



NEW HORIZON
COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

INDUCTION PROGRAM FOR FIRST YEAR BE STUDENTS

2021-22 BATCH

DEPARTMENT OF APPLIED SCIENCES

Dr. Revathi V
HoD Physics

Dr.Srinivasa G
HoD Mathematics

Dr.Anusuya V S
HoD Chemistry

CONTENTS

S.No	Program	Day
1.	Introduction	
2.	Orientation program for I year BE students	Day 1
3.	Universal Human Values – I <ul style="list-style-type: none"> • Welcome and Introduction • Aspirations and Concerns • Self-Management • Health • Relationship • Society • Natural Environment • Sum Up 	Day 2 -Day 21
4.	Implementation of NEP@NHCE	Day 4
5.	Career Avenues	Day 4
6.	Familiarization of the department & Campus Tour	Day 5
7.	Motivational Talk: Skills for the Engineers	Day 8
8.	Motivational Talk: UHV Self-Management	Day 9 & Day 10
9.	Talent Show : Extra Curricular Activities	Day 13
10.	Motivational Session: Attitude for Life	Day 14
11.	Movie Show : 14 Peeks	Day 16
12.	Be the Trail Blazer	Day 18
13.	Communication Skills	Day 19
14.	Library Orientation	Day 20
15.	Proficiency Modules	Day 2 – Day 21
16.	Co-Curricular Activity	Day 22
17.	Alumni Talk Series	Day 23

Total number of days	23
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Introduction

Transition from school to college life is one of the most challenging events in a students' life. When students enter an institution, they come with diverse thoughts, backgrounds and preparations. They come into a new unfamiliar environment, and many of them have little knowledge of about the institution. Student Induction program is designed to welcome new students to Higher Education and prepare them for their new role. Purpose of Student Induction Programme is to

- Help new students adjust and feel comfortable in the new environment
- Inculcate in them the ethos and culture of the institution
- Help them build bonds with other students and faculty members and
- Expose them to a sense of larger purpose and self-exploration.

At New Horizon College of Engineering, student Induction Programme is planned as soon as the first semester commences, before starting the regular classes as per the guidelines given by AICTE and VTU. During the induction program, the students learn about the institutional policies, facilities, processes, practices, culture and values.

Students Induction program cover various aspects such as

- **Socializing:** Meeting other new students, senior students
- **Associating:** visits to all departments, Programme of study & important places on campus
- **Governing:** rules and regulations, student support
- **Experiencing:** Subject lectures, study skills, small-group activities, physical activity, creative and performing arts, literary activities, universal human values, etc.

List of activities included in student induction program are:

- Lectures by Eminent People
- Physical Activity
- Mentoring
- Familiarization to Dept./Branch.
- Creative Arts and Culture

- Lectures by Eminent People
- Extra-Curricular Activities
- Language session

Orientation Program for I year BE students – Day 1



NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF APPLIED SCIENCES

Dear Parents and Students,
We cordially invite you to the orientation program of I year BE 2021-22 batch to be held on 26.11.2021 at NHCE auditorium, Major Sendeep Unnikrishnan Block

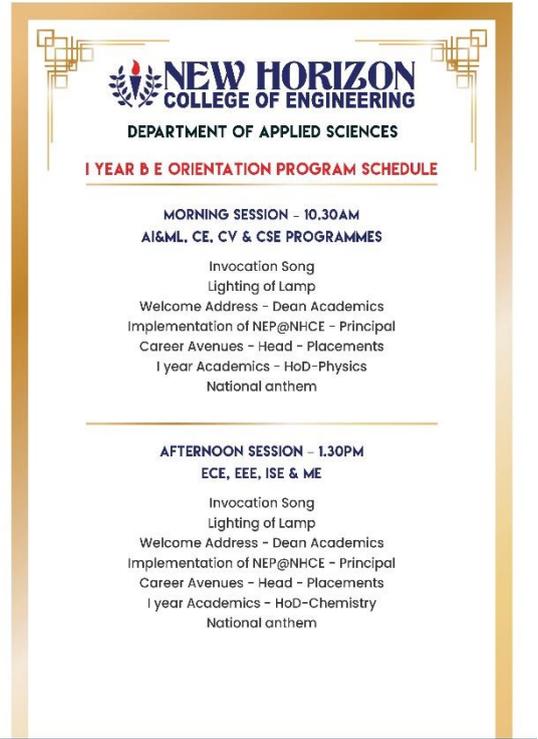
Orientation Program
for
I YEAR BE
A.Y 2021-22

Morning Session: 10.30am
Afternoon Session: 1.30pm

AI&ML, CI, CV and CSI
ECE, EEE, ISE and ME

Venue: New Horizon Auditorium
Date: 26th November, 2021

PRINCIPAL



NEW HORIZON COLLEGE OF ENGINEERING
DEPARTMENT OF APPLIED SCIENCES

I YEAR BE ORIENTATION PROGRAM SCHEDULE

MORNING SESSION – 10.30AM
AI&ML, CE, CV & CSE PROGRAMMES

Invocation Song
Lighting of Lamp
Welcome Address – Dean Academics
Implementation of NEP@NHCE – Principal
Career Avenues – Head – Placements
I year Academics – HoD-Physics
National anthem

AFTERNOON SESSION – 1.30PM
ECE, EEE, ISE & ME

Invocation Song
Lighting of Lamp
Welcome Address – Dean Academics
Implementation of NEP@NHCE – Principal
Career Avenues – Head – Placements
I year Academics – HoD-Chemistry
National anthem



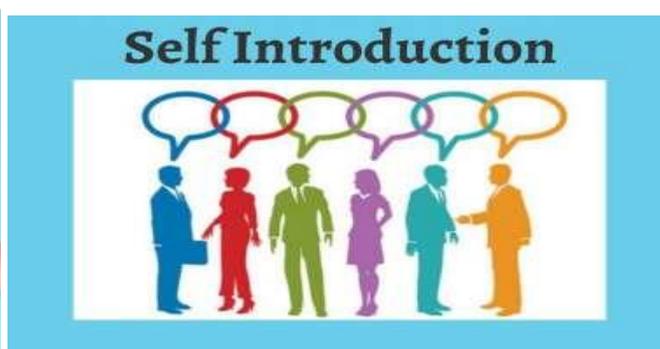


Orientation program for of I year BE was conducted on Day 1 induction program, in two sessions, for which parents and students were invited. Dean Academics welcomed parents and students and gave a brief introduction about the institution. The rules and regulations to be followed was explained by I year HoDs. They also gave an insight about the I year academics. Students were informed about their sections and the schedule for the induction program was handed over to them. The importance of conducting the Induction program was explained to the students and parents.

Program: Universal Human Values –I – Day 1 to Day 21

Topic 1: Welcome and Introduction

The aim of introducing UHV in the induction program is mainly to facilitate the student to see the need for developing a holistic perspective of life, to sensitize them about the scope of life as an individual, in a family, in society and in nature. It is also focused to strengthen one's self reflection.



