



APPLIED SCIENCES & HUMANITIES NEWS LETTER

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Vision:

Applied Sciences & Humanities 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.T o 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 (An Autonomous Institute)

Permanently Affiliated to Savitribai Phule Pune University Vide Letter No. : CA/1542 & Approved by AICTE New Delhi - Vide Letter No. : 740-89-32 (E) ET/96 / AISHE Code - C-41622



Department of Applied Sciences & Humanities

Workshop on “School Connect NEP-2020” by

Dr. Babu Sonu Jagdale

Date:15/06/2024

(Principal, LVH Arts Commerce and Science college,
Panchvati, Nashik)



गांवकरी

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विद्यार्थ्यांना आता आवडीचे विषय शिकण्याची मुभा

अॅड. ठाकरे : केबीटी महाविद्यालयात 'स्कूल कनेक्ट एनईपी' संपर्क अभियान

नाशिक : प्रतिनिधी

उच्च शिक्षणातील सकल नोंदणीच्या प्रमाणात वाढ करण्यासाठी महाविद्यालयीन विद्यार्थ्यांना आता त्यांच्या आवडीचे विषय शिकण्याची मुभा मिळणार आहे. तसेच हे शिक्षण घेताना विद्यार्थ्यांना लवचिकतेच्या आधारेवर बहुविधाशास्त्रीय शिक्षणही उपलब्ध होणार आहे, असे मत 'मविप्र'चे सरचिटणीस अॅड. नितीन ठाकरे यांनी व्यक्त केले.

याप्रसंगी च्यासपीठावर शिक्षणाधिकारी डॉ. ज्ञानेश्वर लोखंडे, प्राचार्य डॉ. सतीश देवणे, उपप्राचार्य डॉ. विजय बिरारी उपस्थित होते. मविप्र समाज संचालित कर्मवीर अॅड. बाबूराव मणपतराव ठाकरे अभियोजिका महाविद्यालय व सावित्रीबाई फुले



पुणे विद्यापीठ यांच्या संयुक्त विद्यमाने राष्ट्रीय शैक्षणिक धोरण २०२० संदर्भात जनजागृतीसाठी बारावी उत्तीर्ण विद्यार्थी व त्यांचे पालक यांच्याकरिता आयोजित 'स्कूल कनेक्ट एनईपी २०२०' संपर्क अभियान एकदिवसीय कार्यशाळेत ते बोलत होते. महाविद्यालयात हा उपक्रम पार पडला. यावेळी अॅड. नितीन ठाकरे यांनी उपस्थित पालक आणि विद्यार्थ्यांना नवीन

शैक्षणिक धोरणाबद्दल मार्गदर्शन केले. येणाऱ्या काळात होणारे शैक्षणिक बदल आणि त्यांतून होणारा विद्यार्थ्यांचा सर्वांगीण विकास त्यांनी पटवून दिला. तसेच १२ उत्तीर्ण विद्यार्थी आणि पालकांचे अभिनंदन करीत पुढील वाटचालीस शुभेच्छा दिल्या. कार्यशाळेसाठी कर्मवीर व्यंकटराव शिरे महाविद्यालयाचे प्राचार्य डॉ. बी. एस. जगदाळे यांचे

...या विषयांवर झाले मार्गदर्शन

विद्यार्थ्यांना राष्ट्रीय शैक्षणिक धोरण-२०२० मधील विविध व्हर्टिकल, आगमन- निर्गमन पर्याय, प्रशिक्षुता (ट्रेनिंगशिप), शिक्षुता (अॅप्रेंटिसशिप), अभ्यासक्रम आणि अभ्यासेतर कार्यक्रम, मुख्य आणि उपविषय, कौशल्यविकास घडविणारे अभ्यासक्रम, क्षमताविकास अभ्यासक्रम, मूल्याधिकृत शिक्षण, फ्रीडा, कला, सांस्कृतिक कार्यक्रम, श्रेयांक पद्धती एबीसी आणि क्रेडिट हस्तांतरण याविषयी सखोल मार्गदर्शन करण्यात आले.

