



K.K. Wagh Education Society's

K.K. Wagh Polytechnic, Nashik.

Civil Engineering Department

Aavartan

TECHNICAL NEWS LETTER

Vol.: 6, Issue:1

AY 2025-26

▶ Participation in Eco-Friendly Ganesha 2025 Idol Making Workshop :

Students of the Civil Engineering Department actively participated in the Eco-Friendly Ganesha Idol Making Workshop organized by K. K. Wagh Education Society on 17th August 2025. The workshop aimed to promote environmental sustainability and encourage eco-conscious celebrations during the Ganesh Festival. Participants were trained to create eco-friendly Ganesha idols using natural and biodegradable materials such as clay, plant-based colors, and organic decorative elements. The session highlighted the environmental concerns associated with traditional Plaster of Paris (POP) idols and emphasized the importance of adopting sustainable alternatives. Through hands-on activities, students developed practical skills in idol making while enhancing their creativity and awareness of environmental conservation. The workshop was organized in collaboration with the Smart Management Interface Local Exchange (SMILE) and the SPINACH Centre of Excellence. The initiative successfully fostered.



▶ Expert lecture by Er. Abhishek Mahale :

On March 3rd, 2025, a specialized lecture entitled "Geotechnical Engineering" was held. Er. Mr. Abhishek Mahale, an Assistant Engineer (Grade II) from the Water Resource Department in Nashik, shared valuable insights regarding Geotechnical Engineering and its significance.



▶ Expert lecture by Mr. Aniket Jintendra Agrawal :

An expert lecture focusing on the emerging trends in Civil Engineering was held on October 6, 2025, for third-year Civil Engineering students, presented by Er. Mr. Aniket Jintendra Agrawal from Grow High Engineers, Nashik. He elaborated on the latest advancements and contemporary practices within the Civil Engineering sector, while also raising awareness among students about new technologies such as Building Information Modeling (BIM), Green Building, Smart Cities, Prefabrication, and Sustainable Construction.



▶ Expert lecture by Mr. Anil Kadhane :

Expert Lecture on Entrepreneurship & Innovation as Career Opportunities in Civil Engineering for Second & Third Year Civil Engineering students was conducted on 06th Jan 2026 by Mr. Anil Kadhane, Founder & Principal Structural Engineer, AK Structural Designer, Nashik. He gave information on concept of entrepreneurship and its importance in the field of Civil Engineering. Additionally, it is important to raise awareness among students about the diverse self-employment and business opportunities that exist in fields such as construction, consultancy, surveying, estimation, material testing, and project management.



► **Counselling Session for TYCE Students by Dr. Ms. Pratibha M. Chandak :**

On 20th January, 2026, an expert lecture on the topic “From Diploma to Dream Career for TYCE Students” was organized. Dr. Ms. Pratibha M. Chandak, in-house Counselor, K. K. Wagh Engineering and Research Institute, Polytechnic and Pharmacy, Nashik. guided our TYCE students regarding meaning of MAP (Mental, Academic, and Physical wellness) in life. engineer.



► **Counselling Session for SYCE Students by Dr. Ms. Pratibha M. Chandak :**

On 15th July, 2025, an expert lecture on the topic “Counselling Session for SYCE Students” was organized. Dr. Ms. Pratibha M. Chandak, in-house Counselor, K. K. Wagh Engineering and Research Institute, Polytechnic and Pharmacy, Nashik. guided our Second year students.

► **Study Visit at Biomedical Waste Treatment Plant, NMC, Nashik :**

As per curriculum of Solid Waste Management subject, students have to visit Biomedical Waste Treatment Plant to understand the procedure & waste management of Biomedical Waste Treatment Plant. The study visit was carried out on 25 March 2026 at Biomedical Waste Treatment Plant, Nashik Municipal Corporation, Nashik.



► **Counselling Session for FYCE Students by Dr. Ms. Pratibha M. Chandak :**

On 23rd August, 2025, an expert lecture on the topic “Role of Counsellor to balance MAP for FYCE Students” was organized. Dr. Ms. Pratibha M. Chandak, in-house Counselor, K. K. Wagh Engineering and Research Institute, Polytechnic and Pharmacy, Nashik. guided young students on how to maintain a balance between Mental, Academic, and Physical wellness during their studies.