The first topic in UHV is to break the ice, by having self-introduction. The faculty members conducted this in the classroom environment for one week (Day 2 to Day 9). This introductory session played an important role as everyone got to know about their peers. Classes were initially addressed by the HoD and then later it is taken over by the class teachers for facilitating welcome and introduction session. To begin with faculty members introduced themselves to the students to make them feel comfortable. This was followed by the self-introduction by the students. They introduced to each other by giving information such as their name, place they belong to, educational background, family, aspirations and the reason for choosing the engineering program. The faculty members gave them confidence and told them about the role of teachers as mentors. Further a healthy competition was kept between the students to introduce maximum of their batch mates by rewarding the students who could introduce maximum numbers. This helped them to know their peers better.

Topic 2: Aspirations and Concerns

After the self – introduction session, students were given with the assignment as below which helps them explore their aspirations and the concern's, which helps them to address concern's which is coming on their way of aspiration.

Assignment 1 (Topic- Aspirations and Concerns)

1. Make a list of your aspirations, the expectations of your family and friends and the hopes you see the nation has from you.
2. Make a list of your concerns, fears, confusions, questions, regarding your goals/aspirations etc

Aspirations	Achievements (Achievements made so far related to your aspirations)	Concerns

The students are introduced to the department of counselling, headed by Dr.Reena Jain. They were given confidence that if they feel like talking to the counsellors they can do so by having a personal meeting with the counsellor. With the filled in aspiration and concern form, they can discuss with the counsellor on one-to –one basis and find ways to overcome the fear or confusion which comes on the way as a hindrance to their aspirations.

This session took one week (Day 2 to Day 9) to complete a class of 60 students. It was handled parallelly for all I year students in their classroom. At the end of the session second assignment was handed over to the students which lays the foundation for the discussion on managing the situations and self with unexpected outcomes in life.

Assignment 2 (Topic- Aspirations and Concerns)

1. Write your conclusions / takeaways from the exploration in this session. Specifically, about the following points:

- **Is your basic aspiration really happiness and prosperity? What is your perspective about happiness? And about prosperity?**
- **Reflect on your response or reaction to situations where your favorite path to what you assumed to be your goal was closed. Write down one related incident from your life.**

Topic 3: Self-Management

Self-management is the ability to manage ones behaviours, thoughts, and emotions in a conscious and productive way. Self-management means you understand your personal responsibility in different aspects of your life, and you do what you need to fulfil that responsibility. It is important for the students who are in the adolescent stage to learn to manage themselves in the right way. It is essential

to keep the young minds active and facilitate them to set the goal, make plan to achieve it, work on the plan, self-assess to make sure the plan is rightly executed and correct if any deviations and finally reach the goal.



Snippets from Assignment 2 were taken and further highlighted from that perspective how self-management is important in terms of

- Self-confidence
- Peer pressure
- Time management
- Anger
- Stress
- Personality development, self- improvement

This also highlighted the peer pressure in setting goals which is a common concern. This is further extrapolated in academic settings where many of the new students have come out of their home environment for the first time. From the discipline of the family, they have to rely on their own discipline or go with the discipline (or indiscipline) prevailing in the hostel and college. To fit into the new environment, many students adopt to its culture. In the process of managing peer pressure,

individual response of coping-adopting, arbitrariness and right understanding was explained through a session from Dr Aravinda on Day 11 and Day 12.

Program- Universal Human Values- Motivational Talk – Dr. Aravinda – Day 11 and Day 12

As a part of the Induction Program on Day 11 and Day 12, Dr Aravinda of the Electronics and Communication Engineering Department gave a talk on ‘Universal Human Values’.

The session started off with questioning ‘How do you obtain knowledge?’ and ‘What are the sources of knowledge?’, to which Dr Aravinda skilfully explained there are two sources of knowledge external and internal. External sources of knowledge include books and teachers, and internal sources of knowledge include intellect and intuition.

Dr Aravinda recited a beautiful Sanskrit Shloka:

आचार्यात् पादमादत्ते पादं शिष्यः स्वमेधया ।
सब्रह्मचारिभ्यः पादं पादं कालक्रमेण च ॥

One fourth from the teacher, one fourth from own intelligence,

One fourth from classmates, and one fourth only with time.

He also illustrated that learning attitude is an affective domain; learning skill is an experiential domain and knowledge is a cognitive domain.

He referenced the famous Arabian quote:

“He who knows not,
and knows not that he knows not,
is a fool; shun him.

He who knows not,
and knows that he knows not,
is a student; Teach him.

He who knows,
and knows not that he knows,
is asleep; Wake him.

He who knows,
and knows that he knows,
is Wise; Follow him.”

Dr Aravinda brilliantly utilized many exciting Abbreviations to explain to the students about human values and life lessons.

Some include:

SUCCESS – **S**tudy the basics; **U**nderstand the concepts; **C**reate your own methodologies; **C**ultivate the habit of learning; **E**ducate yourself and friends; **S**pecialize in a particular area; **S**ponsor people alike.

GOAL – **G**aining **O**verall **A**chievement in **L**ife

FATE – **F**aith **A**ctions **T**houghts **E**nvironment

TEAM – **T**ogether **E**veryone **A**chieves **M**ore

LUCK – **L**abour **U**nder **C**orrect **K**nowledge

TIME – **T**he **I**nfinite **M**oment of **E**nergy

SOUL – **S**ource **O**f **U**nconditional **L**ove

MIND – **M**ove **I**nward **N**ow **D**iscover

LIFE – **L**iving **I**n **F**urther **E**volution

BODY – **B**irth **O**f **D**ivine **Y**ou

Dr Aravinda further spoke about the 6 internal enemies of one self – Kama (Desire), Krodha (Anger), Lobha (Greed), Moha (Delusory emotional attachment), Mada (Pride), Matsarya (Jealousy) and how it destroys us and the people around us.

He also spoke about the importance of adequate exercise, proper breathing, correct food, optimum rest and a pure mind. Sir also described Ikigai Principle: Japanese Secret to Long and Happy Life.

Dr Aravinda concluded this information filled and life-changing talk by quoting – ‘Life does not get better by chance; it gets better by choice.’

The students gained a new understanding of life and motivation to be a good human.

IF YOU KEEP DOING WHATEVER YOU HAVE BEEN DOING, YOU WILL KEEP GETTING WHATEVER YOU HAVE BEEN GETTING.

IF YOU KEEP DOING WHATEVER OTHERS ARE DOING, YOU WILL KEEP GETTING WHATEVER OTHERS ARE GETTING.



