



Krantiveer Vasantao Narayanrao Naik Shikshan Prasarak Sanstha's

**Loknete Gopinathji Munde**

**Institute of Engineering Education & Research**

Canada Corner, Sharanpur Road, Nashik-422002.

**(Degree & Diploma Engineering)**



**NEWS LETTER 2023 - 2024**

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**Theme - Clean India Green India**

## Three Days UHV-I Program



## AICTE's 3 day's Workshop on Universal Human Values

Education is fundamental for achieving full human potential, developing an equitable society and promoting national development. For realizing these expectations education has to develop holistic vision of life, socially responsible behavior, ethical human conduct, environmental responsibility, competence and capability to maintain health and hygiene, appreciation and aspirations for excellence and gratitude for all. AICTE and UGC has initiated a mandatory 3 week student induction program on Universal Human Values and a 3 credit course on understanding harmony and ethical human conduct.

In view of this we at LoGMIEER conducted AICTE approved 3day's Faculty Development Program on Universal Human Values-I for faculty of AICTE/UGC approved institutes in North Maharashtra Region from 31st July to 2nd August 2023. AICTE Team for conducting the workshop included Dr. Vinay Chidri as Resource Person, Ms. Nilima Aher as Co-facilitator and Dr. Ajay Talwekar as Observer. Total 110 faculty registered for the workshop and 62 participants were present from different Engineering, Polytechnic, Pharmacy, Management and Arts, Commerce & Science Colleges in the region. Awareness about universal human values was created during the workshop and faculty attending the second part of the workshop will be eligible to teach universal human values course to the students.



## Computer Engineering

### ❖ Industrial Visit At Papaya's nursery ❖



Industrial visits have been arranged for the students with a policy to visit at least two industries each semester for each class to enhance the practical knowledge of the students. SY and TY Computer students went for the Industrial Visit at Papaya's Nursery, Trambak Road, Nashik on 18 September 2023. The motive of this visit was to study the environment.

### ❖ Industrial Visit At “Calibers Infotech” ❖



An Industrial visit was arranged for the Diploma students of Second Year & Third Year Computer Engineering Students at Calibers Infotech, College Road, Nashik, on 26 August 2023. The motive of this visit was to improve the practical knowledge of students on Coding.

### ❖ Welcome Function Program 2023 ❖



The Welcome Function of Diploma First Year Computer Engineering student washeld on 30th September 2023 in the institute. The purpose of this program was to welcome the newly admitted students in a friendly atmosphere and to encourage their creative impulses to boost their confidence. It is the day when the senior and junior students unite to celebrate being a part of the institute. The welcome function was filled with excitement, music, laughter, joy and the happiness.

### ❖ ENGINEER'S DAY Celebration 2023 ❖



The Engineer's day was held on the 15th September 2023 at the Institute. Engineer's Day 2023 was celebrated to honor and recognize the achievements of Sir Mokshagundam Visvesvaraya. Thinking in analytical way is an essential skill needed for engineering students. Engineers' Day was celebrated to recognize the achievements of engineers & the contributions made by them to the society.

### ❖ Expert Lecture On “Financial awareness” ❖



Expert Lecture on “Financial awareness” was conducted on 13 September 2023 at 10:00 AM to 12:00 PM in the Seminar Hall. The guest speaker Mr. Sagar Agrawal was invited for the same; he spoke on the importance of financial awareness for the students. Financial literacy can help individuals to reach their desired goals: By better understanding how to budget and save money, processes, practices, culture and values, and their accountability to their finances.

### ❖ First year Induction Program ❖



The Induction program was organized in the institute during 17th August 2023 to 24th August 2023 for newly admitted first year diploma students. As they come to the institution; before regular classes start. At the start of the induction, the incumbents learn about the institutional policies, individuals can create plans that set expectations, mentor groups are also formed in the institute for them.



## Mechanical Engineering

### ❖ Competitions ❖



A Technical Quiz was organized by the Diploma Mechanical Engineering Students Association on 15th Sep.2023 on the occasion of Engineer's Day 23. Around 50 students have participated in this Technical Quiz.

### ❖ INDUSTRIAL VISIT ❖



Industrial visit was organized at Praneet Machine Tools, Ambad Nashik.



Mechanical Engg. Department had Organized an Industrial Visit at Orchid Cooling & Cleaning Pvt. Ltd.



An Industrial visit was organized at Nashik Waste Management Pvt Ltd. Nashik for awareness of Waste Management System.



### ❖ SOCIAL ACTIVITIES ❖



Swachhata Abhiyan as well as Swachhata Oath activity was carried out by our Diploma Students at Goda Ghat on 2nd Oct. 2023.



