



# ENGINEERING SCIENCE NEWSLETTER

Volume: V

Issue: I

## Vision:

Engineering science department of NDMVPS's KBT College of Engineering determines to become a centre of learning in the field of "sciences-in-engineering" and the development of human values to develop engineers those can apply basic knowledge in engineering field to serve society.

## Mission:

- 1.To produce graduates with strong knowledge of engineering sciences who are anchored on the principles of hard work and integrity.
- 2.To cultivate scientific culture with mathematical approach.
- 3.To solve the problems in engineering and improve it.



Maratha Vidya Prasarak Samaj's  
**Karmaveer Adv. Baburao Ganpatrao Thakare**  
**College of Engineering, Nashik**

NAAC "A" Grade Accredited Institute

Permanently Affiliated to Savitribai Phule Pune University

Approved by AICTE, New Delhi. <http://www.kbtcoe.org>

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# First Year Engineering (2021-22)

## *Induction Program*

Date: 08/12/2021

### Parent – Teacher Meet



- The first day of induction program began with the Parent-Teachers meet. The meet took place in presence of Dr. S. R. Devane (Principal, MVPS's KBTCOE), Prof. N. B. Desale (Vice-principal, KBTCOE), Ms. J. J. Nerkar (HOD, Engineering science) event coordinators Dr. K. T. Patil & Mr. P. V. Joshi and all FE staff.
- Vice-Principal Prof. N. B. Desale sir introduced students & parents about the culture of the MVP Sanstha and institute along with the various activities conducted in the college. Later on Ms. J. J. Nerkar madam presented the details of college facilities, various courses, sports activities and curriculum details. In the presentation of TPO Mr. Vinit Deore, he explained the placement related activities along with additional skill development course conducted for student's all round development. Parents representatives also addressed the audience and stated their deep appreciation about the college. At the end Dr. S. R. Devane sir congratulated to parents and students for choosing our institute and briefed all discussion made by parents and students.



# First Year Engineering (2021-22)

## *Induction Program*

Date: 09/12/2021

### Session I



- Mr. Santosh Munde during the session firstly he introduced about cyber security and related governing cyber laws with respect to some common social sites like Facebook and Instagram and their privacies.
- While delivering talk he also explained the overview of cyber laws which deals with need of cyber law, IT act 2000, Intellectual property, Electronic & Digital Signature and last Data protection and privacy. Later on he gave the advantages of the cyber security like it protects system against viruses worms spyware and other unwanted programs, protection against data from theft, protects the computer from being hacked, minimizes computer freezing and crashes and gives privacy to users.

# First Year Engineering (2021-22)

## *Induction Program*

Date: 09/12/2021

### Session II



- Shri. Kumar Gaur Dasji from ISKON gave the guidance on personality development. In the talk he give the mantra on three important things that are Thinking, Feeling and Willing. He insisted to have good approach in these three things by giving meticulous real life examples and metaphors.
- Also he gave the direction to students for upcoming college life on how one can improve the personality by just not outer appearance but within oneself. He made students aware about how the android devices are driving our lives and how to use these devices in optimum way.



# First Year Engineering (2021-22)

## *Induction Program*

Date: 09/12/2021

### Session III Sports Activity



- Different sports activities are conducted on the last session of second day for students induction program 2021-22.
- Under this Indoor games like table tennis, Chess and Carrom have played by FE students along with outdoor sports like Badminton, Volleyball etc.

# First Year Engineering (2021-22)

## *Induction Program*

Date: 10/12/2021

### Session I



- Dr. Shaliendra Gaiwad who is the Director of “Gaikwad Hypnosis Centre”. Also he is an alumni of Maratha Vidya Prasarak Samaj, Nashik. He shared he has special bond with Sanstha. He is one of the renowned personality working for Students, Parents, Employees, Businessmen & Sport Players. Through the science of hypnosis he is doing Personality Development, Motivation, Superstition Eradication & Social Work. A sincere attitude of youth towards work is very important. Sincerity develops with more awareness of your own feelings, being awake rather than in a waking sleep speaking and living unconsciously automatically.
- He explained difference between Sub-Conscious & Conscious mind. The conscious mind communicates to the outside world and the inner self through speech, pictures, writing, physical movement, and thought. The subconscious mind, on the other hand, is in charge of our recent memories, and is in continuous contact with the resources.