THREE STAGES OF SUCCESS

Stage	Phase	Effort	Process
Initial	Exciting	Daring	Learning
Middle	Testing	Desperate	Practicing
Final	Perfecting	Determined	Training

- Study the basics
- Understand the concepts
- Create the methodologies
- Cultivate the habits of learning
- Educate yourself and friends
- Specialize in particular area
- Sponsor people alike

- **GOAL: Gaining Overall Achievement in Life.**
(Personal, Relational, Professional, Social, Intellectual, Spiritual)
- **FATE: Faith, Actions, Thoughts, Environment.**
- **TEAM: Together Everyone Achieves More.**
- **LUCK: Labor Under Correct Knowledge.**

TIME = The Infinite Movement of Energy

- **If you pass the time, you will get failed by the time.**
- **If you waste the time, you will get wasted by the time.**



Topic 4: Health



Loss of time due to ill health has become a major issue today. The students were encouraged to add "to be healthy" in the list of aspirations and concerns made in the previous sessions. To highlight the loss of time due to ill health and to keep themselves fit mentally and physically, sessions of Yoga and physical fitness were arranged for I year BE students, between Day 2 to Day 21.

Program: Health – Physical Fitness Day 2 to Day 21 – 9am to 10am

Since, Pranayama is the ancient practice of controlling breath. You control the timing, duration, and frequency of every breath and hold. The goal of pranayama is to connect your body and mind. It also supplies your body with oxygen while removing toxins. This is meant to provide healing physiological benefits. The benefits of pranayama have been extensively researched. According to scientific studies, pranayama may benefit our health in a variety of different ways like, decreases stress, improves sleep quality, Increases mindfulness, reduces high blood pressure, improves lung function and Enhances cognitive performance.

As a part of induction program UHV Module 1, the department of Applied Sciences organized a yoga session on “Yoga for mindfulness” for all the first-year students. On Day 4-session 1, resource

persons were Dr. Suma T, M.Sc. in Yoga therapy from SVYASA university, Bengaluru and Mr. Sandeep, Yoga teacher from Yoga university, Haridwar. The session 1 was divided into two sub – parts. First part was theoretical session handled by Dr. Suma T, in this session a detailed information about pranayama, meditation and its benefits were explained. Second part was practical session handled by Mr. Sandeep, he demonstrated the practice of pranayama namely Anuloma, villoma, pranayama, Bhastrika, Kapalabhati and Brahmari pranayama and also made students to practice. Students session was handled every day in the morning from Day 2 to Day 21.

The sessions were very much useful for the students since a few minutes of Yoga during the day can be a great way to get rid of stress that accumulates daily, in both, body and the mind. The sessions ended with the shanti mantra “Sarve Bhavattu Sukhinaha”. Students were advised to continue practicing yoga every day for few minutes, to keep themselves active throughout the day.









Program: Health – Physical Fitness Day 2 to Day 21 – 3pm to 4pm

Physical activities like aerobics, indoor and outdoor games were held on all the days between 3pm – 4pm every day during induction session. Students were asked to enroll and participate for these

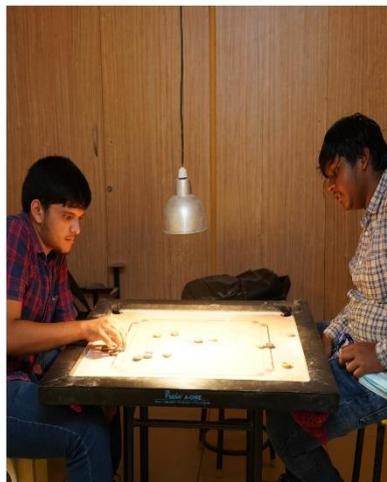
everyday activities based on their interest and attendance was monitored by the faculty in charge. Mr. Vinay, Physical Education Director of NHCE, had an interaction with I year BE students regarding the various facilities and opportunities available. He listed out the various possibilities and fields in which coaching is offered and also explained the students the sports policy followed by NHCE. Students were encouraged to participate in the sports actively and were also told to balance between academics and sports activities.

On Day 5 various sports activities and physical fitness were organized for I year BE students, as a part of their Induction Program. Students had a wonderful opportunity to explore the wonderful sports facilities available in the NHCE Campus in the presence of our honorable chairman. As they got to witness our valuable sports team who inspired them to follow passion and message of “when you lose is when you win” was conveyed. They saw the amazing abilities of our NHCE basketball team as they compete against each other in a friendly match which was an amazing match where students enjoyed every moment and then the ceremony ended with our national anthem.

(pics of indoor stadium)









Topic 5: Relationships

We are born in a family and are part of a family, where we are nurtured and developed from childhood, cared for in sickness and in old age. It is where we start learning to interact with other human beings, to share and to care. It is the place where we start becoming aware of relationships. Every relationship name has an associated feeling which becomes more and more enriched as we interact. The family is the basic unit or building block of human organisation. It extends beyond the blood relationships – to friends, classmates and teachers in school, and now batchmates and faculty in college. How do we want to live with them? With mutual fulfilment, mutual happiness or some other way? In order to fulfil a relationship, it is necessary to understand the relationship.

Program; Relationship & Zeal to Achieve –Day 19 & Day 20

The core of human being lies in the family. To be precise, relationship in every walk of life is very important and our Indian Culture basically supports a family system unlike western countries. Family is the place where learning begins. Parents are our first teacher. To live in a society, we need to first learn to live in a family. The ethos of family system and the way we can maintain the relationship in various walks of life was explained by the department of counseling. Dr. Reena Jain and her team

addressed the students in their classes on various days during the induction program and at the end of the session students were told to meet the counselors for any help required. A short movie is screened to the students “Right Here Right Now”, a short film directed by Anand Gandhi about human behavior and its propagation which may help them to reflect.



Gratitude is the feeling of acceptance for those who have made the effort for my excellence. It is the feeling for all those who have helped me, in any way, in my own effort to achieve excellence. In our life, there may be so many people who have been of help to us and we have this feeling of gratitude for them. Particularly in the family, we can see such people. We can see that the parents and others have affectionately brought us up, provided us with necessary physical facility to nurture and protect our body. The possibility of continuity of the feeling of gratitude is there for effort made at the level of the Self. To make the students able to see that a very large number of people are directly or indirectly helping them for their growth (development) and to develop a feeling of gratitude for them a home assignment was given to the students

Home Assignment:

1. Make a list of people in your family, in the college and in the larger society who are directly and indirectly responsible to fulfill your needs.
2. What is your feeling for them, what is your interaction with them, what is your contribution (in terms of understanding, feeling and physical facility) to them?

Topic 6: Society



We saw that the family is the basic unit or building block of human organization. The society is the next larger order. Society is composed of many families living together making collective effort for a common goal. We want the upcoming generations (students) to explore the goal of human being living in society, the systems required for it as well as the scope of these systems. In this regard many activities are conducted during induction sessions helping the students explore different societal aspects.

