



ENGINEERING SCIENCE NEWSLETTER

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Issue: **I**

Vision:

Engineering science department of MVPS'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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FE Students Induction Program (Phase 1)

From 07/08/2023 to 19/08/2023

Day 1 – Parents meet

Date 07/08/2023

The first day of induction program began with the Parent-Teachers meet. The meet took place in presence of Dr. D. D. Lokhande (Education Officer, MVP Samaj, Nashik), Dr. S. R. Devane (Principal, MVPS's KBTCOE), Dr. V. M. Birari (Vice-principal, KBTCOE), Dr. S. J. Kokate (HOD, Engineering science) all First Year Engineering staff.

First year head Dr. S. J. Kokate introduced about the MVP Sanstha, In his presentation he shared the details of college facilities, various courses, sports activities and curriculum details. Later on, in the presentation of TPO Mr. Mahesh Adke, he explained the placement related activities along with additional skill development course conducted for student's all round development. Principal Dr. S. R. Devane introduced students & parents about the culture of the Sanstha and institute along with the various activities conducted in the college. Dr. D. D. Lokhande congratulated all and guided to all parents and students for adopting new technology based education. At the end Dr. V. M. Birari congratulated to parents and students for choosing our institute and briefed all discussion made by parents and students.



Day 2 – 8/8/2023

Session I

Session: “Handing the Inner World & The world of Robots”

Speaker: Shri Sukumar Gaur Prabhuji (B.E Mechanical, MBA Finance ISKON, Nashik)

Shri Sukumar Gaur Prabhuji ISKON, Nashikis guided our students about Handing the Inner World & The world of Robots. He guided about Norms, law of learning and definition on Education. He also elaborate about 16th chapter of Geeta, Devine, Qualities of human ,i.e. good and bad qualities and how to handle it. He talks about different Yog i.e Aarcharyog, Vichar Yog vyavhar Yog, ViharYog. He has given different examples to show everybody has a dark side and how to deal with that dark side. He also guided the students about stress management, benefits of Meditation and dealing with attraction, anger, craving, lack of judgement. He suggested students to read Geeta for handling emotions.



Session II

Session: “Why, What & How of Entrepreneurship”

Speaker: Mr. Nikhil Rajput & Mr. Nilesh Palkar (Director of Gravity Drone Tech & Form Dynamics, Alumni Mechanical Department)

Mr. Nikhil Rajput & Mr. Nilesh Palkar interact with the students about their Experience of entrepreneurship Journey the guided students about why, what and how of entrepreneurship

Why Entrepreneurship: Independence, Wealth, Personal Fulfillment,

What Entrepreneurship Involves: Identifying Opportunities Risk-taking, Innovation. Resource Management, Business Planning, Execution

How to engage Entrepreneurship How to Engage in Entrepreneurship Idea Generation, Market Research, Business Plan, Funding, Product/Service Development, Marketing and Sales, Execution, Continuous Learning. Entrepreneurship is a dynamic journey that requires dedication, resilience, and a willingness to learn from both successes and failures. It's about bringing ideas to life and contributing to the economic and social fabric of society.



Day 3 - 9/8/2023

Session I

Session: “Career Guidance”

Speaker: Mr. Ketan Agnihotri (Technology Consultant at Microdsoft)

Mr. Ketan Agnihotri is a currently working as Technology consultant at Microsoft since long ago. He also served as a mentor to many scholars, served as a speaker in many talks and always been a motivator in the society. In his talk he presented the several aspects for the students all around development like self discovery, mapping your interests, setting clear goals, learning beyond classroom, connecting for success, adapting to technological shifts, crafting your digital identity, soft skill development, navigating challenges, unveiling new opportunities, pursuing further studies etc. Students got the insights about carrier development in all aspects, also interacted with the speaker for their queries.



Session II

Session: “Industry Connect”

Speaker: Mr. Mahesh Adke (TPO, MVPS’s KBTCOE, Nashik)

Mr. Mahesh Adke is a Training and Placement officer of our college since long time. He has served many sessions on placement activities also he has conducted lots of training programs for the engineering students for our college. In his session he explained what skill set required for the recruiters in the industry and how we conduct different training and placement activities of our college for students to their all around development.

The Training & Placement Cell takes up the role of facilitator between potential employers and students. It ensures that the students get information on companies and sectors of their interest. Various renowned organizations like, Infosys, TCS, Wipro, L&T, Persistent only to name a few, have successfully recruited our students over the years. We would like to assure Industry, Students and Parents that we will not leave any stone unturned to make all our stakeholders Happy and Proud.