## Civil Engineering

### ❖ Industrial Visits ❖



Technical site visits were organized at ongoing Sewage Treatment Plants at Tapovan & Nilgiri Bag Nashik on 13th September 2023 for Third Year Civil Engineering students. The motive of this visit was to learn and develop practical knowledge on construction site as well as to learn treatment of water.

### ❖ ENGINEERS DAY 2K23 ❖



Engineers Day 2K23: Engineers Day 2k23 was held on 15th September 2023 to express gratitude and appreciation to the Engineers. Engineers Day is celebrated to pay tribute to Sir Mokshgundam Visvesvaraya on 15th September respectively. Students showed the great enthusiasm while competing with each other.

### ❖ SOCIAL ACTIVITIES - 2K23 ❖



Social Activities 2k23 held on 02nd October 2023. The purpose of this activity to reduce pollution and create social solidarity and cohesion, fostering social inclusion, community empowerment, and capacity - building, and enhancing confidence, civic pride, and tolerance. It gave a great opportunity to the students to show their talent.



## Electrical Engineering

### ❖ DEPARTMENTAL Industrial Visit ❖



To explore the professional working culture and advance technology to the students. Industrial visit was arranged to Dhanraj Switch Gear on 13/09/2023. All faculty and students of SY and TY Electrical Engineering were present for the same.

### ❖ SWACHHATA ABHIYAAN ❖



Swachh Bharat Mission is a country-wide campaign. The theme of 2nd Oct 2023 (Gandhi Jayanti) is to achieve a "Garbage Free India" by highlighting visible, high level cleanliness through Shramdaan and Jan Bhagidari. Our college has organized "Aviral Godavari" river cleanup campaign to revive Godavari. The S.E & T.E student clubs are helping spread the message of "Cleanliness is next to Godliness."

### ❖ Engineers Day ❖



Electrical Department celebrated "Engineers Day" on 15th SEP 2023 in honor of Bharat Ratna Dr. Mokshgundam Visvesvaraya on 15th Sept. 2023.

### ❖ Ganesh Murti Sankalan ❖



The college student did Ganpati Murti Sankalan near Chopda Lawns, Nashik. They collected Ganpati idols for the Eco-Friendly Visarjan on 28th Sept. 2023. It was also a huge success. As we collected 75-80 Ganpati Murtis. An initiative was taken by the Project incharge Prof. N.H. Pawar from Civil Dept.



## Computer Engineering



### ❖ Workshop on Cloud Computing ❖

One day workshop on “Cloud Computing” organized on 19th August 2023. Workshop conducted by Nerd Tech Company. In this workshop students had got the knowledge about Cloud Computing as well as the hands on how it works?



### ❖ Workshop on Java ❖

One day workshop on “Java” organized on 12th August 2023. Workshop conducted by Kiran Academy. From this workshop students got the knowledge about Core Java as well as upcoming trends regarding Java.



### ❖ Workshop on Software Testing ❖

One day workshop on “Software Testing” organized on 22nd September 2023. Workshop conducted by BSTC. In this workshop students got the knowledge about Software Testing as well as the hand-on how it works?



### ❖ ENGINEER'S DAY Celebration 2023 ❖

On 15th September 2023, the institute celebrated “Engineer's Day” in the honor of Sir. M. Visvesvaraya. Also, marked this day to celebrate the achievements of engineers and their contributions to the society. Students organized different activities such as Group Discussions, Debate and Games.



## Mechanical Engineering

### ❖ Activities ❖



Seminar on Unlocking BIM: Today's Key to Construction Success (Date: 20/09/2023)



Workshop on Basics of Industrial Automation (Date :15 & 16 September 2023)

## AIML Engineering

### ❖ Workshop on Code Mantra ❖ ❖ ENGINEER'S DAY Celebration 2023 ❖



One day workshop on Code mantra was organized on 19th August 2023. Workshop conducted by Code mantra Company. In this workshop students got the knowledge about various types of languages, as well as the hand-on how it works.



On 15th September 2023, we celebrated "Engineer's Day" in the honor of Sir M. Visvesvaraya. Also, marked this day to celebrate the achievements of engineers and their contributions to the society. Student organized different activities to celebrate an event such as Group Discussion, Debate and Games.



## Civil Engineering

### ❖ TECHNICAL VISIT ❖



**Technical site visit to the construction site.**

Location: 2P5V+WR8, Pipeline Rd, Kale Nagar Balawant Nagar, Anandvalli, Nashik, Maharashtra 422013,



**Technical site visit to the Sewage treatment plant.**

Location: Tapovan Sewage treatment plant, Tapovan, Panchavati, Nashik dated 15/05/2023.