Program: "Stand Up; Stand Strong; Stand Together"- Service @ Karunashraya- Day 13

"Stand Up; Stand Strong; Stand Together"- Service @ Karunashraya. The service to the terminally ill cancer patients at Karunashraya will definitely teach the life lessons to the young minds and also ignite their social responsibility. With Karunashraya, student groups actively participated in serving the patients who are under palliative care.

In India, generally we can find the cancer hospitals overcrowded and importance is given to those patients who are in the stage where the illness can be cured through treatments. Statistical data prove that there are large number of terminally ill cancer patients who suffer due to poverty, ignorance and total lack of basic facilities and do not receive the required medical and nursing care. Palliative care at Karunashraya for critically ill cancer patients definitely tries to make a positive difference in their lives during their last days.

Palliative care is aimed at improving the quality of life of patients who are suffering from life threatening diseases. Palliative care mainly tackles the physical, psychological, spiritual problems of the patients and addresses them effectively.

Karunashraya, a hospice offers palliative care to terminally ill patients. With a range of services including pain- symptom control, therapies, psychological and social support, rehabilitation, counseling, spiritual cares, financial advice and support in bereavement.

Volunteered student groups were formed to support the services rendered at Karunashraya by the collection of groceries, clothes and other items from those who are willing to donate.



Further following home assignments were given to students which helps them ascertain the role of society in one's life and the importance of their contribution to the societal goals.

Home Assignments:

1. How do you want to live in your institution / hostel?

- With a common goal and a common program of action; and everyone in the does a part of the common program

- With everyone having their own goals and own programs Make a “code of conduct” for your hostel which will help everyone in the hostel to realise the common hostel goal.

2. Today, there is struggle, competition... terrorism and war. Make a list of these problems. Are these natural phenomena or due to lack of understanding in human being? What can be done to address to the problems about it in your hostel?

3. Explore common goals as a family, common goals as an educational institution.

Topic 7: Natural Environment



As individual human beings, we want to live with happiness and prosperity in continuity. Nature is the collection of all the units – the air, soil, water, plants, trees, animals, birds, other human beings

and even things that are at a distant from us like the sun, the moon, the other planets, etc. By activities related to this in induction program, students are able to see that human being needs to develop right understanding of the harmony in nature to maintain the harmony.

Program: "Go Green to Get Our Globe Clean" - Making of Seed Balls- Day15

Mother is special to everyone. We always want our mother to be happy and keep encouraging us. Students I year Engineering of New Horizon College of Engineering, as part of the induction program thought respect their duty to rejuvenate Mother Earth. For this student were thought of making seed balls and throw them in forest areas or pits. Trees and plants are important to keep our environment green. An awareness drive was conducted to the students to teach how important it is to plant trees to save our future and present generation. An alternative method for planting saplings was thought of and it was decided to make seed balls and throw them during monsoon season in to the required areas. This may be considered as afforestation. We used seeds of species like soap nut, terminalia, arjuna, aala, fig, gooseberries etc.

Seed balls are mud balls which are prepared with red soils mixed with compost into which seeds are kept. Various student groups were involved in making seed balls which was a wonderful group activity. Different groups were involved activities such as collection of seeds, red soil, compost, mixing the components and making of seed balls. The seed balls made were kept aside for a week. During this time moisture accumulates on them and the process of throwing the seed balls in designated areas were taken up by different group of students.

After completion of the activity students were very happy and satisfied that we put a little step forward in making our Mother Earth green.

Sample Photo of one group of students involved in making seed balls



Program: " Swachh Campus Drive: Day 16

Swachh Bharat Abhiyan is one of the pet projects of our honorable Prime Minister Shri. Narendra Modiji, launched on 2nd October which has gained a lot of momentum in recent times in India. Swachh Bharat Abhiyan translates to Clean India Mission. This drive was formulated to cover all the

cities and towns of India to make them clean. It served as a great initiative in making people aware of the importance of cleanliness.

Swachh Bharat Abhiyan set a lot of objectives to achieve so that India could become cleaner and better. It aims to build sanitary facilities for all households. One of the most common problems in rural areas is that of open defecation. Swachh Bharat Abhiyan aims to eliminate that. We are very proud that our Honorable Chairman Dr. Mohan Manghnani had donated Rs. 5 Crore to Swachh Bharat Abhiyan initiative.

We @New Horizon believe that charity begins at home. Students of I year BE are made in to groups and given the task of maintaining a clean and tidy campus. Students also took part in educating the people in the campus to maintain the cleanliness. Designated places were identified for keeping the Trash cans. The plan was charted and the work schedule was handed over to the groups. Throughout the semester we were involved in creating awareness about the cleanliness, waste disposal, reducing plastic usage. Also we took part in cleaning the campus. Each group of students took charge for 2 weeks. We were encouraged by the Teaching fraternity and friends. This shall provide motivation for students to spread their wings outside the campus and areas around their home. Our college was awarded with GREEN CAMPUS CERTIFICATE. At the end of activity students were able realized that every one of them are responsible for maintaining the cleanliness in and around us.



Topic 8: Sum Up

The students of I year BE have attended 21 days of Induction program, conducted as per the guidelines issued by VTU and AICTE. UHV-1 was well received by the students. They have taken oath to follow the Yoga and physical exercise session every day. To keep themselves happy they need to make sure others are also happy. During the 21-day program they were groomed to have self-consciousness which will soon reflect on the society.

The students were introduced to their mentors. Mentor-Mentee interaction happened in group session, followed by the individual sessions. The mentors addressed the mentees to meet them for any sort of help. Cross mentoring was also encouraged, where a student can be mentored by his/her friend for any academic clarifications if necessary. Peer group evaluation was taught to the students and slow learners were encouraged to take part in group activities where the group comprises of a mixture of fast and slow learners. The learning tendency was inculcated in slow learners and helping tendency in fast learners.

The students were asked to self-evaluate on the transformation experienced by them after undergoing the UHV-1 for 21 days. How their perception towards self, family, society and environment have taken a new turn after the program was summarized by students as assignment.

They were also asked to spread the values they have learnt to their siblings and peers. They were asked to take good care of their health by following healthy practices as taught in UHV -1.

Feedback was taken from all students regarding the Induction program. Link and analysis is attached in the report.