# First Year Engineering (2021-22)

## *Induction Program*

Date: 10/12/2021

## Session II



- Mr. Rohit kedar has done his masters in computer engineering from VJTI Mumbai. They are working as climate change campaigner jhatkaa.org and also working as Business development Executive in Artha Energy resources. Mr. Roshan Kedar is a mechanical engineer and both are working together for same campaign.
- The air quality index (AQI) is an index for reporting air quality on a daily basis. It is a measure of how air pollution affects one's health within a short time period. The purpose of the AQI is to help people know how the local air quality impacts their health. We have taken initiative and going to install the setup in ours college campus. Similarly speaker suggested to use NMC e-connect app to help control the pollution and throw the waste through proper channel as an responsible citizen.

# First Year Engineering (2021-22)

## *Induction Program*

Date: 10/12/2021

### Session III



- Speaker is working as Associate professor in the Department of Master of Business Administration(MBA) in MVPS's KBT COE, Nashik. He has experience of around 12 years and also handling the responsibility of NBA coordinator. The session gave the information regarding Outcome-based education (OBE) which is preferred rather than the traditional pedagogical teaching. This is to ensure each of the university programmes is able to generate a holistic, successful student in the academic field.
- Bloom's taxonomy was designed as a way of gauging competence by placing a students knowledge on one of 6 levels which are often represented visually in the form of a pyramid. Each step of the pyramid from bottom to top represents a move from a lower order thinking skill to a higher order one; from straightforward concrete cognition to a more abstract, conceptual understanding.
- Lastly he explained the opportunity for students to take what they have learned, develop and make something new from it.



# First Year Engineering (2021-22)

## *Induction Program*

### Field Visit to Ramshej

Date: 11/12/2021



- **Ramshej Fort** is a small fort located 10 kilometres (6.2 mi) north-west of Nashik, in the Indian state of Maharashtra. It is believed that Lord Rama stayed in the fort for a short time when he travelled to Sri Lanka. The fort can be visited during the day, and is located on the busy Nashik-Vapi route.
- The Fort is located on a high tableland with escarpments on all sides. There are good steps on the eastern side of the fort which lead to the entrance gate. A temple of Lord Ram is at the entrance of the fort. There is a water cistern near the temple holding potable water.
- On the eastern side of the fort is the main gate to the fort which is chiseled from the parent rock. There are many rock-cut water cisterns on the fort. The hidden entrance gate on the eastern side of the fort leads the path to Bhorgad fort which is about 3.21 km. (two miles) north-west of Ramsej

# First Year Engineering (2021-22)

## *Induction Program*

Date: 13/12/2021

### Session I



- Speaker: Dr. Shailendra S. Gaikwad (Internationally Renowned Certified Hypnotherapist, Psychologist, Counsellor, Naturopathist, Motivational Speaker & Trainer.)
- Topic: Let's make a habit of success- Interaction with attendees
- Dr. Shailendra Gaikwad is a dedicated Hypnotherapist working in the field of Hypnotherapy, Motivation & Stress Management. Dr. Shailendra S. Gaikwad is a certified Hypnotherapist for the last 22 years, he is working for students, parents, Employees, Businessmen & sports players. Dr. Shailendra Gaikwad took interaction session with attendees. Many questioned asked by students such as 1.competative exam fear 2. Fillings of guilt 3. Not able to remember study 4. Feel board about study.
- He also gave three rules to the students first one you must very clear about your intension second you must have complete trust on your brain and third you must be clear thinker. He also give some instruction about how to write paper what should be your intensions while facing exam. He also talk about subliminal perception and he prove that how subliminal massage or perception works in our life.



# First Year Engineering (2021-22)

## *Induction Program*

Date: 13/12/2021

### Session II



- Speaker: Er. Dattatrya Aher (DEE, AMIE)
- Topic: Atmanibhrta
- Er. Dattatray Aher is retired Principal of Government ITI College for 22 years, he has total 38 years of experience. He worked as electrical engineer at Koyana Hydrel Project & CTPS Chandrapur. He is a motivational speaker also. In today's session he speaks on topic Atmanibhartta.
- He motivate students how to become a self-dependant and don't depend on any one. He also speaks about culture and research as need is mother of invention. Those who are self-dependant are the winner. He also speaks about, know yourself you have a great strength.

