informative, inspiring, and provided students with valuable insights into the skills and experiences they could gain by joining these teams. The program was successful in promoting the importance of extracurricular activities and inspiring students to pursue their passion for innovation and sustainability in the field of automotive engineering.

Day 7 Literati Activity









Similar to every year, the FE Orientation Programme was organized by the Literati Club of Vidyavardhini's College of Engineering and Technology and it was a huge hit among first-year students. The committee members ensured that the students had a fun-filled experience throughout the orientation. The program has not only provided entertainment to the students but also helped in building camaraderie among the students from different branches. The program was scheduled on 18th November 2022 between 3 pm to 5 pm in Ground Floor Seminar Hall. It was taken in two batches since there were lots of students waiting outside of the seminar hall when the members commenced with the 1st batch. The program was started by introducing the Literati Club, events organized by us, followed by the description of annual college magazine 'VISTA'. The participating students were stunned by the outstanding work of our creative-minded VCETians which was highlighted In VISTA.

The event took an interesting turn when the organizing team announced that they have some fun games for the youngsters sitting in the crowd. The very first game was guessing the Riddles, all the participants participated actively in this game and came up with interesting answers. It was followed by another game, "Guess the author". In this, the students were shown images of some popular books and they had to guess the author for a particular one. "Guess the song" was the last game for the evening wherein pictures of some scenes of popular songs were displayed and the students had to guess the movie, and song and sing them. Then attendees did not just participate enthusiastically but we also witnessed several secret superstars of VCET. It was a great start to the new academic year for the first-year students of VCET. The students were really appreciating the orientation program as it was a kind of break from their daily hectic schedule. It was a colossal success as the motive of providing knowledge and entertainment to the first-year students was achieved in a dandy manner.

Some Glimpse of Literati Activity











Vidyavardhini's College of Engineering & Technology

First Year Engineering

Session on Innovation, Startup and Entrepreneurship-New Era for Young Engineering Graduates.

Objective: To inculcate the importance of innovation which leads to start up and growing startup turned in to entrepreneurship.

About the Speaker: The guest speaker for the session

1. Mr. SandipSukhija

Director, S.Cranes Pvt.Ltd, Mumbai

Brief introduction of chief guest

Mr. Sandeep Sukhija, He is a Director of S. Crane Engg. Works, manufacturing Cranes, Hoists and Lifts located in Mumbai. Mr.Sukhija completed his Engg, in 1990. Joined family business in 1986 and has been engaged in expansion of the business since then. He has been a program leader at Denmark- a training and development organization since 2009 and he has trained 1000s of people so far. His annual turnover is around 50 crores and employee strength is around 200. The manufacturing plant is at Umbergaon Near Dahanu.

Brief aspects of the event highlights:

The day begins with the welcoming chief guest by Dr.Madhavi Waghmare, Convenor, IIC and briefly introduce the expert speaker at the beginning of the session.. There were 150 student participants were take part in this event.

At the beginning Mr.Sandip introduced himself as a mtivator for any one for any cause under the sun. He motivates many peoples so far making their life easier. Sir begins with the introduction of innovation, asked students to define the term innovation. Students are also excited and define the term in their own language. Sir also encouraged them to speak up highlighting the examples in relation to the terms students are mentioning.

Mr Sandip then turn to the term start up. He underlines the importance of start up and how one could begin his/her own start up. One important parameter for beginning a statup is to convenience the parernts. According t Mr.Sandip, if one won't able convenience his parents could not able to convenience outsiders. To have successful start up, one have prior research on each and every angle of the product planning for.

The entrepreneurship is the outcome of successful startup which depends largely upon the sales team. If the dissimilation of the product reached to needy one, it will be possible to sell the product. The entrepreneur should have the knowledge of all fields of developing the business because he is

the only person who has to handle all the sectors of business starting from material procurement, manufacturing, finance, sells, service etc. Mr. Sandip gave a mantra for successful entrepreneur is the USP of the product should reach to end user. He shares the USP of his product is the best after sell service wherein the engineer from factory will repair



wherever required in the factory. The customers need to be satisfied with the promises made by the entrepreneur. He also emphasis upon the word given by us should be fulfilled at any cost, then and then only the customer will believe you and think of doing businesss with you.

Many such interesting examples, interactions with students, browsing on internet for important definitions by students make the session very interesting and keeps students engaged for almost 1 hour and 40 mins in the seminar hall. One thing observed here is that first year students who just began their engineering education found more curious about the field of innovation, startup and entrepreneurship. So they are the brand ambassador for us.

Many students share their ideas with the exper speaker at last and received the constructing comments fro the expert speaker.

The event continued for around 2 hours at stretch.

DrAshish Chaudhari, President highlighted some salient points of the speech delivered by Mr.Sandip and bring to notice of students that there are two sides of coin at end of graduation. One side is the placement wherein you join some industry and earn money as salary. The other side of the coin is the start up and entrepreneurship where in you no longer be a jook seeker become a job creator.

SO you have to decide where you wish to turn and the beginning is from this point onward itself. The felicitation will take place with a memento to Mr. Sandip Sukhija by Dr. Madhavi Waghmare .

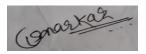
The vote of thanks was delivered by Dr. Mdhavi Waghmare.



ACKNOWLEDGEMENT

I wish to express our deep sense of gratitude to ...

- Hon. Mr. Vikas Vartak (President of VCET)
- Hon. Mr. Arun Vartak, (Chairman of VCET)
- Hon. Secretary and Joint Secretary of VCET
- Dr. Harish Vankudre (Principal, VCET)
- Registrar Mr. Vishal Save
- Dr Vikas Gupta, Dean of VCET
- All the Head of different Departments of VCET
- All the committee members of Induction Program
- All the Teaching and Non-Teaching Staff
- FE Coordinator Dr Sunayana Jadhav
- Team of Students



Ms. Chandrakishori Sonarkar

SIP In charge