



**K K Wagh Education Society's  
K K Wagh Institute of Engineering  
Education and Research, Nashik.**

August 2024

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■ **Flag Hoisting-2024-Independence Day**



On 15<sup>th</sup> August 2024, the 78<sup>th</sup> Independence Day Flag Hoisting Ceremony was held at the hands of Principal Prof. Dr. K. N. Nandurkar. All Deans, Heads of Departments (H.O.Ds), along with teaching and non-teaching staff, were present at the ceremony.

■ **The ingauration of vehicle**



Inauguration of Quad Bike

The ingauration of vehicle designed and manufactured by team Bramhastra for Quad Bike Design Challenge (QBDC) 7<sup>th</sup> Season 2024 Competition was done by dignitaries on 15<sup>th</sup> August 2024 in College Campus. Members wished all success for the team in the forthcoming competition.

■ **International Collaboration**

**1. Mutual Collaborations between  
KKWIEER and Wrexham University**

The International Facilitation Center of KKWIEER organized an interactive session with officials from Wrexham University, Wales, UK, on "Mutual Collaborations between KKWIEER and Wrexham University" on Thursday, 15<sup>th</sup> August 2024, at 3:30 PM IST. Ms. Karen Jones, Head of International Partnerships, Wrexham University, UK, along with Director Dr. K. N. Nandurkar, Dr. P. K. Shahbadkar, Dr. P. J. Pawar, Dr. R. K. Munje, Dr. A. S. Joshi, and IFC Coordinator Dr. A. S. Patil, were present for the online session. Various options of mutual collaboration were discussed with Ms. Karen Jones.

**2. Mutual Collaborations between  
KKWIEER and University of Lincoln**

The International Facilitation Center of KKWIEER organized an interactive session with Lincoln University Officials, UK related to "Mutual Collaborations between KKWIEER and Lincoln University" on Thursday, 22<sup>nd</sup> August 2024 at 7.00 PM IST. Dr. Faiz Iqbal, Sr. Lecturer, Lincoln University, UK, Director, Dr.K.N. Nandurkar, Dr.P.K. Shahbadkar, Dr. P.J. Pawar, Dr. R. K. Munje, Dr. A. S. Joshi, Prof. V. R Takate and IFC Coordinator Dr. A. S. Patil were present for the said session.

**3. Consulate General Office of  
Netherlands at Mumbai**

The International Facilitation Center of KKWIEER initiated liaison activities with the consulates of various countries. In this regard, IFC Coordinator Dr. A. S. Patil and Prof. Bhushan Patil visited the office of the Consulate General of the Netherlands in Mumbai on Tuesday, 6<sup>th</sup> August 2024, at 3:00 PM. They interacted with Mr. Prasad Parte, Agriculture Advisor at the Netherlands Consulate, and Mr. Arun Thekkedath, Senior Policy Advisor at the Netherlands Innovation network





■ **Visit of Congress Leaders**



Visit of Congress Leaders

Senior Congress leaders of the State including Shri. Nana Patole, Shri. Prithviraj Chavan (Ex-Chief Minister), Shri. Balasaheb Thorat (MLA), Dr. Mrs. Shobhatai Bachhav (MP), Shri. Kunal Patil (MLA) and others visited the institute on 22<sup>nd</sup> Aug. 2024. They were felicitated by Shri. Sameer Wagh. Mr. Swapnil Patil (Our alumnus) was also present on the occasion.

■ **Faculty development program on Mechatronics System Design**



Faculty Development Program

KKWIEER-IDEA Lab successfully completed a six-day faculty development program on “Mechatronics System Design” from 26th August to 31st August 2024. A total of 30 faculty members from various engineering, polytechnic, and science colleges in the Nashik region actively participated in the program. The program aimed to introduce participants to new technologies such as robotics, 3D printing, 3D scanning, laser cutting, PCB designing, PCB milling, and Arduino. It also provided an opportunity for participants to collaborate, build teamwork, and engage in multi-disciplinary fields. Faculty members were trained on various tools, machines, and equipment in the AICTE IDEA Lab by our AICTE IDEA Lab mentors and student ambassadors. Participants used advanced machines to create projects during the program. The faculty development program was coordinated by Dr. S. S. Morade and Prof. P. K. Kavale.