# First Year Engineering (2021-22)

## *Induction Program*

Date: 13/12/2021

### Session III



- Speaker: Mr. Sandeep Kharkhanis
- Topic: Employability of Engineers
- Mr. Sandeep Khaarkhanis an engineer graduate with Masters in Management, with more than 30 years' experience in the world leader multinational company in the area of Technical, Health, Safety, Environment and management systems. An Expert mentor & certified peoples management. CII member, skill development trainer, founder member of CSI Nashik chapter as a chairman. Associated with colleges to develop faculty member. Now Executive director of AMT skills Enhancement institute LLP, Nashik
- He took session on employability of engineers. In his session he explain what is employment what skills you need to get job. He talk about five trends that shaping the future of work that is 1. Technologies 2. Mobility 3. Globalisation 4. Key behaviour 5. The Millennial work force. He also guide students about employability skills that are application of numeracy, communication, Self-management, Team work, Problem Solving.



# First Year Engineering (2021-22)

## *Induction Program*

Date: 14/12/2021

### Session I



- Mr. Pushkaraj Salunkhe is founder of Revamp Moto which develops highly Reliable, Modular, and Connected Electric Vehicles based on its Modular Utility Platforms and alumni of KBTCOE.
- Mission of company is to empower India's hustlers while accelerating the transition to a zero-emission society. Mr. Pushkaraj has demonstrated the electric vehicle “**Mitra**” which is designed with many features like temperature control box, folding table, Crate holder , Exploding box.
- Mr. Pushkaraj has also explained about other product like RM-25(electric bike), SaaS platform for vehicle.

# First Year Engineering (2021-22)

## *Induction Program*

Date: 14/12/2021

### Session II



- Prabhuji guided student about how to manage time based on Bhagwat Gita.
- Key points of the session are:
- Life is segment of Birth and Death. So, Acquire knowledge by setting goals in the life.
- Time plays three roles ie Creation, Maintenance, Destruction.
- Creation, Maintenance, Destruction happens over time So, as a student you have to give time for your overall development.
- Time gives new opportunities every day and explained importance of time management and spiritual development with Bhagwat Gita Shloka.



# First Year Engineering (2021-22)

## *Induction Program*

Date: 15/12/2021



- Mr. Mahesh K. Joshi sir completed MMS from Mumbai University - Passed out in 1996 & completed B.A. from Mumbai University - Passed out in 1993 Specialized in Literature.
- Created their own flagship diagnosis surveys, signature training programs and reinforcement tools in the areas of account management, high-value sales, collaboration and customer focus.
- Worked closely using the above with B2B sales firms and helped them in converting learning into behavioral outcomes leading to additional revenue. Also implemented customized reviewing and monitoring systems to ensure continuity of change.
- In today's session on Digital Career transformation and career management 4.0, it was observed that his English vocabulary and love for reading books is amazing. He shared lots of experience about career, Management of time, thinking ability, benefits of reading books; he said we should do those things or learn those things due to future need. Further he shares how to speak fluent in English.

# First Year Engineering (2021-22)

## *Induction Program*

Date: 16/12/2021

### Session I



- Mr. Nilay Kulkarni started developing software at the age of 14. In collaboration with the MIT Media Lab, he used his skills as a self-taught programmer to build a simple tech solution to prevent human stampedes during the Kumbh Mela, one of the world's largest crowd gatherings, in India. Nilay has been awarded as one the top 25 internet innovators in the world under the age of 25 by the Internet Society. He has delivered talks at numerous global events like MIT Emerging Worlds, Boston; Unleash 2017, Madrid, Spain; Moroccan Entrepreneurship Summit 2016, Casablanca, Morocco; Descon 2017, Serbia; and most recently TEDNYC, New York.
- During the session he shared his journey and his experiences during innovations. He said innovation or invention is not an impact, for innovation qualification doesn't matter, to innovate we need to talk with people, we have to experience their lives. He also shared 3 traits of an efficient innovator as actively hunted for ways to contribute, labels do not matter and honey my craft with examples.