Session III

Session : “Start-up Journey: Revamp Moto”

Speaker : Mr. Pushkaraj Salunkhe (Founder – Revamp Moto, Nashik, Alumni MVPS’s KBTCOE)

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.

He also guided our student about how to become entrepreneur; what are the different challenges he faced during his journey and the future scope for the electrical vehicle.



Session IV

Session : “Rhythm Devine”

Speaker : Mr. Swapath Yatri (Founder – Rhythm Moves World)

Mr. Swapath Yatri is a Freelancer who conducts Musical workshops and fun programs all around the world. In FE Induction program we called him for having some enjoyment in between the all sessions. He demonstrated different musical instruments along with some rhyme word and he let the students to try all these instruments by singing with audience. Students enjoyed a lot in this musical session.



Day: 4 – 10/8/2023

Session I & II

Name of Session: “Mission Be Positive-Success Mindset”

Speaker: Dr. Shailendra S. Gaikwad, Hypnotherapist & Counselor, Founder, Elite Social Forum

He is a Certified Hypnotherapist. For the last 22 years, he is working for Students, Parents, Employees, Businessmen and Sports Players. Through the science of hypnosis, he is doing Personality Development, Motivation, and Superstition Eradication & Social Work.

Sir, guided students about the conscious and unconscious mind. He also demonstrated the functions of conscious and unconscious mind through the activities. Sir has revealed thought experiments among the audience. All participants experienced impact of thought process on their brain. Sir explained the law of reversal effect through the real time example.

Sir have cleared the doubts of the students about the stage fear, how to be a good listener, how to deal with toxic environment. Sir have given the moral value **“Do not react, respond”** to the students.

All the students have enjoyed the session through live demo and by getting the solutions to their day to day problems.



Session III

Name of Session: “Cyber Security and Engineering Careers”

Speaker: Mr. Santosh Mundhe, cyber security expert, Alumni, Computer Engineering

He has explained about what is cyber crime. He explained the modus operandi of cyber crimes depending on different tools and techniques of cyber crime. He also demonstrated about how to create a secure password. He has made aware to the students about social engineering frauds and how to deal with them. He guided the students how to be secure in the era internet but if unfortunately if any cyber crime happens then how to make a complaint to police about social media of financial frauds.



Session IV Sports Activity

Various Sports activities like Cricket, Table tennis, Carom, Chess, Badminton etc. were organized during Induction program. Students enjoyed a lot during sports by participating any of these. Around all students have participated in one of those sport activity.



Day 5 – 11/8/2023

Session I

Session: “Mind Matters”

Speaker: Shri Chirag Patil International Faculty of Art of Living

Shri ChiragPatil is an International Faculty of Art of Living. He has Motivated Thousands of Youth by conducting The Art of Living YES!+ course. The Session started with very innovative process of art of living known as "I BELONG TO YOU" it made all the participants to interact with each other for a couple of minutes and really helped all the participants to be comfortable for rest of the session. The actual session started with the some activities, thoughts and knowledge shared by Mr. ChiragPatil with the quote "I WILL BE HAPPY" on every situation.

He has explained about how to changed confused mind towards focused mind. Also he has explained that quality of life is depends on set of mind, how to stop worrying and start living life. He said that painting is an art, cooking is an art same life is an art, so love your live and remove negativities inside you. Students were participated activities like meditation and breathing. Overall it was a wonderful session on “Mind Matters”



Session II

**Act Play: Mr. Om Shewale Final year student of Information Technology Dept.
KBTCOE, Nashik**

Final year student from IT department named as Mr. Om Shewale (Best performer of Cultural Annual gathering Fusion 2023) played an excellent act on “शिवजन्म” He is very energetic and talented student . Students said that was a great experinece to sawsuch amazing act.



Session III

Speaker: Mr. Akshay Dixit (Alumni, Computer Engineering Department) Co-Founder Vesatogo Innovations and Mr Amit Kalappa(Alumni, Computer Engineering Department) member Vesatogo Innovations

Mr. Akshay Dixit is the co-founder of Vesatogo innovation, an agri-tech startup based in nashik working re-imagining the rural agrarian landscape by building various software solutions for the community. He has 5.5 + years of working experience in the social innovation space. He used his skills as a self-taught programmer to build a simple tech solution

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.



Group Activity Poster Competition

Day 5 of FE student Induction end with the interactive activity like Poster Competition. All students are actively participated for this activity.



Day 6 – 12/8/2023

Session I & II

Session: “Emotion Management”

Speaker: Mr. Sachin Jadhav, Founder of Ramanujan Academy

On the 6th day of induction program Mr. Sachin Jadhav, Director of Ramanujan Academy and Executive Chairman PCCDA, guided our students on emotion management. The session was interactive and engaging, with Mr. Jadhav conducting activities to help our students apply the techniques they learned.