■ **Felicitation of Dr. Shireesh Kedare, Director, IIT Bombay**



Felicitation of Dr. Shireesh Kedare

Dr. K. N. Nandurkar, Director of the institute visited IIT Bombay and felicitated newly appointed Director of IIT Bombay, Dr. Shireesh Kedare on 21<sup>st</sup> August 2024. Dr. S. D. Barahate and Dr. V. S. Patil from Mechanical Engineering department were also present during the meeting. Discussion was held on exploring potential collaboration between IIT Bombay and K K Wagh Engineering Institute. Dr. Shireesh Kedare proposed the signing of a Memorandum of Understanding (MOU) between the two institutions which may cover facilitating student internships at IIT Bombay, joint field projects, opportunities for shared research initiatives, and inviting IIT Bombay professors as resource persons for expert talks, seminars, and workshops.

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### ■ Research Writing Workshop



Session by Dr. Shankar Subramaniam

The R & D Cell of the Institute has organized a highly successful 'Research Writing Workshop' tailored for Researchers, PhD Scholars, Faculty Members, and PG students from 6th August to 8th August 2024. The sessions were expertly led by Dr. Shankar Subramaniam M.E., Ph.D (IIT Madras) who systematically guided participants through the intricacies of writing research papers and proposals. His clear and comprehensive approach left everyone deeply satisfied and more confident in their research writing capabilities. Almost 500+ participants benefitted from his invaluable insights, making this workshop a significant milestone in our academic journey.

### ■ Felicitation of Rushikesh Bhandari



Visit to Purchase House Nashik

Mr Rushikesh Bhandari an Alumnus of Chemical Engineering Department has started the firm "The Purchase House" as the leading Industry E-commerce platform at Nashik in 2017. The Grand Opening Ceremony of New office Named as Revenue Growth Office (RGO) at Mico Circle Nashik was scheduled on 4<sup>th</sup> August 2024. On Behalf of KKWIEER, The Director Dr K. N. Nandurkar, Head of Chemical Engineering Dept. Dr. S. N. Jain and Prof. V. N. Mawal attended the inauguration event. The other KKWIEER alumnimembers working with 'The Purchase House' were also excited to meet the Director and faculty members.

### ■ World Entrepreneurs' Day Celebration



Celebration of World Entrepreneurs' Day

An expert session by Mr. Rushikesh Bhandari on World Entrepreneurs' Day was organized by Entrepreneurship Development Cell and Institution's Innovation Council on 21<sup>st</sup> August 2024, from 10.30 am to 12.00 noon. In this session, Mr. Rushikesh Bhandari shared his Entrepreneur Journey experience and talked about various revenue schemes for startup, challenges to develop new or existing startup. He also shared key activities required to develop startup. Further, he talked about key partners, value proposition, customer segments and outcome relationship. The session was attended by around 90 students from all the disciplines and around 4 faculty members.

### ■ Poster Making Competition



Poster Making Competition

Poster Making Competition was conducted by ISTE student chapter of the Institute on 30<sup>th</sup> August 2024. Chief Guests for the competition were Mrs. Jayashree Deshmukh (Zonal Manager of Bank of India, Nashik), Mr. Shrikant Nikam (Planning Department, Bank of India, Nashik), Mr. Pravin Prajapati (Officer in the Marketing Department, Bank of India, Nashik), Ms. Sukanya Dutta (Officer and Rajbhasha Adhikari, Bank of India, Nashik), Dr. Pramod Shahababkar (T&P Officer), Dr. Shashank Tripathi (Faculty Coordinator), and Mr. Shashikant Khalkar (Accounts Staff). The Poster Making Competition was a remarkable event that showcased the creative talents of our students, with over 140

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participants actively engaging in the competition. Participants were encouraged to explore topics inspired by the transformative role of technology in modern life, highlighting its impact on transportation innovation and advancements in sports. The thought-provoking topics were:

1. Techmarvels of Transportation
2. Elevating Sports Through Technology

The topics highlighted how technology is transforming sports and transportation, making them more efficient, safer, and innovative, enhancing experiences and shaping the future.

■ **Congratulations**



Felicitation of Shri. Vivek Sawant

On August 11, 2024, Dr. K. N. Nandurkar was felicitated by Mr. Vivek Sawant, Chief Mentor of MKCL Mumbai on occasion of his birthday. The event celebrated Dr. Nandurkar's contributions and achievements in his field.