List of Mentors with allotted number of students

Sl.	Section	Mentor Name	Number of students
1	A	Mr. Ananda K	25
		Dr. Revathi V	10
		Dr. Gopal K	10
		Ms. Sunitha V	10
2	B	Mr. Sudhir Patel	25
		Dr. Jisha P K	20
		Mr. Nagabhushan	11
3	C	Ms. Tarunika Sharma	15
		Dr. Ramachandra Naik	25
		Dr. Hemanth	5
		Mr. Channabasava	10
4	D	Dr. Bhavya P	25
		Mr. Raghu Tilak Reddy	20
		Mr. Satish Kumar	10
5	E	Dr. P. Baskar	25
		Mr. Mohan B S	20
		Mr. Devranjan Chatterjee	10
6	F	Dr. Rohini B	25
		Ms. Vijaya A	10
		Mr. Prabhu James	20
7	G	Ms. Rashi Khubnani	25
		Ms. Vijaya A	15
		Mr. Satish Kumar	15
8	H	Dr. Dhanalakshmi K	25
		Mr. Prakash A N	10
		Dr. Guna Priya B	10
		Mr. Richard Nathaniel	9
9	I	Dr. D. D. Padma Priya	26
		Mr. Inbasakaran S	26
10	J	Ms. Asha K	25
		Dr. Prashanth K S	15

Program: Implementation of NEP@NHCE – Day 4

National Education Policy 2020 is the first education policy of the 21st century and aims to address the many growing developmental imperatives of our country. This Policy proposes the revision and revamping of all aspects of the education structure. NHCE which is autonomous institution affiliated

to VTU takes pride in introducing NEP to the fresh batch of students from the A.Y 2021-22 as per the directions and guidelines issued by VTU. Department of Applied Sciences organized a session on “Implementation of NEP@NHCE” for its I year BE students on Day 4 at New Horizon auditorium. The session was addressed by our principal Dr. Manjunatha. He addressed the students on the salient features of NEP 2020 and the initiative taken by NHCE. Students were detailed about the mandatory internships at the end of each academic year, earning of Hons. Degree, activity points and Ability Enhancement Courses. Students’ participation was overwhelming during the session.



Program: Career Avenues – Day 5

The mission at New Horizon College of Engineering is to provide able engineers and business managers who are equipped with life skills, such as providing solutions to complex problems, re-engineering processes and adding value to businesses. The I year BE students of New Horizon College of Engineering, had so many questions about the placement opportunities for their program of study. To clarify and to give a detailed information about the Human Resource Development @

NHCE, from the department of HRD, Mr. Binod addressed the students about the career Avenues. He detailed about the placement training at the institution, promotion of brand ambassadors right from I year of BE, helping the students to ace in their competitive exams and various other facilities offered by the department of HRD assuring students about their bright future which left with the satisfaction of picking the right college. The session was conducted on Day 5 at New Horizon auditorium.



Program: Familiarization with Departments - Day 6

The most significant part of the induction program was familiarization with the department. This was done class-wise by the faculty members on Day 6 of induction program. The students were taken for a campus tour and introduced to various academic and non-academic departments.

The students were detailed about the department, institution, facilities, Who's Who, rules and regulations, examinations and Timetable. They were taken through campus to show various Industry sponsored labs, library, sports facilities, indoor and outdoor gym. Students were told to refer Academic rules and regulations which is put up on the website

<https://newhorizonindia.edu/nhengineering/academic-rules-regulations/#>. Syllabus book for I year is handed over to them and the soft copy can be referred in web link <https://newhorizon-bsh.s3.ap-south-1.amazonaws.com/nhengineering/bsh/wp-content/uploads/2021/11/23111405/I-BE-syllabus-21-221.pdf>



Program: Guest Talk- JOB OR ENTREPRENEUR-Day 7

Department of applied science in association with Mechorizon Club, Mechanical department organized Alumni guest talk on Day 7 as part of the induction program. This Event was witnessed by all first-year students. Resource person for the session was Alumni of NHCE Mr. Narashima Naidu who is from Mechanical Department (1NH12ME734). The guest Lecture was all about whether to choose Job or to become an entrepreneur and the talk was a little confounding as the guest spoke about both the paths.

The Guest Lecture was started with a flute song and followed by the address of Mr. Sridhar

Kurse Head of Department who enlightened students about the Talk and encouraged them to reach great heights and attain success.

Later the session was taken over by the speaker who spoke about his journey of how he became an entrepreneur and how he managed his business at his young age and the difficulties that he faced about him becoming an entrepreneur. The start-up named StemX India (an Ed-Tech firm) was inaugurated on 2020 (by his mention a Covid Company). There they teach about STEM (i.e., S- Science, T-Technology, E-Engineering and M- Mathematics) with robotics and many other coding to young minds of age 08-16. They demonstrated a small workshop too on how these robots are designed and how it worked and this demonstration was done by one of his best asset as a student of his firm named Vishruth Ganta and the director of the firm named Mr. Suresh and Mr. Manjesh BC gave us conclusion about the lecture and it made the show to come an end and then the guest was given a small memento by Mr. Ravi Kumar.

Students who attended got good Exposure on how the Journey paths has to be decided and to make a proper decision on what next to choose in career. Students found this event very useful where their enthusiasm was observed through the quality of questions they posed to the speaker covering basic to difficult questions on technical stuffs. Even got appreciated the standard of questions.





Program: Motivational Talk – Skills for the Engineer for the next 3 decades: Day 8

On Day 8, regarding the skill set required by the budding Engineers, a motivational talk by Mr. Venkatadri Seshadri was also organized by the department of Applied Sciences for the I year BE students as a part of their Induction program. The speaker was Mr. Venkatadri Sheshadri, from Collins Aerospace. The talk was mainly focused on to what are the different skill set expected from the engineers and how the budding engineers should equip themselves with these skill sets. The session was completely discussion based and students were participative during the session. Mr.

Seshadri was explaining and clearing the doubts raised by the students. He was insisting the students to take part in social activities which is a part of Activity point which is included in their engineering degree as a mandatory requirement. The introduction of internship at the end of every academic year was well appreciated by the speaker and he explained how students gain practical knowledge by doing so.



Program: Co-Curricular & Extra-Curricular Activities - Day14

On Day 14, club orientation (GENESIS and MATH HORIZON) was conducted to the students of 2021-22 batch. The main aim of this event was to make sure that the students get the accurate information regarding the club and also make them realize the importance of clubs in the Department of Applied Sciences. They were highlighted the advantages of participating in club events. A cultural event which included instrumental performance, song, beat boxing etc were put up to the students. During this event the outgoing faculty co-coordinators of the club were thanked for their immense support and co-operation throughout the year. This event was a memorable for one for all the previous club members to cherish their memories that they have shared with each other throughout the year. All the three HODs of Applied Sciences, spoke about the club and shared the importance of the club activities to the first-year students. A good encouragement was given to the students and those who are interested to lead the club were asked to meet the club coordinators.

A Talent Show was performed by the I year BE students. Students voluntarily came forward to exhibit their talents. This also come as a part of Self-Realization and students were encouraged to overcome the stage fear by their faculty members and counselors. The session continued for the next day as the students came forward in more number to exhibit their talents in various fields like singing, dancing, beat boxing, drama, acting, debating, drawing, painting etc

GLIMPSES OF TALENT SHOW BY I YEAR BE STUDENTS





Program: Literary Activity Module: Communication Skill – Day 14

As a part of student induction program, department of CLSLL of NHCE conducted a session “Importance of communication skill” on 14th day of the induction program. The session was very interactive and quite fun and exciting. The speakers with their presentations and the interactions with the audience made it very interesting. The main takeaways from the session were that to survive in today’s world, it is not enough to just have the knowledge. The way you present and communicate is crucial. For communicating with people, certain skills are required, such as writing, reading, listening and speaking. If these skills are cultivated among us then it is pretty much a guarantee for proper and clear communication.