**RMC Plant**

**Location:**

Designer Concrete PVT. LTD., Satpur Nashik dated 27/05/2023.



### ❖ ENGINEERS DAY CELEBRATION ❖



### ❖ WORKSHOPS / SEMINAR ❖



#### SEMINAR ON UNLOCKING BIM: TODAY'S KEY TO CONSTRUCTION SUCCESS

From the Seminar students were aware of the latest technologies in the construction management industry. Many youngsters benefited by getting placed in esteemed construction firms. The people who got to know or learned from NIBT are adept in reinforcing their skill sets with a good understanding, apt in creating qualitative as well as quantitative work.



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



## Electrical Engineering

### ❖ Industrial Visit ❖



Social activities has being arranged for the students in every semester for each class to enhance the Social activity of the practical Students. SE and TE Electrical Students Wentonan Electrical Visit at, NABL Lab Nashik on 03rd September 2023. NEC Ambad.



Industrial visit has being arrange he students with a policy to visit at least two industries in semesterfor each class to enhance the knowledge of the Students. SE and TE The motive of visit is calibration, testing MIDC Nashik, measurements. of electrical equipment.

### ❖ Workshop on Industrial Automation ❖



The Workshop was held on the 15&16 September 2023 at the college. The purpose of this Program erdisciplinary knowledge in field of Mechatronics and Industiral Automation. 64 Student participated in Training

### ❖ ENGINEER'S DAY Celebration 2023 ❖



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### ❖ Industrial Visit At Takali 132 KV Substation ❖



Industrial visit has being arranged to the students with. faculty in 132 kv Takli substation. for each class to enhance the practical knowledge of the. Students. SE and TE Electrical Students Wentonan isita Takali substation 04/10/23 Tapovan..

### ❖ Swachh Bharat Mission ❖



Swachh bharat mission done in our college. Campus electrical. Department SE, TE and BE Student Participate in this missional so join tour electrical Faculties. Industrial V



## Engineering Science Department

### ❖ TWO WEEK STUDENT INDUCTION PROGRAM ❖



Inauguration Function of two week duration Student Induction Program for First year Engineering Students was conducted from 7th August 2023 as per guidelines given by AICTE. The objective of the Program was apart from study to develop good habit and skill in them by multitasking sessions like mental health and meditation, Personality Development, Opportunities in Engineering, UHV session, Motivational session, Reading habits and benefits, Training and Placement, Softs skills and Grooming etc.

### ❖ PARENTS TEACHER MEET ❖



Organized Parent-Teacher Meet on 15th Sept 2023 at the college. Parent-Teacher meet was organized to encourage students to work on themselves, improve their academic performance and widen their skills. They get a sense that their teachers and parent are observing them closely and rooting for their best performance, academically and in extracurricular pursuits.



## Article

### Swacchata Abhiyan

Swacchata Abhiyan, also known as the Swachha Bharat Abhiyan or Clean India mission, is a nationwide cleanliness campaign started by our Prime Minister Narendra Modi on 2<sup>nd</sup> October, 2014 which is also the birthday of Mahatma Gandhi whom we also call Bapu.

The primary goal of this campaign is to eliminate open defecation, promote sanitation, and make India a clean and open defecation-free (ODF) country by improving waste management practices, building toilets, and raising awareness about cleanliness and hygiene. It has been a significant initiative to improve public health and environmental conditions in India.

“A clean environment leads to a healthy life. Let's join hands and clean our nation.” “We cannot build a healthier and stronger nation without first ensuring its cleanliness.” “Our motto should be Swachh Bharat Abhiyan, Swasth Bharat Abhiyan – Clean India, Healthy India.”

On occasion of Mahatma Gandhi Jayanti Swachhata Abhiyan was conducted by LoGMIEER Degree and Diploma students at Godaghat on 2<sup>nd</sup> October 2023 to express gratitude to Mahatma Gandhi. Our Nashik city bagged the 20<sup>th</sup> rank in the category of the best performing states in the Swachh Survekshan Awards 2022.

- **Prof. A.V. Pelmahale**  
(NSS Co-Ordinator)



### Clean India Green India

In a world grappling with environmental challenges, India stands tall with its pledge for a cleaner and greener nation. The "Clean India, Green India" initiative is not merely a campaign; it's a collective endeavor to transform our beloved country into a haven of sustainability and natural beauty. This magazine article delves into the heart of this movement, highlighting its achievements, aspirations, and the impact it has on India's journey toward a cleaner, greener future.

