



# KDK COLLEGE OF ENGINEERING, NAGPUR

- An Autonomous Institute -

## NEWS-LETTER KDK COLLEGE OF ENGINEERING, NAGPUR DEPARTMENT OF MECHANICAL ENGINEERING, NAGPUR

**SESSION-2024-25 (EVEN SEMESTER)**  
**Major activities organized by department**

### DRUG AWARENESS RALLY-EXTENSION ACTIVITY



On the occasion of the 76th Republic Day, KDK College of Engineering, Nagpur, organized a **Drug Awareness Rally** to promote a drug-free society and raise awareness about the harmful effects of substance abuse. This initiative aimed to engage students, faculty, and the local community in a collective effort to combat drug addiction.

#### **Objectives**

- **Raise Awareness:** Educate participants about the dangers of drug abuse and its impact on individuals and society.
- **Promote Healthy Lifestyles:** Encourage students and the community to adopt drug-free habits and make informed choices.
- **Community Engagement:** Involve local residents and organizations in the fight against drug addiction.
- **Support for Affected Individuals:** Provide information about available support and rehabilitation services for those struggling with addiction.

#### **Event Details**

- **Date:** January 26, 2025
- **Time:** 8:00 AM onwards
- **Assembly Point:** Main Gate, KDK College of Engineering
- **Route:** Campus → [Vyanktesh colony] → [Jagnade chowk]
- **Participants:** Over 100 students, faculty, and staff members

#### **Activities Conducted**

- **Flag Hoisting Ceremony:** The event commenced with the hoisting of the national flag, followed by the singing of the national anthem.
- **Rally:** Participants marched through the campus and nearby areas, holding placards with anti-drug messages and slogans such as "Say No to Drugs, Yes to Life."

**Distribution of awareness of ill effects of drug addiction via handheld banners, placards, vocal slogan.**

### FOUNDER'S MESSAGE



"With steady steps, in accordance with the national policy of enhancing access to higher education for the youth of the country."

**Hon. Late Shri Bhausaheb Mulak**  
Founder Chairman, BCYRC and BMCT

### Mission

- Academic Excellence in Engineering and Technology Through Complete dedication to all round Growth of Students.
- Enable the Students to Develop Outstanding Professional with Technical Competence and Management Skills.
- Fulfill the Expectance of the Society and Industries with Ethical Standards for developing Sustainable Solutions.

### Program Outcomes (POs)

1. Engineering knowledge
2. Problem analysis
3. Design/development of solutions
4. Conduct investigations of complex problems
5. Modern tool usage
6. The engineer and society
7. Environment and sustainability
8. Ethics
9. Individual and team work
10. Communication
11. Project management and finance
12. Life-long learning



# KDK COLLEGE OF ENGINEERING, NAGPUR

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## EXPERT LECTURE ON CAREER OPPORTUNITIES IN ROBOTICS & AUTOMATION

Service To The Society Through Quality Technical Education  
**K. D. K. COLLEGE OF ENGINEERING, NAGPUR**  
An Autonomous Institute, Accredited by NAAC & NBA

MESA & Mechanical Engineering Department  
in association with IIC  
organizes  
**Expert Lecture on**  
**"CAREER OPPORTUNITIES IN ROBOTICS AND AUTOMATION"**  
by

<b>Dr. Abhishek M. Thote</b> Ph.d from VNIT, Nagpur	<b>Dr. Rajesh V. Patil</b> Ph.d from SPPU (Pune University)
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**20th FEB, 2025**

<b>Dr. A. P. Ninawa</b> MESA Incharge	<b>Dr. S. R. Ikhar,</b> HOD, Mech. Dept.	<b>Dr. A. M. Badar</b> Vice Principal	<b>Dr. V. P. Varghese</b> Principal
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### *Expert Lecture on "Career Opportunities in Robotics and Automation"*

◆ **Date:** 20th February 2025

◆ **Time:** 3:00 PM

The Department of Mechanical Engineering, KDK College of Engineering, Nagpur, organized an expert session on the topic "**Career Opportunities in Robotics and Automation**" on **20th February 2025** at **3:00 PM**. The session was aimed at enlightening students about the rapidly growing domain of robotics and automation, and the vast array of career opportunities emerging within this field.