मार्गदर्शन लाभले. यावेळी प्राचार्य जगदाळे यांनी मूल्यमापनातील श्रेयांक पद्धती आणि त्यामुळे आलेली लवचिकता, दर व मुक्त शिक्षणातील संपी याविषयी माहिती, तसेच शिक्षणाच्या मुख्य प्रवाहात सहभागी करून घेण्यासाठी अस्तोल्या विविध योजना विद्यार्थ्यांना समजावून सांगण्यात आल्या. कार्यक्रमाच्या यशस्वी आयोजनासाठी

महाविद्यालयाचे प्राचार्य डॉ. सतीश देवणे, उपप्राचार्य डॉ. विजय बिरारी यांनी मार्गदर्शन केले. प्राध्यापिका गायत्री बहारे यांनी सूत्रसंचालन केले. यावेळी २०० पेक्षा अधिक विद्यार्थी व पालक या कार्यशाळेत सहभागी झाले होते. सहभागी विद्यार्थ्यांना केबीटी महाविद्यालयातर्फे प्रमाणपत्र प्रदान करण्यात आले.

Department of Applied Sciences & Humanities in association with SPPU has organized a seminar on “NEP connect 2020” for 12th passed students. For delivering the session Dr. B. S. Jagdale have been invited. For this program Hon. Adv. Nitin Thakare (Sarchitnis MVP Samaj Nashik), Principal Dr.S.R.Davane, Vice-Principal Dr.V.M.Birari, FE HOD Dr. S. J. Kokate and all FE teaching and non teaching staff was present. Dr. B. S. Jagdale has introduced the Vision of School Connect (NEP Connect) and also then discussed the Chronology of Implementation, Salient features, various objectives, benefits, Academic Bank of Credits, Multiple Entry Multiple Exit, Indian Knowledge System of NEP 2020. Dr. B.S. Jagdale highlighted salient features of NEP 2020, which will bring about revolutionary changes in the conventional Education system. The scheme has to be implemented effectively by organizing various student centric activities & their holistic development. Dr. B.S. Jagdale appealed that the students should be made aware of the positive and beneficial effects of implementation of NEP 2020. The workshop is designed to equip students with a deep understanding of NEP 2020, its foundational pillars, and its practical implications for both school and higher education. By achieving these outcomes, students will be better prepared to navigate the evolving educational landscape and contribute positively to society.

F.Y.B.Tech Induction Program (Phase 1)

Day 1-Parents meet

Date 03/09/2024

The first day of induction program began with the Parent-Teachers meet. The meet took place in presence of Hon. Adv.Nitin Thakare sir (SARCHITNIS MVPS's), 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 explained the placement related activities along with additional skill development course conducted for student's all round development. Ms. R.V. Shinde introduce about the counselling process why it is necessary in academic and for personal improvement. 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. Adv. Nitin Thakare sir congratulated all and guided to all parents and students for adopting new technology based education.

Student Induction Program Inauguration and Parent Teachers meet for F.Y.B.Tech students at Maratha Vidya Prasarak Samaj's Karmaveer Adv Baburao Ganpatroa Thakare College of Engineering, Nashik. More than 600 parents and Students have attended the event. The Program was headed by Hon. Sarchitnis Adv Nitin Baburao Thakare. Sir guided the newly admitted students on New Education policy and benefits of Autonomous Institute while maintaining the culture and discipline of the Institute. Director of MVP's KBTCE Dr. Satish Devane sir also addressed the parents regarding preparing students for employability as well as entrepreneurship. The Student induction program was co-ordinated by Dr. S.J.Kokate , Head of First Year B.Tech Mrs. Ankita Maplure had done the anchoring for the event.



Day 2 – 04/09/2024

Session I& II

Session: “Success Mindset”

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

- **Dr. Shailendra Gaikwad** is a parenting counselor, Stress Management Counselor and also providing Personality Development courses. At the start of session Sir had talked with students about their aim, objectives & purpose. As the students starts to respond he had told them a short story of childhood and inspired them about how his mother thrown a single statement and how he motivated and performed well in education as well in sports activity. Then after he briefed about how our conscious mind help us to achieve our goal.