#### SWACHH BHARAT ABHIYAN: THE CLEAN INDIA CAMPAIGN

The Swachh Bharat Abhiyan, launched in 2014, spearheads the "Clean India" aspect of the initiative. This ambitious campaign has made tremendous strides in improving sanitation and hygiene across the country. From constructing millions of toilets to raising public awareness about the importance of cleanliness, the Swachh Bharat Abhiyan has transformed India's landscape and people's attitudes.

One of the noteworthy achievements of this campaign is the significant reduction in open defecation, making India a safer and healthier place. Moreover, the concept of cleanliness is now deeply ingrained in the Indian psyche, influencing behaviors from individual homes to public spaces.

#### THE GREEN INDIA MISSION

The "Green India" mission, on the other hand, focuses on preserving the country's incredible natural beauty and resources. India boasts an extraordinary diversity of flora and fauna, but factors like deforestation, pollution, and over-exploitation of natural resources threaten this biodiversity.

To counter these threats, the Green India mission champions reforestation efforts, wildlife conservation projects, and the promotion of renewable energy sources. India is committed to sustainable practices that ensure the long-term health of its environment.

#### A GLOBAL PERSPECTIVE

"Clean India, Green India" is not confined to the nation's borders. It aligns with the global agenda to combat climate change. India's commitment to reducing pollution, conserving natural habitats, and transitioning to renewable energy sources significantly contributes to the worldwide effort to combat climate change.

- **Chetan S. Avhad**  
Dept. of Civil Engineering





## Article

# E- Waste Management

The world is becoming increasingly digital, and with that there is an increase in the amount of electronic waste (e-waste). Due to the rapid pace of technological advancements, electronic devices are quickly becoming obsolete. The trend of repairing and maintaining is past and now purchasing of new advance equipment is preferred. This has resulted in an increase in the amount of e-waste generated.

E-waste, or electronic waste, refers to electronic products that are no longer wanted or useful and have reached the end of their useful life, as well as rejects from manufacturing, refurbishment and repair processes.

### What is E-Waste Management?

E-waste management refers to properly disposing and managing electronic waste. The process involves the collection, transportation, recycling, refurbishing, and disposal of electronic waste in an environmentally-friendly manner.

The goal of e-waste management is to reduce the negative impact of electronic waste on the environment and human health by minimizing pollution, conserving natural resources and energy, and promoting sustainability. Proper e-waste management also ensures the recovery of valuable materials from electronic waste, such as copper, silver, and gold, to create new products.

### Types and Examples of E-Waste

- IT and telecommunications equipment (Computers, Laptops, and peripherals, Mobiles, Smartphones etc.)
- Consumer electronics (TV, Audio Players, Home theaters etc.)
- Electrical and electronic tools ( Home appliances like AC, Fans, Washing Machine, Refrigerator, Toasters, Vacuum Cleaners, LED, light bulbs, batteries etc.)
- Toys, leisure, and sports equipment
- Medical devices including monitoring devices and diagnostic equipment

### Approaches to E-Waste Management

- Encouraging people to buy fewer electronics and to use their devices for longer periods before replacing them
- Recycling of e-waste to break down old electronics into their component parts so they can be reused in new products
- Proper disposal of e-waste through designated drop-off centers
- Donating used electronics to non-profit organizations that provide low-cost or free technology to underserved communities
- Implementing extended producer responsibility (EPR) programs that require manufacturers to take back and recycle their products, incentivizing them to design devices that are easier to recycle or repair (Policy initiated in India since April 2023)
- Adopting circular economy principles that promote the reuse and recycling of materials to prevent them from becoming waste

### Challenges in E-Waste Management

- Rapid technological advancements has resulted in an increase in the amount of e-waste generated
- Hazardous materials such as mercury, lead, brominated flame retardants, and cadmium can harm human health and the environment if not appropriately handled during disposal and recycling.
- There is a lack of proper infrastructure to manage e-waste.
- Data security and Privacy - Electronic devices often contain sensitive data such as personal information, financial data, and intellectual property. Therefore, improper disposal of these devices can lead to data breaches and identity theft.
- High Cost - Recycling electronic devices can be expensive due to the high cost of separating and processing the materials used in their construction.

### Government Policy

Central Pollution Control Board, India has introduced new E-Waste Management Rules 2022, which came into effect from April 1, 2023. The new rules apply to manufacturers, producers, refurbishers, dismantlers, and recyclers involved in the manufacture, sale, transfer, purchase, refurbishing, dismantling, recycling, and processing of e-waste or electrical and electronic equipment. It has also defined the life of equipments after which they are required to be scrapped by above entities.

**- Prof. Datta Pawase**  
Dept. of Mechanical Engineering