■ **Visit of Dr.K.N.Nandurkar at Purple Hat Institute**



On August 7th, 2024, as part of the promotion for first-year B.Tech admissions, our Director Dr. K.N. Nandurkar was invited for a video recording at Purple Hat Institute, Gangapur Road, Nashik. Upon arrival, Dr. Nandurkar was warmly welcomed by Mr. Mangesh Khaire, Director of Purple Hat Institute, along with the institute's

advisor, Dr. S.N. Kadlag. Following the welcome, Mr. Mangesh Khaire conducted an interview with Dr. Nandurkar. The interview began with Mr. Khaire introducing Dr. Nandurkar and then asking for information about the K.K. Wagh Education Society and the K.K. Wagh Institute of Engineering Education and Research, Nashik

The recorded video podcast was published on YouTube on August 11th, 2024, and the link was shared with students through various social media platforms. Additionally, the video URL was made available on the official website of K.K. Wagh Institute of Engineering Education and Research, Nashik. The video reached approximately 2,500 students.

■ **The Karmaveer Premier League (KPL)**



Opening of Karmaveer Premier League (KPL)

The Karmaveer Premier League Inter-Department Cricket Tournament was organized on 8<sup>th</sup> August 2024 by the Gymkhana department. A total of 12 teams from various departments participated in the tournament. Principal Prof. Dr. K.N. Nandurkar, inaugurated the event. The final cricket match will be played between the Electrical Department and the Electronics and Telecommunication Department.

■ **A counseling seminar for Engineering and Agriculture Admissions**



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A counseling seminar for engineering and agriculture admissions was held on August 8, 2024, at the Karmaveer Raosaheb Thorat Sabhagruh, Gangapur Road, Nashik. Director Dr. K. N. Nandurkar provided an overview of K.K. Wagh Engineering College and discussed future career opportunities in the engineering field. Dr. D.M. Chandwadkar, Dean, Student affairs, Head of the E & TC Department guided the aspirants and their parents regarding the rules and processes for first year engineering admissions. A question-answer session was conducted to clear the doubts of aspirants related to the admission process.

■ **Meeting with Shri. Niranjan Sudhansu (IAS), Director General, YASHADA**



Felicitation of Shri. Niranjan Sudhansu

Dr. K. N. Nandurkar, Director of institute along with Dr. S. Y. Kute, Dr. P. D. Bhamare and Dr. V. S. Patil attended a meeting with Shri. Niranjan Sudhansu (IAS), Director General, YASHADA and Dr. Pravin Gedam, Divisional commissioner on 30<sup>th</sup> August 2024 at the Divisional Administrative Training Institute, Divisional Commissioner Office, Nashik Road, Nashik. Key discussion points in the meeting were ensuring effective and efficient execution of the National Education Policy (NEP) 2020 within higher education institutions, focus on integrating employability aspects into curriculum development to better prepare students for the job market, and promoting a multidisciplinary approach in curriculum design to nurture a holistic educational experience. Shri. Niranjan Sudhansu visited the institute on 30<sup>th</sup> August 2024 and guided Deans and HoDs of different departments. He was felicitated by Hon. Shri. Sameer Wagh, Chairman, KKWES. Shri. Niranjan also visited the AICTE Idea lab of the institute and appreciated the innovative projects taken up by the students.

■ **Memorial Lecture**

A memorial lecture by Dr. Arvind Kumar, a Padma Shri awardee and scientist from TIFR, was organized on August 30th as part of the memorial

A memorial lecture by Dr. Arvind Kumar, a Padma Shri awardee and scientist from TIFR, was organized on August 30th as part of the memorial lecture series held by the K K Wagh Education Society in memory of its former chairman, Hon. Balasaheb Wagh. This was the 15<sup>th</sup> lecture in this series. The event took place at Kurthkoti Shankaracharya Nyas and saw Dr. Kumar delve into the history of science. He discussed the distinctions between modern scientific advancements and ancient scientific wisdom. The session was chaired by Prof. Shamkant Acharya, a renowned Science Teacher in Nashik. The lecture attracted citizens of Nashik, as well as the staff of the K K Wagh Education Society.



■ **Expert Lecture/Seminar/Courses/Workshop Organized:**

The **Computer Engineering Department** organized two key events in August 2024:

- A pre-placement activity titled "Placement Success: Alumni Insights" on August 24, 2024. Alumni speakers included Mr. Suhaan Bhandary, Mr. Prathamesh Gadilohar, Mr. Atharva Bhavsar, and Ms. Prajakta Patil, who shared their experiences and insights on achieving placement success, providing valuable guidance to students preparing for their own placement drives.
- An expert talk on "Design Thinking Process: An Entrepreneurship Point of View" on August 30, 2024. The session was conducted by Mr. Nikhil Deore, Impact Innovation Coach from Digital Impact Square (a TCS Initiative) and Founder of Nashik Innovator's Club. He discussed the design thinking process from an entrepreneurial perspective, offering students insights into innovation and problem-solving in the business world.

