



Krantiveer Vasant Rao Narayanrao Naik Shikshan Prasarak Sanstha's
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Institute of Engineering Education & Research
Canada Corner, Sharanpur Road, Nashik-422002.
(Degree & Diploma Engineering)



NEWS LETTER 2023 - 2024

Edition : 2023-2024 (5)

Theme - Changing Life with AI



VASANT BAHAR 2K24 CULTURAL EVENTS

The Cultural Event Program was held on the 10th Feb 2024 at the college. It influences their views, their values, their humor, their hopes, their loyalties, and their worries and fears. Cultural events serve as a bridge that brings together students, teachers, and families from diverse backgrounds. When students actively participate in cultural events, they have the chance to collaborate and learn from one another. These events break down social barriers, fostering a sense of unity and belonging among students. Students develop empathy and respect for each other's cultures, laying the foundation for a harmonious and inclusive community.



❖ SPORTS DAY ❖

Physical Education Department organized Vasant Bahar Annual sports event 2023-24 more than 300 students Participated in various sports events like Cricket, football, kabaddi, volleyball, box cricket, badminton, chess, carrom. The objective of this event is to provide opportunity to every student to participate in games and sports, & motivate the student take part in various sports events to develop the feeling of sportsmanship Recreation of the students



❖ NATIONAL SERVICE SCHEME (NSS) CAMP ❖

National service scheme (NSS) & Physical Education department organized NSS Camp at Umrle gaon on 4th to 10th Jan 2024, 25 students Participated in NSS Camp. NSS Unit has been introduced in colleges with an optimism of establishing a sense of social responsibility amongst students and inculcating values of self-discipline and selfless dedication towards community development.



❖ CIVIL ENGINEERING ❖

❖ TECHNICAL VISIT ❖



Technical site visit to the Waste water Treatment Plant,
Plant Operator, waste water treatment plant of NMC, Tapovan, Nashik. 27/02/2024



Technical site visit to the Gangapur Dam, Nashik .
Gangpur Earthen Dam, Nashik
12/03/2024



Technical site visit to the Narmada Sarovar Dam, Kevadia
Sardar Sarovar Gravity Dam, Irrigation Department, Government of Gujarat .
The observation of technical visit was to observe technical details and feature, types and function of concrete Gravity Dam. (1 Feb. to 3 Feb. 2024)

❖ WORKSHOPS/SEMINAR ❖



Application of RSGIS in civil Engineering
Students have understood application of remotesensing include land-use mapping, weather forecasting, environmental study, natural hazards study, and resource exploration.

❖ ELECTRICAL ENGINEERING ❖

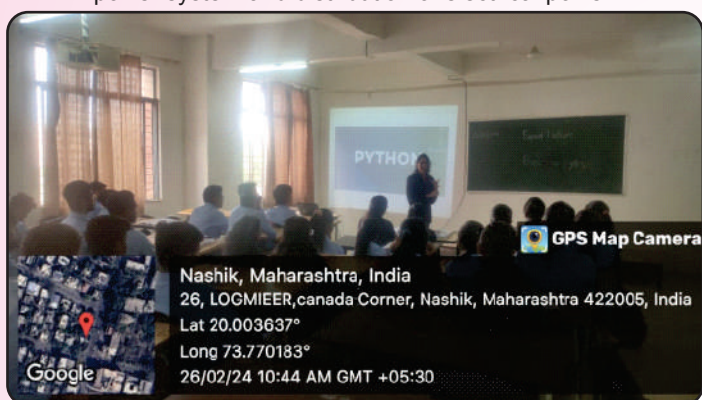
◆ INDUSTRIAL VISIT ◆



Industrial Visit is arranged at 33/11 KV substation Near Pathardi gaon. from this visit students got practical Knowledge about power system and distribution of electrical power.



Industrial Visit is arranged at ABB industry near satpur for TE & BE students.they got all practical knowledge about latest switchgears which are currently uses.