► **Expert lecture by Er. Dattatraya Aher :**

Expert Lecture on Universal Human Values for Second Year Civil Engineering students was conducted on 27th February 2026 by Er. Dattatraya Aher (DEE, AMIE) Ex. Principal Gov ITIs, Nashik. He explained the importance of universal human values in personal and professional life.



▶ Drone Workshop :

The Civil Engineering Department organized the Workshop on “Drone Uses in Civil Engineering” with collaboration with Fly Lab Solution Pvt. Ltd. for SYCE & TYCE Students to know the modern application of drones in Civil Engineering held on 28/08/2025 to 30/08/2025 at K. K. Wagh Polytechnic, Amrutdham, Nashik.

▶ Expert lecture by Mr. Sushant Girnarkar :

Expert Lecture on Bridging the Gap between Theory and Practical Knowledge of Civil Engineering field for Second Year Civil Engineering students was conducted on 18th March 2026 by Mr. Sushant Girnarka, Director, New Engineering Mastery, Nashik. He gave information on the importance of practical knowledge along with theoretical concepts in Civil Engineering.



▶ Paper Presentation Competition :

K K Wagh Polytechnic Nashik organized a state level event called “CORETECH 2K26”. Under this event, the Civil Department of K K Wagh Polytechnic Nashik conducted a Paper Presentation competition & Digital Presentation competition through the department's CESA Association.

▶ Expert lecture by Mr. Aniket Jintendra Agrawal :

Expert Lecture on Estimating Costing and Valuation for Second Year Civil Engineering students was conducted on 07th March 2026 by Mr. Aniket Jintendra Agrawal, Grow High Engineers, Nashik. He explained the Estimating Costing and Valuation of Frame Structure.



▶ **Expert lecture by Mr. Sagar Marathe :**

An expert lecture focused on Competitive Exams in civil engineering was held on 10th March 2026 for first and third-year civil engineering students, presented by Mr. Sagar Marathe, Project Manager at Bella Casa, Nashik. He informed the students about the various competitive exams accessible to holders of a civil engineering diploma, including SSC-JE, RRB-JE, JE/AE, MPSC, UPSC, GATE, and other government sector assessments.



▶ **Expert lecture by Er. Abhishek Mahale :**

On September 20th, 2025, an expert lecture titled "Water Resource Engineering" was conducted. Er. Mr. Abhishek Mahale, Assistant Engineer (Grade II) from the Water Resource Department in Nashik, provided significant insights into Water Resource Engineering and its structures.



▶ **Field Visit to Building Under Construction at Kamal Villa, Kamal Nagar, Hirawadi, Nashik :**

▶ **Expert lecture by Mr. Sushil Kumar :**

An Expert Lecture on "Personality Development and Career Counselling" for Third Year Civil Engineering students was conducted on 22nd September 2025 by Mr. Sushil Kumar, Head of Examination Department, Cambridge Examination Officer, College Board Coordinator, Cambridge English Coordinator, and Career Advisor at Amrutvahini NIDO International School, Sangamner. During the session, he explained the importance of personality development for achieving personal and professional success. He guided students about communication skills, confidence building, leadership qualities, and professional etiquette required for career growth and success in the engineering field.

A field visit to the Building Under Construction at Kamal Villa, Kamal Nagar, Hirawadi, Nashik, was organized by the Civil Engineering Department of K. K. Wagh Polytechnic, Nashik. During the visit, the site engineer guided the students and provided detailed information about the various stages of building construction, from foundation work to finishing activities. Students observed different structural components such as footings, columns, beams, slabs, staircases, and steel members used in the project. The visit enabled them to correlate the theoretical concepts of RCC and steel structure design with actual construction practices, thereby enhancing their practical understanding of structural engineering and building construction techniques.



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Maharashtra 422003, India
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Tuesday, 24/02/2026 10:30 AM GMT +05:30

► **Field Visit at RMC Plant, Designer Concrete Pvt. Ltd, Nashik :**

According to the curriculum for the Concrete Technology subject, students are required to visit an RMC Plant to gain a comprehensive understanding of the processes involved in batching, mixing, transporting, and delivering concrete in an organized manner. Additionally, RMC plants utilize automated machinery and computerized batching systems, which assist students in grasping contemporary industry practices. This visit took place on September 1st, 2025, at Designer Concrete Pvt. Ltd, located in Nashik.