The keynote speaker for the session was Dr. Abhishek M. Thote, Assistant Professor, Department of Mechanical Engg. & Dr. Rajesh V. Patil, MIT World Peace University (MIT-WPU), Kothrud, Pune, a distinguished expert in robotics and automation technologies. The speaker shared valuable insights into the evolution of robotics, its application in modern industries such as manufacturing, healthcare, defense, and logistics, and the role of automation in Industry 4.0. During the session, students were introduced to various **career paths**, including **robotics engineering**, **automation system design**, **embedded systems**, **artificial intelligence**, and **industrial automation**. The expert also highlighted the **essential technical skills** such as programming, robotics simulation tools etc.

The session was highly interactive, with students engaging in a lively Q&A session, seeking advice on **career planning**, **internships**, **certifications**, and academic resources to enhance their competencies in the field. The event concluded with a vote of thanks delivered by Dr. A. P. Ninawa, Event Coordinator, expressing gratitude to the guest speaker and encouraging students to take initiative in exploring cutting-edge technologies. The session was well-received and proved to be highly beneficial for all participants.



# KDK COLLEGE OF ENGINEERING, NAGPUR

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## OUTREACH PROGRAM- ENVIRONMENT AND SUSTAINABILITY



**K. D. K. College of Engineering**  
Accredited By NAAC & NBA  
(An Autonomous Institute Affiliated to RTM Nagpur University)

**Department of Mechanical Engineering**  
Organised  
Awareness Rally as Outreach Program  
On  
**"Environmental Awareness and Sustainability"**  
Date: 13/03/2025 Time 11.30 am

Dr.P.G.Mohar / Pro.M.S.Shelke Program Coordinator  
Dr.S.R.Ikhar Head  
Dr.A.M.Badar Vice-Principal  
Dr.V.P.Varghese Principal



**सकाळ**

## विद्यार्थ्यांनी केली पर्यावरणाविषयी जनजागृती



**नागपूर :** भुलेवाडी येथे काढण्यात आलेल्या जनजागृती रॅलीत सहभागी झालेले शाळकरी, महाविद्यालयीन विद्यार्थी व मान्यवर.

■ **सकाळ वृत्तसेवा**

नागपूर, १७ : के.डी.के कॉलेज ऑफ इंजिनिअरिंग नागपूर आणि भुलेवाडी-बिटोली ग्रामपंचायत अंतर्गत 'पर्यावरण आणि निर्वाहक्षमता' या विषयासंदर्भात विद्यार्थी ग्रामस्थ तसेच शिक्षकांच्या वतीने जनजागृती कार्यक्रमाचे आयोजन १३ मार्चला ग्रामपंचायत भुलेवाडी येथे करण्यात आले होते.

कार्यक्रमाला ग्रामस्थ, ग्रामसेवक सचिन देशमुख, प्राचार्य यांची उपस्थिती होती. कार्यक्रमात ग्रामस्थांना पर्यावरणा बद्दलची माहिती फलकाद्वारे देण्यात आली. तसेच

निसर्ग कशा पद्धतीने जोपासता येईल याची जाणीव करून दिली.

प्रसंगी प्रा. डॉ. पुंडलिक मेहर, प्रा. मयूर शेटके प्रा. विक्रान्त धोपटे, ग्रामसेवक सचिन देशमुख, मुख्याध्यापिका पात्रे, धर्मा दिवटे, सुरेश दिवटे, अनिल गणवीर, प्रकाश सोनेकर, विकास दिवटे, जयप्रकाश कळमकर, मोरेश्वर कळमकर उपस्थित होते.

जनजागृती कार्यक्रमाबद्दल कॉलेजचे प्राचार्य डॉ. वालसन वर्गिस व उप-प्राचार्य डॉ. अविनाश बंदर तसेच विभाग प्रमुख डॉ. संजय इखार यांनी सर्वांना शुभेच्छा दिल्या.