Session II

Session: “Communication Skill”

Speaker: Mr. Jayesh Kshemkalyani (Director of Gravity Drone Tech & Form Dynamics, Alumni Mechanical Department)

Mr. Jayesh Kshemkalyani guided our students to understand the importance of communication skills in school life and beyond. He explained about the communication skill that it required to express themselves clearly in various situations, such as group work and class discussions



Day 3 - 5/9/2024

Session I

Session: “Start up Ecosysytem: Beyomd Shark Tank (Start up, Incubation , Valuation, Funding)”

Speaker: Mr. Navin Kale . Mr. Ajinkya Dhariya Mr. Nikhil Deore

Day 3 - 5/9/2024

Session I : “Start up Ecosysytem: Beyomd Shark Tank (Start up, Incubation , Valuation, Funding)”

Speaker: Mr. Navin Kale . Mr. Ajinkya Dhariya Mr. Nikhil Deore



On 5th of September 2024, from 11am to 12:30pm The SWAYAM team conducted interview of Mr. Nikhil Deore and Mr. Ajinkya Dhariya, The SWAYAM initiative was launched by the then Ministry of Human Resource Development (MHRD) (now Ministry of Education), Government of India under Digital India to give a coordinated stage and free entry to web courses, covering all advanced education, high school, and skill sector courses. It was launched on 9 July 2017 by Pranab Mukherjee, Honorable President of India. SWAYAM has been developed cooperatively by the Ministry of Education and All India Council for Technical Education (AICTE), with the help of Microsoft. The current SWAYAM platform can facilitate 2,000 courses. The platform offers free access to everyone and hosts courses from class 9 to post-graduation.

Session II

Session: “Gender Sensitization”

Speaker: Ms. Ruta Pandit (Corporate Trainer- Facilitator & Author)



Ms. Ruta Pandit guided the students on the topic **“Gender Sensitization”**

Ms. Ruta Pandit ma'am explains the importance of how the Gender sensitization involves raising awareness about gender issues and promoting equality between genders. It aims to challenge stereotypes, reduce discrimination, and foster respect for all individuals, regardless of gender. This can be achieved through education, workshops, and open discussions that highlight the importance of understanding and valuing diverse perspectives.

Day 4 - 06/9/2024

Session I

Session: “Opportunities for Engineers in the Space Industry”

Speaker: Dr. Omprakash Kulkarni



Dr. Omprakash Kulkarni has discussed about the space industry offers a diverse range of opportunities for engineers across various disciplines. As technology advances and space exploration expands, engineers play crucial roles in multiple areas. Here are some key opportunities:

Aerospace Engineering
Systems Engineering
Software Engineering
Mechanical Engineering

Electrical Engineering
Robotics and Automation
Propulsion Engineering
Research and Development (R&D)
Satellite Operations and Ground Control
Space Policy and Regulation
Education and Outreach
Entrepreneurship and Startups

Session II



Dr. Shobha rupanar madam guided us about Yoga and meditation. It have been practiced for thousands of years, originating in ancient India as spiritual disciplines aimed at uniting the mind, body, and spirit. Over time, these practices have gained immense popularity worldwide for their physical, mental, and emotional health benefits. While they are distinct practices, yoga and meditation are often combined to enhance overall well-being.

Dr. Shobha rupanar madam has conducted **Activity** related to **Five Important Things in Life.**

Dr. Shobha rupanar madam has discussed about the **Eight Limbs of Yoga**

1. **Yama**
2. **Niyama**
3. **Asana**
4. **Pranayama**
5. **Pratyahana**
6. **Dharana**
7. **Dhyana**
8. **Samadhi:-**

Dr. Shobha rupanar madam has discussed about the **Types of Yoga with its benefits**

1. **Karma Yoga**
2. **Bhakti Yoga**
3. **Gyana Yoga**
4. **Kriya Yoga**

Day 7 - 09/9/2024

Session I: “Emotions and studies”

Speaker: Shri Sukumar Gaur Prabhu ji



Shri Sukumar Gaur Prabhu ji said that Emotions combine feelings, involving your behavior and responses to any situation happening around you. These are ways of dealing with situations that are important to a person. Besides he also added that having a mentor in life can take you places, provided you should have a good mentor. Another key aspect that he guided students was emotional stability during the four years of college. some key factors related to the “Emotions and studies” topic by Shri Prabhu Ji are as follows:

1. Emotional stability is of Great importance for success, which heals your inner child.
2. Be your best version and do not copy others.
3. Need is the basic criterion for emotions.
4. Emotions should be shared with only those who are not judgmental.