Communication is the real work of leadership. It is a skill which can be achieved easily if the necessary work is done by us. Dr. Sowmya Narayanan with her team made sure that the session was completely interactive.



Program: Motivational Talk: Attitude for Life - Day 18

A session on “attitude for Life” by Ms. Sandeepa Guntareddy author of the book, “The Bhagavad Gita for College Students”, which was enlightening to all dreamers and the ones who seek the required push to kick start themselves to their maximum potential. She addressed the students on 09th December 2021 in two sessions. The lecture was driven through several topics with ease and each being better than the previous. The importance of keeping the inner fire through activities, stepping out of the comfort zone to achieve the dreamt success and accepting the flaws that we have no control over reverberated through each student present in the auditorium.

She spoke about various challenges she encountered in her life and guided students how to handle situations that arise in various phases of life.



Program: Motivational Movie Show Day 18

As a part of Induction program, a motivational movie show was organized on Day 18 of the induction program sessions to the I year BE students. The movie 14 Peaks – Nothing is Impossible was shown to the students @ New Horizon auditorium.

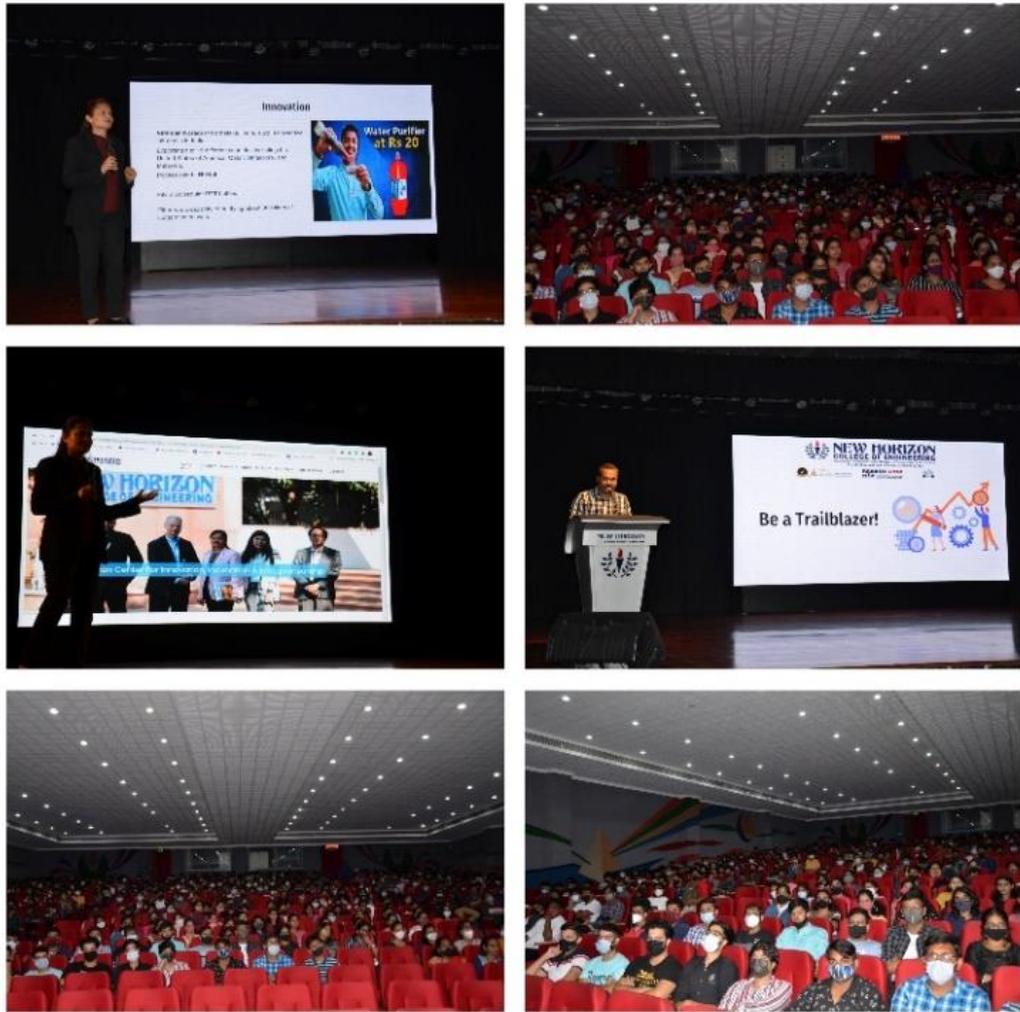
The 101-minute long documentary *14 Peaks: Nothing Is Impossible*, directed by Torquil Jones, opens with mountaineer Nirmal Purja asking us to **not be afraid to dream big** as he walks in a sea of snow.



Program: Proficiency Module: Be the Trail Blazer Day 21

India needs more employers than employees for its rapid growth and development. This can be achieved by giving a seed of thought to the young minds on to how to become an Entrepreneur.

On Day 21, Dr. Sheelan Mishra, Head – Management Studies & Entrepreneurship Development Cell of New Horizon College of Engineering conducted a session “Be the Trail Blazer” for the young to be Engineers. The session started with a welcome note by Dr. Prashanth KS. Dr Sheelan Mishra gave a presentation on entrepreneurship where she addressed the students about entrepreneurship, the key points being why people don’t want to pursue their dreams of becoming an entrepreneur and how it is a myth. Following this, ma’am gave us examples of ‘NirNal’ and ‘Bullet Tractor’ which gave us ideas about innovations. Dr Sheelan Misra also encouraged and guided the students on how to join the ED cell and about the hackathon that is going to happen on the 17th and 18th of December 2021. The students were left with a determination to become their own boss .



Program: Library Orientation - Day 20



The students of I year BE were given information about the Library & Information Centre by Dr. Anitha, Dean– Library & Alumni Relations. The students were given orientation on how to access

the Library facilities and informed about all the facilities available in the center. The online access of the e-journals and books were explained to them.

Program: Co-Curricular Event: Day 22

On the occasion of National Mathematics Day, Department of Applied Sciences - Mathematics organized an industry expert talk on “Mathematical Skills for Engineers” on 22nd day of the Induction program by Dr. M. P. Ramachandran, Retired Group Director of Flight Dynamics Group, ISRO on all the ongoing topics of Applied Mathematics for first year B.E students. The session was highly interactive and useful for students. The takeaway of the program was fully filled application oriented mathematical knowledge and was appreciated and witnessed by Dean Academics.