# First Year Engineering (2021-22)

## *Induction Program*

Date: 16/12/2021

### Session II



- Mrs. Madhuri Dholi is a Mukhtangan Family Counselor Member guided our students about addiction and de-addiction. She said now it is a world of smart phones. Everyone has a smart phone but some peoples are getting addicted to it. She discussed about how peoples are getting addicted to social media. Social media addiction is a behavioral addiction that is defined by being overly concerned about social media, driven by an uncontrollable urge to log on to or use social media, and devoting so much time and effort to social media that it impairs other important life areas.
- Peoples are spending too much time on Facebook, Instagram etc. and thinking on people's comments, likes and dislikes and also getting frosted on it. She also guided on how to take preventions from getting addicted to it like Reducing screen time is a great way to combat problematic social media use; however, if the addiction is too severe you may require professional help.

# First Year Engineering (2021-22)

## *Induction Program*

### **Cultural Activity**

Date: 17/12/2021



- Natya Vinyas represented a Drama under the title of **“PARK”**. This drama is written by Mr. Manav Kaul & Directed by Mr. Tushar Kulkarni. The Drama was played in Hindi Language.
- Park is about three unknown persons struggling for to accommodate specific bench in a park. This drama explored all kind of emotions through the conversation between them. Lyrics & drama is so appreciable as audience have enjoyed the drama for complete 75 Mins.
- **Following are the star cast & supporting member in the park.**

Activity	Name of Artist
Starcast	Nitin Pawra, Saurabh Aher, Shreya Joshi, Om Shewale, Aakash Bairagi
Poem	Vinod Kumar Shukla
Lighting Arrangement	Lalit Shrivastav, Nitin Pawra
Sound Arrangement	Mohit Tanpure, Om Deshmukh
Backstage	Shail Agnihotri, Mukta Kavale



# First Year Engineering (2021-22)

## Induction Program



FE Induction Program_Cultural Activity _24/12/2021			
Sr.No.	Name of students	Performance	Title
1	Pavithra Nair(Ganesh Vandan)	Dance(Solo)	He Ganraya...
2	Minakshi Kasav	Dance(Solo)	Mohe rangdo lal...
3	Hardi shreekhande, Rohit Bhavsar, Piyush Pati l& Vaishnavi	Singing	Mash up...
4	Kirti Khode	Powada	Pratap Gadchya Paythyashi Khan...
5	Bhumi Ahire	Dance(Solo)	Mix Song...
6	Pavithra Nair & Minakshi Kasav	Dance(Duet)	Ghar more Pardesiya....
7	Prasad Ingole	Dance(Solo)	
8	Om Patil	Singing	Tujh main rab dikhta hai....
9	Shridhar Patil	Singing	Wafa na ras aai...

# Session on “Self Defense” for Female students

by

Ms. Hema Shankar Mande

Date: 03/01/2022



- First Year Engineering Students Association (AARAMBH) has organized the session on "Self Defense" for first year engineering female students. For delivering the session on self defense, Ms. Hema Shankar Mande madam was visited to our college. Madam has completed their education in MA, Mped and also she is NET qualified. She is currently working as Physical director at KECs Arts, commerce and science college, Kalwan.
- The program was arranged under Nirbhay Kanya Abhiyan which is initiated by college. In the session Mande madam has taught various self defense strategies, in different situation how we can save ourselves by applying these strategies. Also in this session madam has given live demo for the various situations that may arise to you and how we can counteract towards it. She has also taught some simple steps of Karate and Judo for self defense.
- The session was conducted at B building seminar hall by following all COVID-19 norms. Around 100 female students are benefited with this session.



# Session on “Startup Journey-Vesatogo Innovations Pvt. Ltd.”

By,

Mr. Akshay Dixit

Date: 29/01/2022



- First Year Engineering Students Association (AARAMBH) has organized the session on "Startup Journey-Vesatogo Innovations Pvt. Ltd." for first year engineering students. For delivering the session, Ms. Akshay Dixit was invited through Microsoft teams' online platform. Mr. Akshay has completed his education in Bachelor of Computer engineering from our institute. He is currently working as co-founder for Vesatogo Innovations Pvt. Ltd. at Nashik.
- Mr. Akshay Dixit started the session by introducing brief about his firm “Vesatogo Innovations Pvt. Ltd.” Later on he described the various issues and problems which are faced by the farmers now days. The farmer’s problems are mainly related with managing all goods, their maintenance, demand supply management and trading. His company is providing solutions for all the issues related to farm and farmers, mainly the Vesatogo is giving a platform for agribusinesses and their associated farmers, helping them in identifying and removing inefficiencies in their operations and also saving cost for the farmers.
- The session was conducted at Microsoft teams' online meeting platform. Around 250 first year students are benefited with this session.