Students are thrilled having this valuable learning experiences and help them develop skills that will serve them well in their academic and personal lives.



Session III

Session: Short Film – Right Here Right Now

In this short film they started with the mother whose son doesn't listen to her and get angry, same his mother goes and gets angry on her bai and the same continues with bia's daughter, then rikshawala, a child who came in front of riksha and many more. Results one person with angry mind goes and shouts on the other and the chain continues. On the other the brother of that boy with whom the chain starts get appreciated by someone and he goes makes happy her friend, friend makes happy to his father, then father to driver, driver to stronger child and so on. but the last person who was happy to get married to his fiancé gets in the car but on his way he sees a man hit by the car, he takes him to the hospital. but on the other hand, the man fiancé who was waiting for him thinks he left and gets angry and so on..

Moral: What goes around comes around.



Session IV

Session: “Cyber Awareness”

Speaker: Cyber Doot(Cyber Ambassador of our college, Inspector from Nashik Cyber Cell)

Cyber Ambassador of our college and Inspector from Nashik Cyber Cell guide first year engineering students about cyber crimes and their prevention during induction program With an ever increasing usage of smartphones across the globe, involving mass participation of people on cyberspace, has welcomed several threats affecting the lives of individuals. Cybercrimes are considered to be the biggest threat and the means to mitigate them is quite a challenging task. We know that "Prevention is better than cure"; hence a proper cyber education and preventive measures could be the best possible way to prevent it.



Day 8 – 14/8/2023
Visit to Ramshej

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

Track to fort goes from right side behind the village by keeping fort at the left side it takes around 1 hour to climb the fort from this route.



Day 11 – 17/8/2023

Session I

Session: “Managing the Change”

Speaker: Aniruddha Telang (Freelance Consultant & Motivational Speaker)

Aniruddha Telang Sir has delivered the two hours motivational session on ***Managing the Change***. He has discussed a lot of thing during session that will helpful to become a successful person in the life.

He is effective communicator with leadership, analytical and people management skills. Competent in developing training & development initiatives for improved productivity, building capability and quality enhancement. Having trained many aspirants on personal effectiveness and made them successful in realising their dreams. (Getting dream Job)

He has 24+ years of experience in various functions such as Operations, Administration, Information technology, Customer Relationship Management and Team Management. Served Tata Motors Finance Ltd., Area Operations Manager. Supervision of ongoing operations activities in the area and training the staff on internal processes, selling skills and soft skills being the main part of role. Adept in handling the administrative tasks including adherence to policies and norms, statutory compliance, negotiations, vendor Management, cost controls systems, etc

Sir has guided student that this is your new journey of life how you can accept the new changes what kind of skills you have to acquire. He discussed that something will remain same and something will change.



Session II

Session: “Outcome Based Education & it’s importance”

Speaker: Dr. Sachin Pachorkar (Freelance Consultant & Motivational Speaker)

Second session given by Dr. Sachin Pachorkar Associate professor MBA, MVPS,s KBTCOE, Nashik sir has 15+ Years of Experience in Management Education, 5+ Years of Experience as a Research Guide in the Area of Organization Management and Marketing, Certified Independent Director , Conceptualize Kumbhathon Platform which Integrates Technology with Religious Festivals and Author of Book -Ruk Jana Nahi (Biography of Blind Entrepreneur)

Sir has expressed his views regarding Outcome based Education and its importance in very simple language. He has discussed COs are actually course outcome it is describe measurable skills, abilities, knowledge or values that student should be able to demonstrate as a result of a completing a course. And program outcome refer to what a student should know or be able to do at the end of the program. They are often seen as the knowledge and skills students will have obtained by the time they have received their intended degree.

Sir told to student give minimum time to social media and acquires more skills that are required for to become a successful person.



Session III
Session: “Nashik Plogger”
Speaker: Mr. Tejas Talware (Nashik Ploggers)

Nashik Ploggers is a non-profit organization based in Nashik. This group has been founded by Tejas Talware. Their organization is known as "LCD" because of their Loyalty, Consistency and Dedication. Plog drives are conducted every weekend in the city area or sometimes outside the city. After the drive, it is ensured that the waste gets picked up by the municipality. Currently, they have 300+ number of volunteers. Along with plogging they actively participate in other activities such as tree plantation, food and cloth donations, wall paintings, blood donations drives, etc. As of now, they have 25+ number of collaborators with whom we Collab occasionally.