These sessions aimed to enhance students' preparation for placements and foster entrepreneurial thinking.

The **Electronics and Telecommunication Engineering Department** organized several informative events in August 2024:

- An online panel discussion on "Scope & Career" continued on page 6





Opportunities in Electronics & Telecommunication Engineering" on August 9, 2024. The panelists included Mr. Ganesh Baviskar, Dr. Shrinivas Mahajan, Mr. A. R. Chandrashekhar, Mr. Sachin Kulkarni, Mr. Archan Oak, and Ms. Akshada Patel, who provided insights on career opportunities in the field.

- An IP Awareness/Training Program under the National Intellectual Property Awareness Mission, conducted by Mr. Kumar Raju, Assistant Controller of Patents & Designs, RGNIIPM, Nagpur, on August 9, 2024. This session aimed to increase awareness about intellectual property rights.
- An expert talk on "Different Types of Cyber Crime" by Mr. Tanmay Dikshit, a Cyber Consultant and Security Researcher from Nashik, on August 16, 2024. He discussed various forms of cybercrime and how to combat them.
- A guidance session on Placement Preparation for Emerson by Ms. Pooja Hiremath, System Engineer at Emerson Export Engineering Center, Nashik, on August 17, 2024. This session focused on helping students prepare for placements at Emerson.
- An expert talk titled "Building the Future: The Art and Science of Entrepreneurship" by Mr. Rohit Bagad, Founder and CEO of Inuxu Digital Media Technologies | Adgebra, Mumbai, on August 31, 2024. The session covered the key aspects of entrepreneurship and innovation.

These events were aimed at enhancing students' technical knowledge, career readiness, and awareness of emerging trends in the industry.

The **Mechanical Engineering Department** organized a series of expert lectures and sessions throughout August 2024, covering diverse topics related to sustainable development, industry trends, and innovative technologies:

- "Bamboo for Sustainable Development" by Mr. Ajit Take on August 2, 2024.
- "Lean Startup & Minimum Viable Business (MVB)" by Mr. Aniket Bagade on August 3, 2024.
- "Modern Measurement Techniques in Industry" by Mr. Manus Dhage on August 8, 2024.
- "Innovation and Start-up Ecosystem Enablers" by Mr. Harshwardhan Deodhar on August 17, 2024.
- "IoT & SCADA System for Industry" by Mrs. Sushma Patil on August 20, 2024.
- "IoT and its Application in Industry 4.0

Environment" by Mrs. Sushma Patil on August 21, 2024.

- "Steam Generators at Thermal Power Plant" by Mr. Suyog Anantrao Zute on August 21, 2024.
- "Evolution of Power Plant Technology" by Mr. Suyog Anantrao Zute on August 22, 2024.
- "Modern Quality Management Approaches" by Mr. Bhaskar Varade on August 23, 2024.
- "Additive Manufacturing" by Dr. Satish Maniyar on August 27, 2024.
- "Design Thinking" by Mr. Vishnu Shejwalkar on August 30, 2024.

These lectures provided students with insights into sustainable practices, cutting-edge technologies, and entrepreneurial thinking, enriching their knowledge in both traditional and modern aspects of mechanical engineering.

The **Civil Engineering Department** organized a series of expert lectures in August 2024 on various technical and professional topics:

- "Stress Management by YOGA" on August 2, 2024, delivered by Er. Pravin Daitkar, Assistant Engineer, PWD, Nashik.
- Guidance for Stress Management for students by Dr. Madhura Suhas Dharane, Medical Officer, District Civil Hospital, Nashik, on August 6, 2024.
- "Architectural Planning and Design" by Ar. Pankti Patel, a professional self-employed architect, on August 10, 2024.
- "Planning and Construction of Steel Buildings" by Er. Parth Bhavsar, CEO, Sai Vatsal Structural Consultant, Nashik, on August 20, 2024.
- "Universal Human Values" by Er. Dattatraya Dada Aher, Ex-Principal, Government ITI, on August 21, 2024.
- "Architectural Planning and Design" by Devdatta Charudatta Gokhale, Director, Gokhale's Advanced Training Institute, Jalgaon, on August 16, 2024.
- "Use of GIS in Air Pollution Control" by Vikrant Nikam, Director, Albedo Foundation, on August 23, 2024.
- "Quality Assurance and Quality Control in Highway Construction" by Er. Devendra Marode, Senior Manager, Ashoka Buildcon Limited, Nashik, on August 24, 2024.
- "Advanced Concrete Technology" by Dr. Sudhir Somnath Pathak, Structural Consultant, on August 26, 2024.
- "Construction Safety Audit" by Er. Harshad

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Bhamare, Director, Nabhangan Engineers, on August 27, 2024.