Expert lecture has arranged for SE electrical Students for getting knowledge about latest Softwares which are used for programming



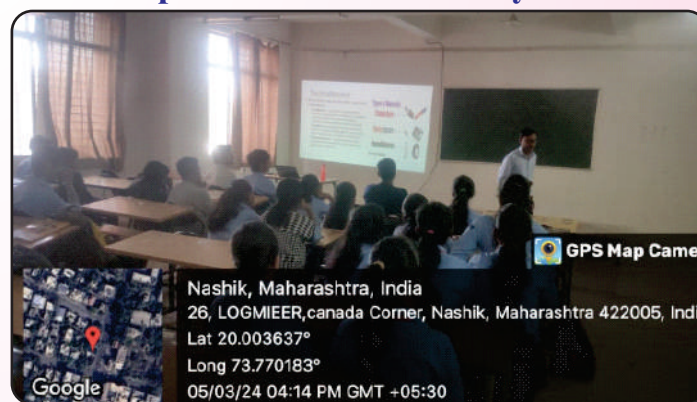
Industrial Visit is arranged at Nashik Transformers SE & BE students for getting practical knowledge about designing & manufacturing of transformer

❖ Skill course on Solar panel installation ❖



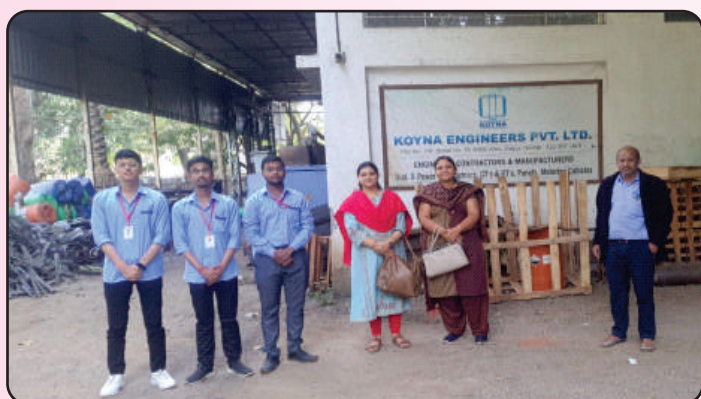
Skill Course has arranged solar panel installation For SE Electrical students.all students got knowledge About solar panel installation method which is very Helpful for their bright future.

❖ Expert lecture on Solar System ❖



expert lecture has arranged on solar system for SE electrical students.this lecture was very useful for solar panel installation procedure in carrier point of view.

❖ Expert lecture on Solar System ❖



This best practice is done by faculty which are monitored students whose gone for internship in different industry.

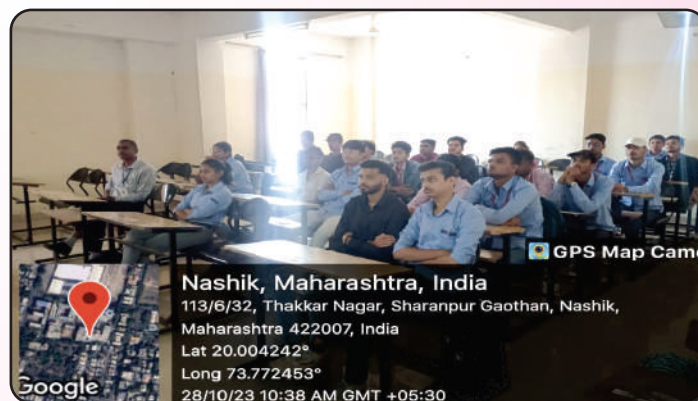
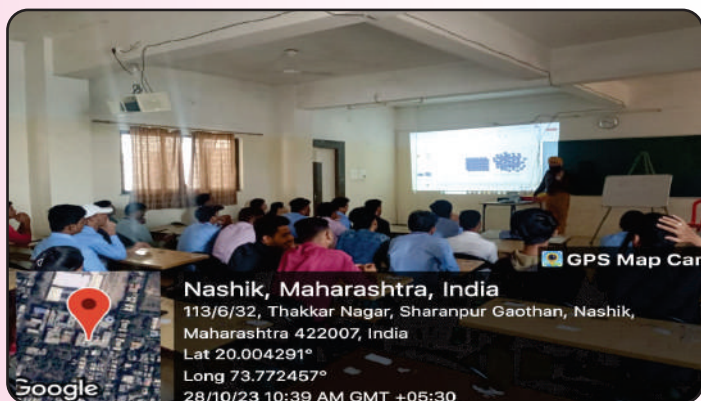
❖ MECHANICAL ENGINEERING ❖



Two Days Workshop on Basic of Industrial Automation.



Seminar on Unlocking BIM: Today's Key to Construction Success.