Firstly they have explained what is that organisation and what they do, actually they conduct regular clean up drives across Nashik city, consistently collecting 60-80 kg of waste per drive .While they also organize plogging events, there central focus is on fostering awareness about cleanliness and sustainable living. Through their targeted campaigns and initiatives, their aim to educate individuals about the transformative impact of minor lifestyle adjustments in achieving sustainability.

Tejas Talware and his team sharing lot of thing related to pollution like great pacific garbage patch(GPGP) etc, They have explained their initiatives in details like BUTTS-BIN, ECO-BRICK, CUT-IT-RIGHT, BUY-IT BIG, TREE PLANTATION.



Day 12 – 18/8/2023

Session I

Information about Exam form filling by Prof. B. N. Shinde sir who is the CEO of our college.



Session II

Academic activities expalkined by Dr. U. V.Patil sir who is the Academic dean of our college



Session III

Scholarship form filling details explained by Mr. Rayate sir



Session V

ERP software details explained by Mr. Mahesh CHaoudharisir



Cultural Activity & valedictory

Cultural events as well as valedictory function is organized during last day of FE Induction program 2023. Various activities like drama, singing and dancing are performed by newly admitted students along with last year students. Around 30 students have participated in this cultural event.



Department of Engineering Science
Session on “Climate Change Awareness and
Corrective Action” by
Prof. Chetan Singh Solanki
(Professor, IIT Bombay, Founder of Energy Swaraj
Foundation)



As we celebrate the birth anniversary of the renowned academician and philosopher, Dr. Sarvapalli Radhakrishnan, we are reminded of his belief that "teachers should be the best minds in the country." Dr. Solanki's ground breaking work in the field of solar energy education perfectly embodies the spirit of Dr. Radhakrishnan's vision.

This Teacher's Day is special as we had the privilege to celebrate it with the one and only Dr. Chetan Singh Solanki, a teacher, researcher, renowned academician, and Professor at IIT Bombay. But he's more than just a professor; he's the "Solar Man of India." For the past 11 years, he has embarked on an inspiring journey, taking unpaid leave from IIT Bombay, to traverse the length and breadth of our incredible nation in his bus. His mission: to create awareness about Climate Change and the incredible potential of Solar Energy.

Dr. Solanki's dedication to this cause is nothing short of remarkable. During the session he guided students of first year engineering about the causes of climate change, who is responsible for it, how to minimize the emission on CO₂ so that earth temperature can be reduced.

Hon. Sarchitnis Adv Nitinji Thakare Saheb, Education Officer Dr D. D. Lokhande sir, Vice Principal Dr V. M. Birari sir, Head of the departments of all engineering programs and Head of the department of first year engineering, Dr. S. J. Kokate sir was present for the event.

Department of Engineering Science

Parent – Teacher Meet Sem I

(28/10/2023)



F.E. Parent - Teachers meet is organized on 28/10/2023. For this meet Dr. S. J. Kokate (HOD Engineering science), All Class coordinators, Mentors and all FE faculty members were present to guide and facilitate all parents.

Parents meet is organized for all first year branches separately at C building FE classrooms during 10 am to 12 noon. Respective branch class coordinator along with mentors has guided all parents about their wards attendance, Insem marks and other queries raised by parents.

Later on Dr. S. J. Kokate (HOD of Engineering science) addressed parents about ongoing academic activities, college level achievements and syllabus coverage in their explanation by visiting all classrooms where parents meet is conducted. Many parents also asked their questions regarding academic and non-academics. Around 300 parents were present for the parent-teacher meet.

The FE Parents meets took place under the guidance of Dr. S. R. Devane (Principal, MVPS KBTCE), Dr. V. M. Birari (Vice principal) and it is managed by First year engineering students association (AARAMBH) team members.

Department of Engineering Science
Session on “Time Management and Positive Thought Process” by
Dr. Sachin Pachorakar (Associate Professor, MVPS’s KBTCOE)
Ms. Rupa Shinde (Counselor, MVPS’s KBTCOE)



First year engineering students association (AARAMBH) has organized an Interactive session on Time management and Positive thought process for the students who have secured less than 12 marks in university INSEM examination, for delivering the session Dr. Sachin Pachorkar who is the associate professor in MBA department of our institute and Ms. Rupa Shinde who is the counselor in our institute have been invited.

In the first session Dr. Sachin Pachorkar sir has shared their journey of engineering, how he has lots of backlog subjects in the first year, how he planned to pass all subject with good score and all about the stress he managed during that period. Later on he guided students about the process by how the students can study hard to pass all subject with good score.

In the later session Ms. Rupa Shinde madam has guided students about time management and positive thought process, she also advised to students about the unwanted distraction to be stayed away during first year engineering examinations like smartphone, gaming etc. Students are motivated by the talk delivered by both speakers. Around 150 students have attended the session.