- "Numerical Simulation of Slope Stability using PLAXIS Software" by Dr. Rohan R. Deshmukh, Geotechnical Solution Engineer, Bentley System India Pvt. Limited, on August 28, 2024.

The **Chemical Engineering Department** organized a variety of expert lectures and career guidance sessions in August 2024:

- "Universal Human Values" by Er. Dattatraya Dada Aher, Ex-Principal, Government ITI, on August 21, 2024.
- "Career Guidance" by Mr. Niraj Kulkarni on August 3, 2024.
- "Higher Study and Career Opportunities after PG" by Ms. Vaishnavi Khetal on August 5, 2024.
- "Role of Chemical Engineer in Sales and Marketing Fields" by Mr. Ahmed Khambati on August 6, 2024.
- "Industries and Scope for Chemical Engineering" by Mr. C. R. Mohikar on August 8, 2024.
- "Career Guidance for Higher/Abroad Education" by Ms. Shalini Menon on August 13, 2024.
- "Chemical Engineers' Roles in Software Fields" by Mrs. Anjali Patil on August 24, 2024.
- "Career Opportunities in Chemical Engineering" by Mr. Rahul Patil on August 31, 2024.
- A Panel discussion on "Scope and Career Opportunities in Chemical Engineering" on 10<sup>th</sup> August 2024. The event featured notable alumni, including Mr. Sandeep Shukla, Mr. Saurabh Todi, Miss Bhagyashree Shelke, and Miss Swapnali Wagh, who provided valuable guidance to admission-aspirant students. The panelists shared their insights on the diverse opportunities available in the field of chemical engineering, helping students understand potential career paths and the industry's future prospects.

The **Department of Information Technology** organized several expert sessions and discussions in August 2024:

- An expert session on "Current Trends in IT" by Mrs. Shraddha Sidhaye, Application Consultant at IBM, Pune, on August 9, 2024. She provided insights into the latest advancements and trends in the IT industry.
- A panel discussion on "Scope and Opportunities in the IT Sector" on August 13,

2024, by Mr. Saroj Panda, Senior Application Consultant, Capgemini, Sweden, Ms. Shraddha Baheti, Senior QA Engineer, Cloud Software Group, Pune, Ms. Pranjal Nankar, Analyst Developer, TIAA, Pune, Mr. Prateek Jain, IT Analyst, Tata Consultancy Services, Pune, Mr. Aditya Chakor, Lead Analyst, CGI, Pune. The panelists shared their experiences and provided guidance on career opportunities in the IT field.

- An expert session on "Strategies for Excelling in Competitive Exams and Mastering Finance in Engineering" by Mr. Harshad Bele, Director of Business Development and HRM at S.S. Enterprises, Nashik, on August 23, 2024. This session focused on preparing for competitive exams and managing finances during engineering education.
- An expert lecture on "Digital Social Marketing" by Mrs. Shraddha Utkarsh, Director and CEO of Newpoint Solutions Pvt. Ltd., on August 31, 2024. The session covered the strategies and tools for digital marketing in the modern business environment.

These events provided students with knowledge about IT trends, career opportunities, exam preparation strategies, and digital marketing, enriching their academic and professional development.

The **Department of Robotics & Automation** organized several expert sessions and discussions in August 2024:

- Expert lecture of Mrs. Shushma Patil Sr. Engineer, Cognifront, Nashik Sub-Data Analytics on 2<sup>nd</sup> August 2024.
- Expert lecture by Mr. Shubham Bhavsar, Data Scientist, Solyteic, Nashik Sub-Business Analytics on 3<sup>rd</sup> August 2024.
- Expert lecture by Mr. Amol H. Tayade, System Analytics, Cognizant, Pune Sub-Business Analytics on 14<sup>th</sup> August 2024.
- Expert lecture on "Sub- Need of electronics in Robotics & Automation" by Mr. Sanjay A. Chaudhari, Director, Electronics study centre, Nashik on 14<sup>th</sup> August 2024.
- Expert lecture by Dr. Ravikumar Kurhade, Chief, Learning & Organization Development, Shree learning solutions Sub-Finite element analysis on 27<sup>th</sup> August 2024.