Day 7 - 09/9/2024

Session II : “Emotions and studies”

Speaker: Ms. Sonali Telang



Sonali Mam addressed the students by asking them to start writing personal views, to which she quoted a beautiful sentence: “The more you write personal the more you show global” She suggested that students should write more and more. Ms Telang Mam spoke about a few renowned authors like Shobha Dae and a few others, mentioning their writing skills. Mam mentioned the techniques to be followed during writing, which was the crux part of the session.

1. The moment you start writing something, you will find yourself as a new person.
2. Time, Topic, language, and study are the most important factors while writing.
3. whatever you say or write take responsibility for it.
4. Good reading is the seed of good thoughts.

She ended the session with a piece of advice that the old generation should always pass something new and good to the next generation, which will ultimately sow the seed of writing culture into the new generation., leading them to read, think, and write, and pass it on to the next generation.

Session III

Session: “Happy Thoughts”

Speaker: Dr.V.M. Birari



Our respected and Admired vice principal Dr V.M. Birari sir was the speaker for the third session of the Day. He spoke about meditation and its benefits. He mentioned in his session that you should understand your emotions. living in the present is the best gift you can give yourself. One should always focus on health. He continued the speech by focusing on the following things.

1. our thoughts are the barrier to progress.
2. Focus on meditation
3. Always let go the things.
4. Response is always more important than reaction.

He ended the session with a very markable thought that we should always find out the purpose of our living and stick to it. And work accordingly to achieve that purpose.

Day 8 - 10/9/2024

Session I: “Communication Skills Leading to Employability”



Sir told that Communication Skills plays very important role when it comes to employment. The aspects of communication skills are as follow

L-Listening

S – Speaking

R – Reading

W – Writing

Suggested to watch BBC news channel.

One of the student asked the question: How to take a communication test of any student? Sir answered Provide situation based studies.

Make pair of 2 students and tell them to communicate with each other. Ask basic questions of daily routines.
1 rule: Communication must be feedback based.

Eg: If we talk to any person that person must give any reply If not got a reply it considered as miss communication

Session 2: “What I want in Life”

Speaker: Dr. Bharat Kelkar



In this session, sir started the session, with question answer round, asking student what they actually want in life. As per the answer of the students, sir discuss the points. This includes Health, Wealth, Financial stability, Happiness in life. Sir said that Life is a journey shaped by our aspirations and desires. For me, there are four core elements that define what I want: health, wealth, happiness, and a sustainable income.

Health

Wealth

Happiness

Financial Stability

In conclusion, what I want in life revolves around a holistic approach to health, wealth, happiness, and income. By focusing on these areas, I believe I can create a balanced and fulfilling life that not only meets my needs but also allows me to contribute positively to the world around me.

Day: 9 – 11/09/2024

Session I: “Stress Management”

Speaker: Dr. Sushma Dugad



Madam says that Stress is a common experience that can have negative impact on physical and mental health. It directly effect on your performance and effective stress management is crucial to maintain overall well-being. According to that madam suggested best techniques to reduces stress like

Deep breathing: Reduces stress hormones and promotes relaxation.

1. Exercise: Releases endorphins, improving mood and reducing stress.
2. Progressive muscle relaxation by yoga
3. Mediation healthy living
4. Visualization
5. Music

Day: 9 – 11/09/2024

Session II

Session: “Public speaking”

Speaker: Ms. Nafisa Rangwala

In the realm of public speaking, Nafisa Madam emphasizes that incorporating effective gestures, maintaining a confident stance, and refining delivery are crucial for creating an impactful presentation. According to her approach, these elements are essential for enhancing communication skills and ensuring that a speech is both engaging and memorable.



Day 10

Date: 12/09/2024

Session: "AI Powered buidthon by Kumbhethon"

Speaker: Mr.Girish Pagare



A guest lecture on "AI-Powered Buidthon by kumbhethon" was organized for first year engineering student, featuring esteemed lecturer Girish Pagare. The session focused on the transformative potential of artificial intelligence in kumbhmela, including health, food, housing, transport, and civic services.