Certification Course on Engineering Materials & Metallurgy (40 hours)



Certification Course on Soft Skill & Personality Development (40 hours)

❖ AIML ENGINEERING ❖

❖ Workshop on Future Skills Training ❖



One day workshop on Future Skills Training organized on 6th January 2024. Workshop conducted by Fuel Company. In this workshop student get knowledge about various type of the language as well as they handon how its works.

❖ One Day WorkShop On ERP ❖



On 20th January 2024, The one-day workshop on ERP aimed to provide participants with an in-depth understanding of ERP systems and their implementation in modern business environments. The workshop sought to equip attendees with practical knowledge and strategies to leverage ERP solutions effectively.



❖ Industrial Visit Glimpses of Croonus IT Park, Nashik ❖

The industrial visit was organized at CROONUS IT PARK. The aim of the visit was to provide participants with practical exposure to real-world industrial operations, technologies, and processes. It sought to enhance their understanding of theoretical concepts learned in the classroom and foster a deeper appreciation for industrial practices and innovations.

❖ COMPUTER ENGINEERING ❖

❖ Workshop on Cyber Security and Ethical Hacking ❖



One day workshop on "Cyber Security and Ethical Hacking" organized Workshop conducted by IRT Technology. In this workshop student get knowledge about Cyber Security and Ethical Hacking.

❖ APPLIED SCIENCE DEPARTMENT ❖

❖ SCHOOL CONNECT PROGRAMS FOR SSC STUDENTS ❖

Academic Year : 2023-24

MSBTE sponsored "School Connect Programme 2023 - 24" successfully organized & conducted by our institute between 1 Jan 2024 to 15 Jan 2024 in Nashik region. By this programme expert faculties from our institute visited various schools for counseling, guiding and creating awareness among 10th class students and their parents about Scholarships, Technical education, various Diploma Courses and their Scopes in future etc. which is helpful to the students for selecting right path (branch) for bright future. The motto of this program is to make our students more skillful which is in line with "Digital India", the vision of our Honorable Prime Minister Shri Narendra Modi.



❖ KRUSHITHON JAN 2024 ❖

Krushithon is a presentation of the farming with less water and low investment, direction in regards to utilization of modern technology in farming down to earth presentation of Agriculture Heritage of India. It will give business on agriculture-related business opportunities and modern agriculture techniques.



❖ NATIONAL ROAD SAFETY WEEK PROGRAMME ❖

The Main objective of this programme was "to promote road safety measures and following traffic rules and regulations there by developing traffic discipline to prevent road accident."



❖ COMPUTER ENGINEERING ❖

❖ Industrial Visit At Croonus IT Park ❖



Industrial visit has being arranged to the students with a policy to visit at least two industries in every semester for each class to enhance the practical knowledge of the Students. SY and TY Computer Students Went on an Industrial Visit at “Croonus IT Park”, Ambad MIDC, Nashik on 7th October 2024. The motive of visit is to Learn and developing practical knowledge on Coding.

❖ Industrial Visit At “Egalbyte Solution” ❖



Industrial visit has being arranged to the students with a policy to visit at least two industries in every semester for each class to enhance the practical knowledge of the Students. SY and TY Computer Went on an Industrial Visit at “Egalbyte Solutions PVT,LTD” Nashik on 1st March 2024.

❖ EXPERT LECTURE ON “BASIC ELECTRONICS” ❖

Expert Lecture on “Basic Electronics” on 28th February 2024 at 10:00 AM to 12:00 PM at seminar Hall. The guest speaker Mrs. Vimal Bodake, Spoke on importance of Basic electronics for the students. Basic Electronics can help professionals understand how technology works on electronics devices



❖ EXPERT LECTURE ON MICROPROCESSOR ❖

Expert Lecture on “Microprocessor” on 27th February 2024 at 10:00 AM to 12:00 PM at seminar Hall. The guest speaker Mr. Vishal Ohol, Spoke on importance of Microprocessor for the students. Microprocessor are used many other electronic Devices including cell phones, electronic games, etc.



❖ Mechanical Engineering ❖

❖ Industrial Visit ❖



Mechanical Engg. Dept organized Visit to Kedar Enterprises, Ambad, Nashik on 7th March 2024.



Mechanical Engg. Dept organized Visit to AUTOTHON, at Thekkar's Dome Nashik on 9th March 2024.