Nashik, Maharashtra, India
Plot No- D-35, Street No:b-11, Opp. Pragati Udhog, Midc, Satpur
Colony, Nashik, Maharashtra 422007, India
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**Institution's
Innovation Council**
(IIC ID - IC202014430)

► **Field Visit at Sewage Treatment Plant :**

A field visit to the Agar Takli Sewage Treatment Plant was organized by the Civil Engineering Department of K KWagh Polytechnic, Nashik. During the visit, the plant engineer guided the students and explained the various components and working processes involved in sewage treatment and disposal. Students observed different treatment units and understood the characteristics of wastewater and the treatment methods required for safe disposal. They also learned about the construction methods, planning, and operational procedures of various handling units used in sewage treatment plants. The visit helped students understand pollution control measures and modern methodologies adopted for effective wastewater management and environmental protection.



Nasik, Maharashtra, India
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Nagar, Lokhande Mala, Nashik Road, Nashik, Maharashtra
422004, India
Lat 19.985105° Long 73.828692°
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422006, India
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► **Field Visit at Bricks and Wall developers, Kailas Nagar, Nashik :**

According to the curriculum for the Civil Engineering Workshop subject, students are required to visit an Construction Site to gain a Students understood the basic building construction processes carried out at the construction site. Students gained practical knowledge of various stages of construction such as excavation, foundation, masonry, concreting, plastering, and finishing works. This visit took place on September 22nd, 2025, at Bricks and Wall developers, Kailas Nagar, Nashik.



► **Field Visit at Solid Waste Treatment Plant, Vilholi, Nashik :**

Solid waste management and treatment play a vital role in maintaining public health, environmental sustainability, and hygiene. With this objective, the students of the Civil Engineering Department of K. K. Wagh Polytechnic, Nashik, visited the Solid Waste Treatment Plant at Vilholi, Nashik. The field visit provided valuable exposure to various solid waste treatment and disposal processes, helping students understand the importance of scientific waste management practices. It also enhanced their awareness of the technologies, treatment protocols, and sustainable approaches required for effective solid waste management.



► **Expert lecture by Mr. Sunil Bhor :**

On September 20th, 2025, an expert lecture titled "Inspiring Session on Start-up and Innovation" was organized on the occasion of National Youth Day. The session was delivered by Sunil Bhor, Past National President of Practising Valuers Association of India, & Owner of Sunil Bhor and Associates, Nashik. He provided valuable insights into the concepts of entrepreneurship, start-ups, and innovation, highlighting their significance in the fields of engineering and technology. The lecture emphasized the importance of creativity, problem-solving abilities, and innovative thinking for professional development and career success. The session inspired students to explore entrepreneurial opportunities and develop an innovative mindset to address real-world challenges effectively.



► **Traffic Volume Study Visit at Amrutdham, Nashik :**

As a part of the curriculum of the Highway Engineering subject, a Traffic Volume Study was conducted to provide students with practical exposure to traffic flow analysis and highway engineering practices. The study visit was organized on 30th September 2025 at Amrutdham, Nashik. Through this activity, students gained hands-on experience in collecting, recording, and analyzing traffic data, thereby enhancing their understanding of traffic characteristics, road user behavior, and the importance of traffic surveys in highway planning and design.



► **Field Visit at Vermicomposting Treatment Plant, Mahatma Nagar, Nashik :**

A field visit to the Vermicomposting Treatment Plant at Mahatma Nagar, Nashik, was organized by the Civil Engineering Department of K. K. Wagh Polytechnic, Nashik. The students were guided by Mrs. Supriya Agaste, Proprietor of the Vermicomposting Treatment Plant, who explained the various processes involved in vermicomposting and solid waste management. During the visit, students gained knowledge about different sources of solid waste generation, methods of waste collection and segregation, and the principles and benefits of vermicomposting as an eco-friendly waste treatment technique. The visit enhanced their understanding of sustainable solid waste management practices and their role in environmental conservation.