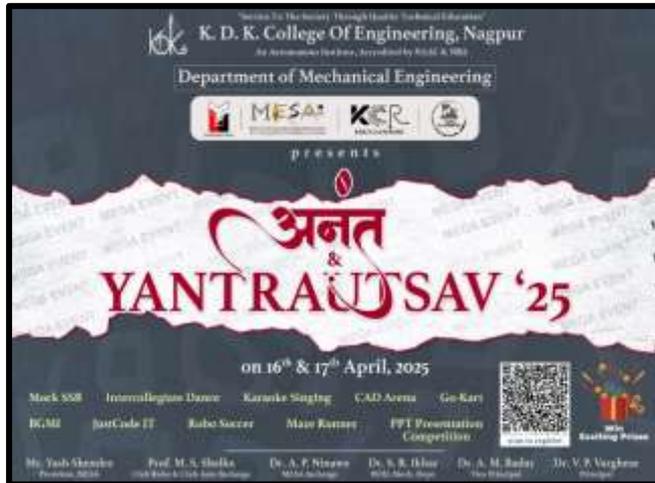
Nagpur, Nagpur-Today  
18/03/2025 Page No. 6



# KDK COLLEGE OF ENGINEERING, NAGPUR

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## MOCK SSB COMPETITION-ANANT MEGAEVENT 25



The Department of Mechanical Engineering at KDKCE, Nagpur successfully organized a **Mock SSB Competition** under umbrella of “ANANT-25” on **16th April 2025**. The event was designed to simulate the real-time SSB selection process to prepare students for entry into the various competitive services.

The competition witnessed enthusiastic participation from students across various semesters, with over **20 participants** registering for the event. The mock SSB was conducted in a structured format replicating the assessment procedures.

### **Key Components of the Event:**

- **Group Discussion & Group Planning Exercise (GPE)**
- **Personal Interview Simulation**
- **Situation Reaction Test (SRT)**

The event was judged and facilitated by experienced faculty Prof.V.D.dhopte. Participants received individual feedback to help them improve their communication, leadership, and decision-making skills.

The program concluded with a **certificate distribution** ceremony and words of encouragement from the **Head of Department**, who emphasized the importance of personality development and nation-building roles through careers.

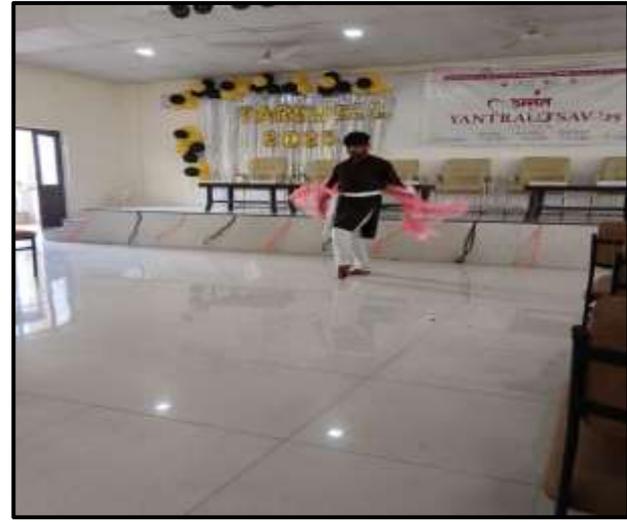
The event received a very positive response and proved to be a motivating and enriching experience for all participants.



# KDK COLLEGE OF ENGINEERING, NAGPUR

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## INTER-COLLEGIATE DANCE COMPETITION



The Department of Mechanical Engineering, KDK College of Engineering, Nagpur, successfully organized an **Intercollegiate Dance Competition** on 17th April 2025, in the college auditorium. The event was a vibrant display of talent, energy, and cultural expression, drawing enthusiastic participation from students across various colleges in the region. The competition aimed to provide a platform for young dancers to showcase their skills, encourage cultural engagement, and foster healthy competition among budding artists. A total of 09 teams from reputed institutions participated in the event, performing in different dance styles including classical, contemporary, hip-hop, folk, and fusion. The event commenced with a traditional lamp lighting ceremony, followed by a welcome speech by the Head of the Mechanical Engineering Department. Esteemed judges from the field of performing arts evaluated the performances based on creativity, synchronization, choreography, costume, and overall impact. The audience was captivated by the electrifying performances, and the event was filled with applause and appreciation. Prizes were awarded to the winner teams. The event concluded with a vote of thanks, expressing gratitude to the participants, judges, faculty, and student volunteers whose efforts made the event a grand success.