Sir tells about the application powered by AI and used for Kumbh Mela. He also discusses the app features that will handle and control all the things that happen in Kumbh Mela. Sir talks about some startups that are growing with innovative ideas, like Ajjiche Pustkache Hote, and explains how Kumbh Mela is organized and planned using the AI-powered application.

Session II

Session: “Tips For Happy Living”

Speaker: Swami Advaitanadji



The guest lecture by Swami Advaitanandji focused on providing practical and philosophical insights into living a happy and fulfilling life. The lecture highlighted key qualities and principles necessary for personal growth, success, and maintaining harmonious relationships.

Key Tips for a Good Life

Swami Advaitanandji emphasized the importance of four essential qualities that are crucial for a happy and prosperous life:

- **Devotion**
- **Dedication**
- **Determination**
- **Discipline**

Session

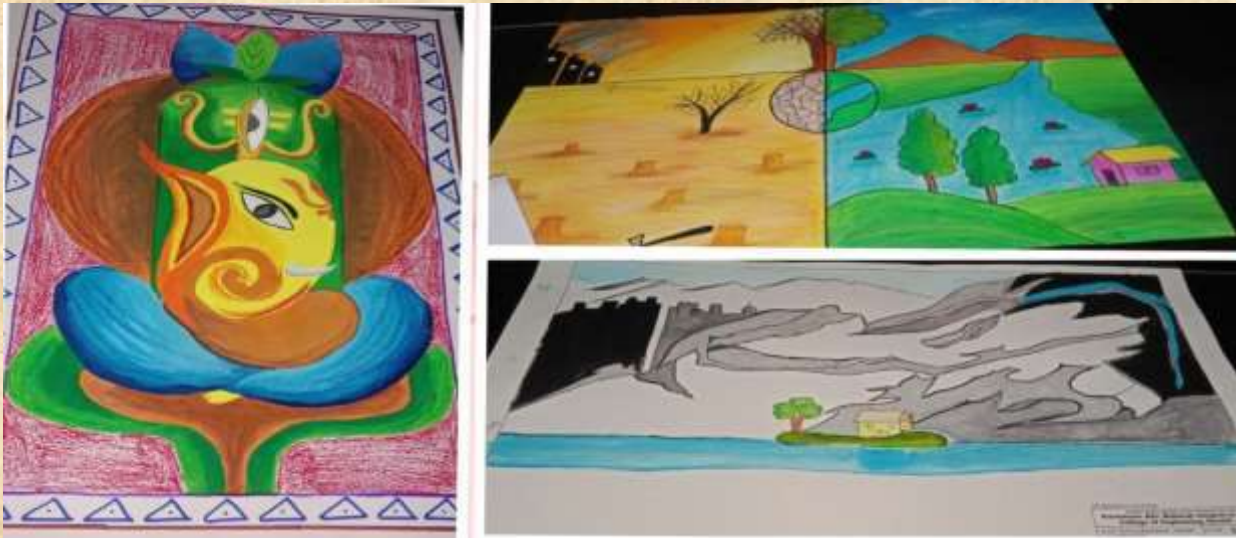
Creative Arts Activity

A vibrant art competition was held on 10 and 11 September 2024 at KBT College of engineering, Nashik as a part of a students induction programme to showcase the creative talents of students. The competition featured various categories, including **rangoli**, **painting**, **sketching**, **"best out of waste"**, and **photography**.



Painting, Sketching Competition

Students who are participating in the painting competition are showcased their artistic abilities through vibrant and imaginative paintings on various themes.



Best Out Of Waste competition

The "Best Out of Waste" competition was organized with the aim of promoting creativity, environmental awareness, and sustainable practices among students. The competition encouraged participants to repurpose waste materials into innovative and functional products. The competition saw enthusiastic participation from students.



Photography Competition

Students captured the beauty and essence of our college campus through their lenses, showcasing their photography skills.



Cultural Activity

On 13th September 2024, the F.Y B.Tech students organized a vibrant cultural activity that showcased their diverse talents across various art forms. The event was a lively celebration of creativity, with students impressing the audience through their acting skills in skits and dramatic performances.



Academic Orientation 19/09/2024



19th September 2024, Academic Orientation was conducted for F.Y.BTech students. It included understanding the timetable and location of the classroom and laboratory. The Course faculty gave the information of the respective subject syllabus and evaluation scheme.