■ **Expert Lecture/Seminar/Courses/Workshop Attended:**

- Computer Engineering Faculty P. P. Vaidya, J. R. Mankar, M. P. Mahajan attended International FDP on AI for sustainable

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Development by VIIT, Pune from 5<sup>th</sup> to 9<sup>th</sup> August 2024.

- Chemical Engineering Faculty Dr. Yennam Rajesh attended Advances in Renewable Energy Technologies for Sustainable development, organized by BVCOE, Navi Mumbai from 29<sup>th</sup> July 2024 to 2<sup>nd</sup> August 2024.
- Information technology Department staff Prof. Poonam Patil completed one week international short term training program on “Cloud Security: Emerging threats and Cyber Threats intelligence” organized by Symbiosis Skill and Professional University, Pune from 12<sup>th</sup> to 17<sup>th</sup> August 2024. Prof. Poonam Patil completed Innovation Ambassador (IA) training Advanced Level conducted online by MoE's Innovation Cell & AICTE during the IIC calendar year. Prof. Rupali Bora, Prof. Smita Chaudhari and Prof. Yogita Khairnar attended one week International Faculty Development Program on “AI for Sustainable Development” from 5<sup>th</sup> to 9<sup>th</sup> August 2024, organized by VIIT, Pune and IEEE Region 10 Humanitarian Technology activities, IEEE Pune Section, IEEE Pune Section SIGHT group, IEEE Pune section SIG on Energy and Environmental Engineering and IEEE VIIT Student Branch.
- Computer Engineering Faculty P. P. Vaidya, J. R. Mankar, Chemical Engineering Faculty Prof. Tejmal Mahale and Information Technology Faculty Prof. Rupali Bora, Prof. Poonam Patil, Prof. Yogita Khairnar, Prof. Pragati Pandit and Prof. Nagama Kazzi attended 'Research Writing Workshop' organized by the Research and Development Cell of K K Wagh Institute of Engineering Education and Research from 6<sup>th</sup> to 8<sup>th</sup> August 2024.

■ **Training & Placement :**

Company Name	Department Name	Placed Students
INOX Air Products Private Limited, Mumbai	Chemical Engineering	03

■ **Industrial Visit**

Sr. No.	Company Name	Department	Class	Date
1	Parle Pvt. Ltd., Igatpuri	IT	SY	29/08/2024
2	Mungi Engineers Pvt. Ltd	Mechanical Engineering	SY	26/08/2024

■ **Abstracts of papers presented during August 2024**

**Title: Smart Biomass Management Using AI and Time Series Analysis**

(Author: Ms. Chaitali Patil, Conference:

4<sup>th</sup> National Conference on Innovation in Engineering and Technology 2024 (NCIET2024))

**Abstract:** Biomass resource management involves a multistage process where biowaste is transported from harvesting sites to depots for conversion into pallets, and subsequently to refineries for biofuel production. This process faces significant challenges in resource allocation, logistics efficiency, cost management, and environmental impact. Hence an experiment to integrate technology into the process was implemented. By leveraging historical biomass data and vital environmental factors, predictive models from advanced AI and time series analysis techniques were integrated to analyze temporal patterns and make accurate biomass forecasts for efficient resource utilization. Interpolation techniques and Dijkstra's Algorithm were applied to calculate optimal distances between harvesting sites, depots, and refineries, ensuring efficient logistics and minimizing resource wastage. To empower decision-makers, statistical dashboards were integrated with Google Maps, providing visual aids to decode geospatial patterns and identify efficient distribution pathways. Additionally, the study aligned with broader sustainability goals, contributing to the generation of clean and renewable energy.

**Keywords:** Time series analysis, Transportation cost reduction, Biomass forecasting, Geospatial visualization, Environmental sustainability, Distribution network.

■ **Other Activities:**

- Dr. K. N. Nandurkar & Dr. P. B. Kushare visited Nath Ganga office, Gangapur road and attended the session on 'Gurukul concept' presented by Shri. Santosh Borade on 23 August 2024.
- **FY CAP Reporting of AY 2024-25**  
CAP Round I was held from 16 to 18 August 2024. Out of the 1011 students who were allotted the institute, 347 students reported in CAP Round I. CAP Round II was held from 27 to 29 August 2024. Out of 1056 students allotted to our institute, 324 students reported in CAP Round II.

Prof. Dr. K. N. Nandurkar  
PRINCIPAL