The Intercollegiate Dance Competition not only celebrated the spirit of dance and cultural diversity but also contributed to strengthening inter-institutional ties and student engagement.



# KDK COLLEGE OF ENGINEERING, NAGPUR

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## ANTI-TOBACCO DAY-QUOTES/SLOGANS COMPETITIONS

Service to the society through quality technical education

**KDK COLLEGE OF ENGINEERING**  
(ACCREDITED BY NBA & NAAC)

DEPARTMENT OF MECHANICAL ENGINEERING

What we need to learn in a daily basis are colorful and not tobacco. Stay healthy and happy with no tobacco.

World **Anti-Tobacco Day**

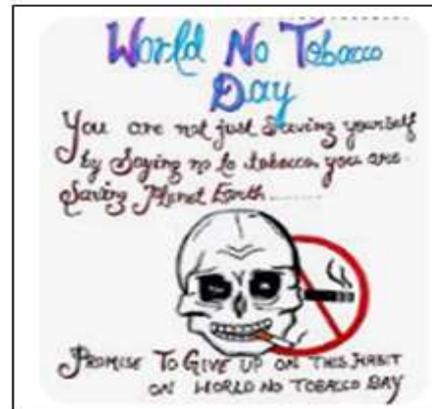
TIME-11.00 AM @MECHANICAL DEPARTMENT

THEME-DRUG ADDICTION/NO DRUGS

**"QUOTES /SLOGANS" COMPETITION**  
DATE-31/05/2025



Slogan presentation



Quotes presentation

The only thing that tobacco brings along with it is disease which later converts in death and despair for your loved one.... Save yourself and your family from a disaster like this by quitting tobacco.

Quotes presentation

Tobacco Breaks Heart

31st May  
World No Tobacco day

Slogans presentation

TOBACCO Is a slow poison.

choose life instead.

Quotes presentation

### Brief Information about the Activity:

**Objectives:-**The main objective of a slogan competition on Anti-Tobacco Day is to raise awareness about the harmful effects of tobacco use and to encourage individuals, especially youth, to adopt a tobacco-free lifestyle.

### **Outcomes:-**

- Increased Awareness: Participants and audiences gained a deeper understanding of the health hazards associated with tobacco use and the importance of a smoke-free environment.
- Creative Advocacy: The competition encouraged participants to creatively express anti-tobacco messages, resulting in impactful slogans that can be used in future awareness campaigns, posters, and social media.
- Youth Engagement: The event actively involved students and young individuals, empowering them to take a stand against tobacco and become ambassadors for healthy living.



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## EXPERT TALK ON ROAD SAFETY COMPAGAIN-25



Department of Mechanical Engineering, KDK College of Engineering, Nagpur, in collaboration with the Regional Transport Office (RTO), Government of Maharashtra, organized an Expert Awareness Talk under the “ROAD SAFETY CAMPAIGN-25”. The session was delivered by **Er. Pravina V. Zode, Assistant Motor Vehicle Inspector, RTO Department, Government of Maharashtra.**

### Event Details:

- **Date:** 16/01/2025
- **Time:** 11.15am
- **Venue:** KDKCE, Nagpur

### Objective:

The primary objective of this initiative was to raise awareness about road safety among students and the general public. The session aimed to educate attendees on the importance of adhering to traffic rules, the significance of wearing helmets and seatbelts, and the role of individuals in preventing road accidents.

### Key Highlights:

- **Expert Insights:** Er. Pravina V. Zode shared valuable insights into the current state of road safety in Maharashtra, highlighting common traffic violations and their consequences.

**Interactive Session:** The session included interactive discussions, allowing participants to ask questions and clarify doubts related to road safety practices