NEW HORIZON COLLEGE OF ENGINEERING
Math Horizon and Genesis Clubs of Department of Applied Sciences
Celebrates **NATIONAL MATHEMATICS DAY**
on **Wednesday, 22-12-2021**

Guest
Dr M. P. Ramachandran
Retired ISRO- Director of Flight Dynamics Group

Events
1. Quiz Competition for first year BE students
2. Mathematical Model Exhibition (from 9:00 AM onwards at C203)

SRINIVASA RAMANUJAN
Guest Talk Venue: Falconry Seminar Hall
Time: 1:30 PM - 4:00 PM



Program: Alumni Talk Series: Day 23

Alumni Association is organized a Alumni webinar series was organized as part of the Induction program for 1st year students on Day 23. Two sessions were carried under this series on the topics **How to become a Job ready Engineer** by Md. Aquib Jawed and **Motivational Pep talk** by Mohd Anas. First year students who attended the session reaped the benefits from this talk which was a real-life experience shared by the aluminites. This created the awareness in students about their journey, it's challenges and the right approach to be taken for being successful.

Mr. Jawed covered following topics under his talk.

- How college plays an important role to get a job
- What is your role
- What to do if I am in 3rd year or 4th year
- Cp Vs Projects

- How to build your resume
- How to prepare for the online test
- What are different website to follow

With the continuation of the Alumni talk series Mohd Anas took up the **Motivational Pep talk** which was in clear sense a big motivation and boosting for first year students. Students have exchanged their thoughts with the speaker and he has motivated saying that you can do everything and you decide what you want to do. He has given clear message to the students that be honest and be a better version of you. He ended with saying that listen to the people and keep learning and you are the power of your life.

Both the session was interactive and students have got right information at the right time.