Mechanical Engg. Dept organized Visit to Sahyadri Farm, at Palkhed, Dindori, Nashik.

❖ Electrical Engineering ❖

- **Expert Lecture On E-Vehicle**
E-Vehicle Lecture Conducted by Electrical Department for SY & TY Students to understand the future opportunities in Electrical vehicle.
- **Workshop on SOFT SKILL & CARRIER REDINESS**
Program by Mr.VaibhavKulkarni& Mrs. DevastutiMukharjee of TNS India Foundation, Mumbai.

❖ Industrial Visit ❖



Arranged by Prof. G.G.Somase& Prof. P.S.Jadhav.
At Bharat Precision Technology, Satpur, Nashik.



Arranged by Prof. A.V.Pelmahale & Prof. P.S.Jadhav.
At Water Supply Plant, Vilholi, Nashik.

❖ Civil Engineering ❖

❖ Traditional Day 2K24 ❖



Traditional day 2k24 was held on 09th Feb 2024. Traditional day designated for all to come in traditional attire from their choice. Everyone at the institute came dressed in their best ethnic attires. Traditional Day celebration has its relevance because of the fact of togetherness and unity.

❖ Prize Distribution 2K24 ❖



Social Activities 2k24 was held on 2024. The Annual prize distribution ceremony of the College for the academic year 2023-24 was organized in collaboration by the general event management Society.

❖ Artical ❖

Changing Life with AI

Artificial intelligence (AI) has been more and more integrated into our daily lives in recent years in ways that we might not even be aware of. It has spread so far that many people are still ignorant of its effects and how dependent we are on it.

Artificial intelligence: what is it? Unlike the natural intelligence exhibited by people and animals, artificial intelligence (AI) is the intelligence expressed by robots. The most intricate organ in the human body, the brain interprets information from the outside environment and regulates every bodily function. Its brain networks are made up of about 100 trillion synapses connecting an estimated 86 billion neurons. Many of its implications and powers remain undiscovered and unclear to neuroscientists even now.

AI technology powers a lot of what we do in our daily lives, from morning to night. Many of us take our laptop or cell phone as soon as we wake up to begin our day. This has become second nature to us and is essential to how we make decisions, plan, and gather information.

Once we've switched on our devices, we instantly plug into AI functionality such as:

face ID and image recognition

emails

apps

social media

Google search

digital voice assistants like Apple's Siri and Amazon's Alexa

online banking

driving aids – route mapping, traffic updates, weather conditions

shopping

leisure downtime – such as Netflix and Amazon for films and programs

AI is affecting all aspects of our online personal and professional life. In the world of business, global communication and interconnectedness have always been crucial. Making the most of data science and artificial intelligence is crucial, and there is no end to its potential expansion.



- Prof Vijay J. Bodake

Computer Engineering

Embracing the Future: The Transformative Potential of Virtual and Augmented Reality

The future of Virtual Reality (VR) and Augmented Reality (AR) promises groundbreaking advancements with vast potential to transform industries and human experiences. VR immerses users in computer-generated environments, while AR overlays digital elements onto the real world. Market projections suggest exponential growth, with a user base expected to reach 3,674.0 million worldwide by 2028, indicating the profound impact of these technologies. Businesses are urged to invest in VR and AR due to the substantial market revenue forecasted, with AR software expected to reach a value of US\$13.0 billion by 2024. Top AR/VR apps like Google Lens, Netflix VR, and IKEA Place showcase the diverse applications and benefits of these technologies.

Artificial Intelligence (AI) is playing a pivotal role in enhancing VR and AR experiences. AI-driven applications digitize real-world objects, facilitate personalized shopping experiences, and improve gaming interactions. Future trends in VR and AR include the integration of AI, immersive social experiences, and the integration of 5G networks to enable high-definition, low-latency experiences. However, challenges such as user discomfort, hardware limitations, and privacy concerns hinder widespread adoption.

Despite challenges, opportunities abound, including new creative mediums, business innovation, and economic growth. VR and AR offer accessibility for all, removing barriers to participation for people with disabilities and fostering human connections. As VR and AR technologies continue to evolve, they are poised to revolutionize industries, from healthcare to retail, and enhance everyday experiences. Embracing these transformative technologies is essential for businesses to stay competitive and unlock new opportunities for growth and innovation in the digital era.



- Prof. Prashant B. Rajole

Artificial Intelligence & Machine Learning