# Session on “Introduction to AI & ML for Budding Engineers”

By

**Mr. Sagar Patil**

Date: 12/02/2022



- First Year Engineering Students Association (AARAMBH) has organized the session on "Introduction to AI & ML for Budding Engineers” for first year engineering students. For delivering the session, Mr. Sagar Patil was invited to our college. He has completed his education in Bachelor of Science with specialization as Physics from MVPS’s KTHM College. He is currently working as Founder for Ray Robotics at Nashik.
- Mr. Sagar Patil started the session by introducing brief about his journey and some projects he made on Automation and Robotics. Later on he described the basics of Artificial Intelligent and Machine Learning i.e. how it works. While explaining about AI and ML he has given live demo of how AI ML works by using system software, some students volunteer called upon stage and he demonstrated how AI read the faces of human being that is stored in terms of data and can be utilized to recognize that person later on.
- During windup Mr. Swapnil Khairnar (colleague of Mr. Sagar and students of our institute) has shown some software to program particular application that can be utilized to perform certain task based on AI and ML.



# Parent-Teacher meet

Date: 05/03/2022



- F.E. Parent- teachers meet was arranged on 05/03/2022
- At the beginning Dr. S. M. Bhati (H.O.D. of Engineering science) addressed parents about ongoing academic activities. Sir has mentioned various extra-curricular activities which have been taking place for first year students. Details of Exam pattern and syllabus coverage was also explained in this address. Later on Prof. P. V. Joshi (Coordinator of AARAMBH) presented details of activities conducted in the Induction program and some experts sessions along with ongoing activity that is KBT Science Week 2022.
- In the later part of the meeting Vice-Principal Prof. N. B. Desale addressed the audience. In the address he appreciated students and parents about their efforts for education during ongoing situation. Also sir has assured to the parents that we will work on whatever parents have suggested in this meeting.
- Some parent representative asked their questions regarding academic and non-academics. Around 150 were present for the parent-teacher meet.

# Session on “Beginning with Microsoft Azure and Microsoft Lobe”

By

Ms. Rutuja Gunjal

Date: 05/03/2022



- First Year Engineering Students Association (AARAMBH) has organized the session on "Beginning with Microsoft Azure and Microsoft Lobe" for first year engineering students. For delivering the session, Ms. Rutuja Gunjal was invited. She is the student of first year (Information Technology) in our college. She is the student ambassador for Microsoft learn and azure.
- Ms. Rutuja Gunjal started the session by introducing brief about Microsoft azure and lobe and how she approached to become a student ambassador. Later on she described the basics of cloud computing that is how it works and what the benefits of cloud storages are. In the later part she also focused on Artificial Intelligence and Machine learning by giving some demonstration. Students from all branches of FE are benefited with the session.
- The session was conducted at C Building seminar hall. Around 250 first year students are benefited with this session.



# KBT Science Week 2022

Date: 07/03/2022

- On the occasion of Science day, KBT Science Week 2022 was celebrated from 28th February to 5<sup>th</sup> March 2022 at our institute. Various competitions like Quiz Competition, Poster Making, Short Video Making on Indian Scientist and KBT Circle Round Design was organized on during this week.
- Students from various branches of engineering of our college have participated in the above competitions and attractive prizes are given to the best performing students. The competition was organized jointly by the First Year Students Association (AARAMBH) and the Civil Engineering Students Association (CESA).
- Mr. Prasad Joshi and Mr. Deepak Nathe are the teacher coordinators of this competitions and the head of engineering science department Dr. Satishkumar Bhati has encouraged students to participate.
- This KBT Science week 2022 was organized under the guidance of Education officer of the institute Dr. Sudarshan Kokate, Principal Dr. Satish Devane and Vice Principal Prof. Nitin Desale. The winners were felicitated during Parents meet on 5<sup>th</sup> March 2022.