► **Field Visit at Belsare Construction :**

A field visit to the Building Under Construction at Krishna Nagar, Old Adgaon Naka, Nashik, was organized for First Year Civil Engineering (FYCE) students by the Civil Engineering Department of K. K. Wagh Polytechnic, Nashik. During the visit, the site engineer guided the students and explained the purpose, materials, and methods used in plastering works. Students observed different types of plaster, surface preparation techniques, and finishing procedures adopted at the construction site. The engineer also provided information about various painting materials, painting methods, and the sequence of painting operations followed in building construction. The visit helped students gain practical knowledge of finishing works and correlate the concepts learned in the Building Materials and Construction subject with actual site practices.



► **Field Visit at Go Green Construction Solution Pvt. Ltd. :**

As a part of the curriculum for the subject Entrepreneurship Development and Start-up, students are required to visit an AAC (Autoclaved Aerated Concrete) block manufacturing plant to understand the production process, business operations, and real-time industrial working environment. To fulfill this objective, the Civil

Engineering Department of K. K. Wagh Polytechnic, Nashik, organized a field visit to Go Green Construction Solution Pvt. Ltd., Chitegaon, Niphad, Nashik. The visit provided students with an opportunity to observe the manufacturing process of AAC blocks, quality control practices, and modern construction material production techniques. This industrial exposure enhanced their practical knowledge of construction materials, manufacturing technologies, and entrepreneurial opportunities in the construction industry.



► **Expert lecture by Mr. Vivek Borate :**

An expert lecture on “Motivation for Start-ups in Emerging Trends in Civil Engineering” was organized on October 6th, 2025, for Third Year Civil Engineering students. The session was delivered by Mr. Vivek Borate, Advisor and Chief Mentor, Grow High Engineers, Nashik. During the lecture, he provided valuable insights into the latest advancements and emerging trends in the Civil Engineering industry. He highlighted the significance of innovation, entrepreneurship, and start-up opportunities in the sector while creating awareness about modern technologies such as Building Information Modeling (BIM), Green Buildings, Smart Cities, Prefabrication, and Sustainable Construction. The session motivated students to explore entrepreneurial ventures and adopt innovative approaches to address future challenges in the construction and infrastructure industry.



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► **IBM Skill Build Boot Camp Program :**

The Training and Placement Cell of K. K. Wagh Polytechnic, Nashik, organized a 5-Day IBM SkillBuild Boot Camp Program from 04/02/2026 to 07/02/2026, in which students from the Civil Engineering Department actively participated. The program provided students with valuable exposure to industry-relevant skills, emerging technologies, and professional development practices. Through interactive sessions and hands-on activities, students enhanced their technical knowledge, employability skills, and career readiness, thereby preparing them for future academic and professional opportunities

► **Expert lecture by Mrs. Prajakta Joshi :**

An online expert lecture on “Basics of Entrepreneurship and Its Awareness” was organized on September 20th, 2025, for First Year and Third Year Civil Engineering students under the MSBTE-COEP Bhau Institute Program. The session was conducted by Prajakta Joshi. During the lecture, she introduced students to the fundamental concepts of entrepreneurship, innovation, and start-up culture. The session highlighted the importance of entrepreneurial thinking, opportunity identification, and skill development for creating successful ventures. Students also gained awareness about the entrepreneurial ecosystem, available support mechanisms, and the role of entrepreneurship in personal and professional growth.



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Friday, 06/10/2025 10:57 AM GMT +05:30

VISION

Department of Civil Engineering striving to produce skilled diploma Civil Engineers by providing scientific and technical education useful to the Construction Industry and the Society.

MISSION

To provide a platform for students to develop skills, knowledge in various aspects of Civil Engineering.

► **Entrepreneurship Awareness Program (EAP) :**

K K Wagh Polytechnic Nashik Training and Placement Center organized an Entrepreneurship Awareness Program (EAP) in which students from the Civil Engineering Department participated.

EDITOR

Mr. Prashant Vasudev Suryawanshi
M.E.Construction Management

LECTURER

Civil Engineering Department of
K. K. Wagh Polytechnic, Nashik