Day: 23

Time : 12.00pm

Topic : How to become a Job ready Engineer

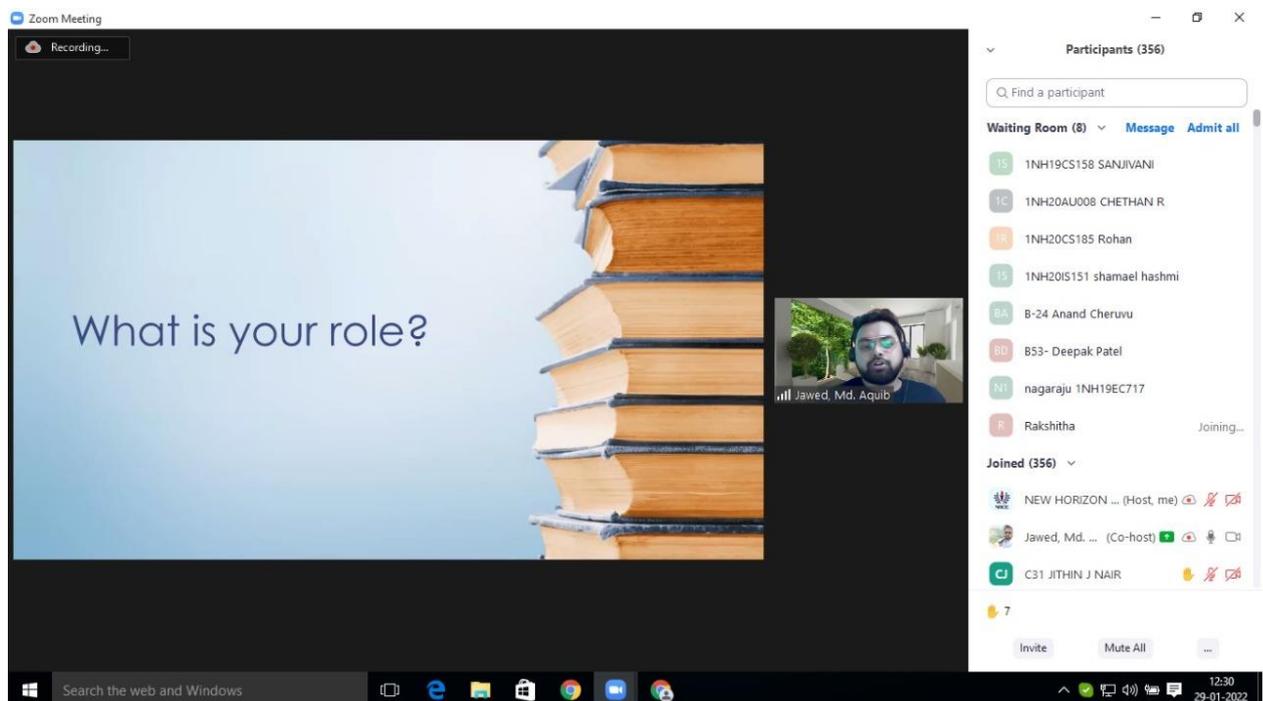
<https://youtu.be/mFD1Tj0X3to>

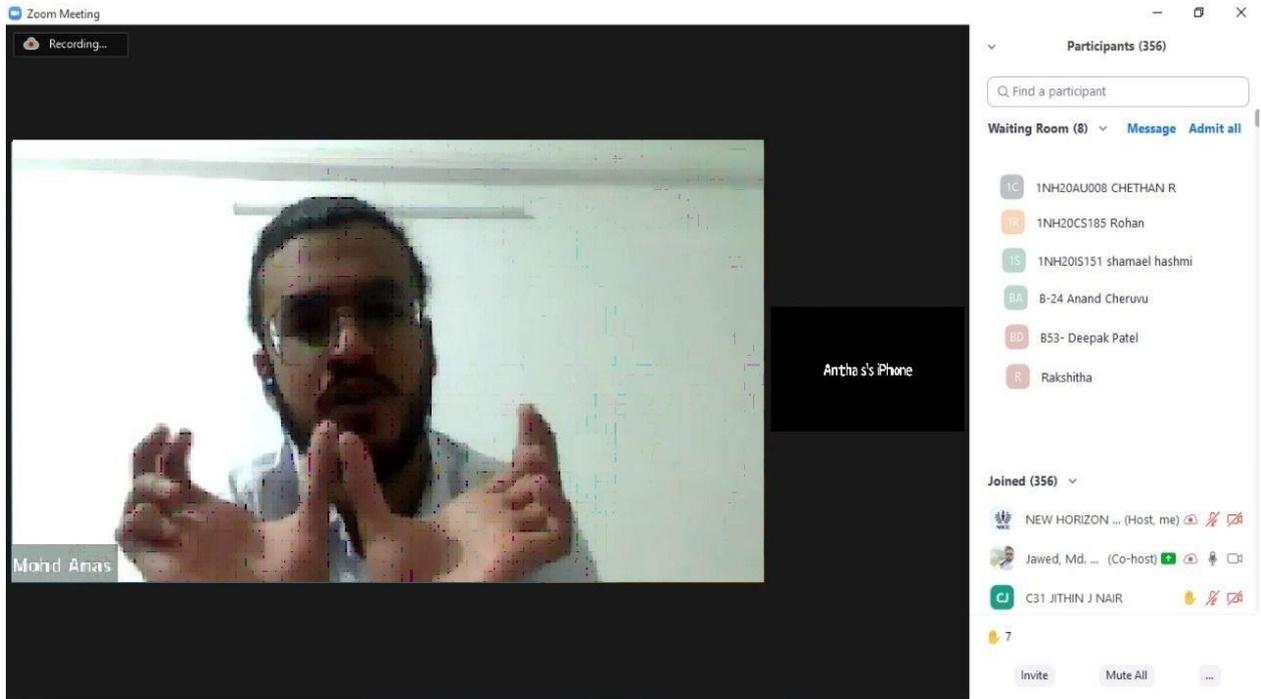
Day: 23

Time : 3.00pm

Topic : Motivational Pep Talk

<https://youtu.be/ma2TYUoVvbE>





 **NEW HORIZON**
COLLEGE OF ENGINEERING

ALUMNI ASSOCIATION

PRESENTS

ALUMNI WEBINAR SERIES



MR. MD AQUIB JAWED
SDET-1, HASHEDIN BY DELOITTE

TOPIC

**HOW TO BECOME
A JOB READY ENGINEER**
DATE : 29-1-2022 @ 12:00 PM



MR. MOHD ANAS
ASSOCIATE, PWC

TOPIC

MOTIVATIONAL PEP TALK
DATE : 29-1-2022 @ 3PM

PARTICIPANTS WILL GET E-CERTIFICATE

Sample of feedback questionnaires for the Induction program

Questioners covering

sessions from Day1 - Day23

Please choose the scale from 5 to 1 for each questionnaire --- 5 being very well accomplished to 1 being needs improvement

Orientation and Introduction session was helpful in breaking the ice of new environment for the students *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5

Students were able to appreciate the practicability of session on self management, better coping-adopting techniques and handle peer pressure *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5

Students are motivated to follow physical fitness regime to improve the quality of life *

Mark only one oval.

- 1
- 2
- 3
- 4
- 5

Students were able to see that a very large number of people are directly or indirectly helping them for their growth (development) and the Relationship and Zeal session helped them to develop a feeling of gratitude towards them *

Mark only one oval.

1

2

3

4

5

Induction program was well structured and efficiently executed *

Mark only one oval.

1

2

3

4

5

Content of the Induction program was insightful and an eye-opener towards the importance of developing Universal Human Values *

Mark only one oval.

1

2

3

4

5

Summarization of sessions and the total sum up of induction program was meaningful *

Mark only one oval.

1

2

3

4

5

Suggestions if any

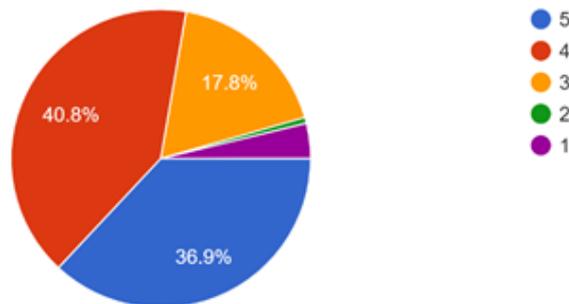
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Google Forms

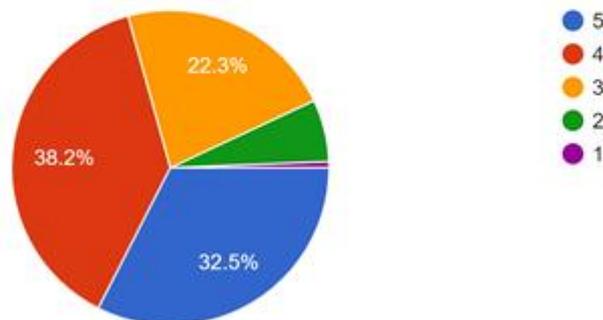
Feedback report analysis

Feedback form was circulated to students and the data received was analyzed for improvements that can be incorporated in the induction program for the next batch of students.

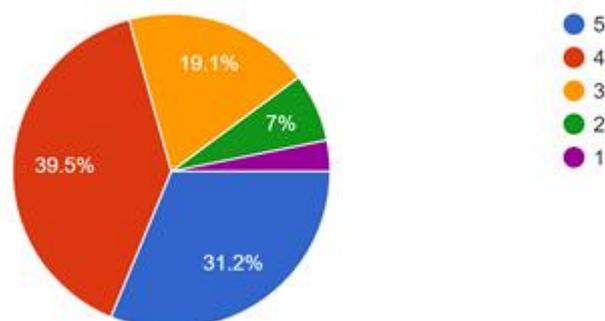
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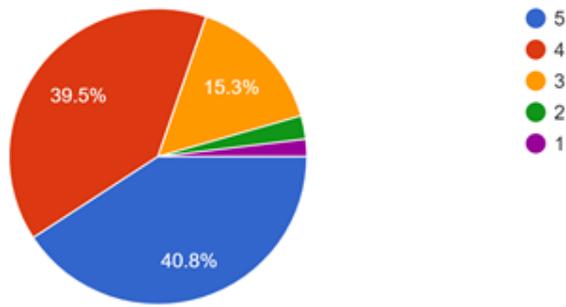
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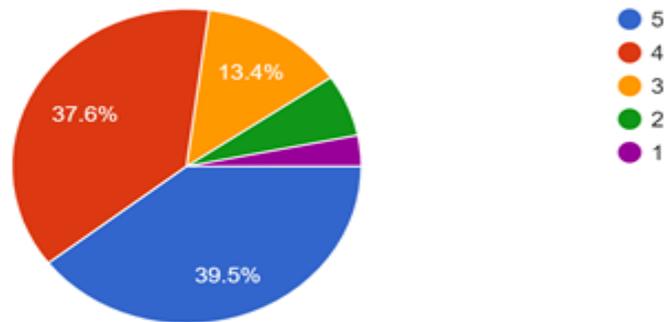
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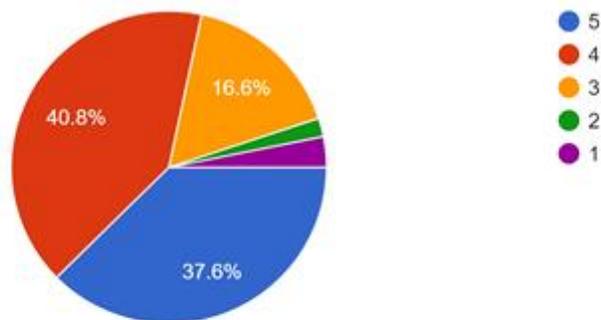
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