# KBT Science Week 2022

Date: 07/03/2022

- The list of student who have participated and the winners.

KBT Science Week 2022			
Sr. No.	Name of Competition	Total no. of participants	Winners
1	KBT Circle Design	20	1 <sup>st</sup> - Sae Palekar 2 <sup>nd</sup> – Neha Bagule 3 <sup>rd</sup> – Jitesh Hadge
2	Poster Competition	31	1 <sup>st</sup> – Sanjali Sangale 2 <sup>nd</sup> – Gayatri Khairnar 3 <sup>rd</sup> – Vaishnavi Tajane
3	Video Making Competition	21	1 <sup>st</sup> – Umesh Patil 2 <sup>nd</sup> – Soham Kulkarni 3 <sup>rd</sup> – Shreyas Yelmame
4	Quiz Competition	52	Niddhi Deore, Sarwadnya Kawade, Monali Khairnar

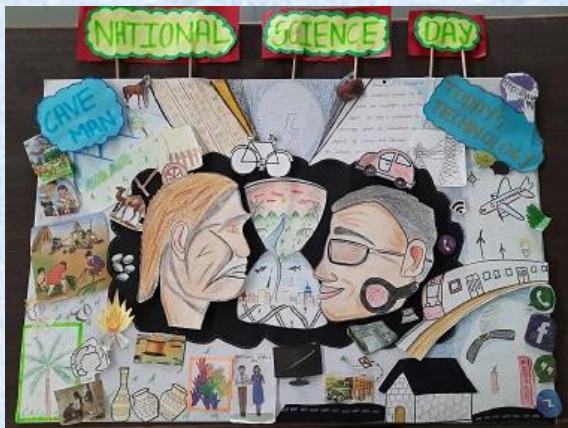


# KBT Science Week 2022

Date: 07/03/2022



1<sup>st</sup> Ranker of KBT Circle Design - Miss. Sae Palekar



1<sup>st</sup> Ranker of Poster Competition - Miss. Sanjali Sangale



1<sup>st</sup> Ranker of Video making Competition – Mr. Umesh Patil

# KBT Science Week 2022

Date: 07/03/2022



Winners of Quiz Competition – Miss. Niddhi Deore, Miss. Sarwadnya Kawade and Miss. Monali Khairnar



# KBT Science Week 2022

## Sky Watching Session

Date: 03/03/2022



- During KBT Science Week 2022 the Sky Watching session was also organized, which was held on 3<sup>rd</sup> March at 6.00 pm to 8.00 pm (A building terrace). For conducting this session Mr. Vinay Joshi and Mr. Aashish Chavhan from Khagol Mandal, Nashik was invited to our institute.
- Mr. Vinay Joshi guided to all students about the details of astronomical objects that can be seen in the sky, also he explained the use of optical instrument like Telescope to observe different objects in the sky. Students have actively participated and watched the night sky through the use of sky watching telescope. Around 70 students were present during this sky watching session.

# Workshop on “Digital Literacy for Senior Citizen”

By

KBTCOE Nature and Social Activity Club/AARAMBH

In association with

Bank of Maharashtra Retired Employees

Organization, Nashik

Date: 12/03/2022



- KBTCOE Nature and Social activity club and FE students association (AARAMBH) in association with Bank of Maharashtra retired employees organization, Nashik unit has organized a 3 days' workshop on “Digital Literacy Awareness program for senior citizen” For this workshop around 45 senior citizens have registered.
- The students of first year engineering are volunteered for this program for better understanding of digital technology for senior citizen. The training was conducted for around 5 hours and which is held at our college campus from 5 to 6 pm on alternate days.
- Mr. Shankar Futane who is the Ex. Employee of Bank of Maharashtra took this initiative on behalf of senior citizen and from institute KBTCOE Nature and Social activity club which headed by Mr. Prasad Joshi is leading the activity.
- Education Officer Dr. S. J. Kokate, Principal Dr. S. R. Devane, Vice Principal Prof. N. B. Desale and HOD of Engineering Science Dr. S. M. Bhati guided and motivated the students for better conduction of this activity..