



JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)
Accredited by NAAC with 'A+' Grade



DEPARTMENT OF CIVIL ENGINEERING

Annual Report

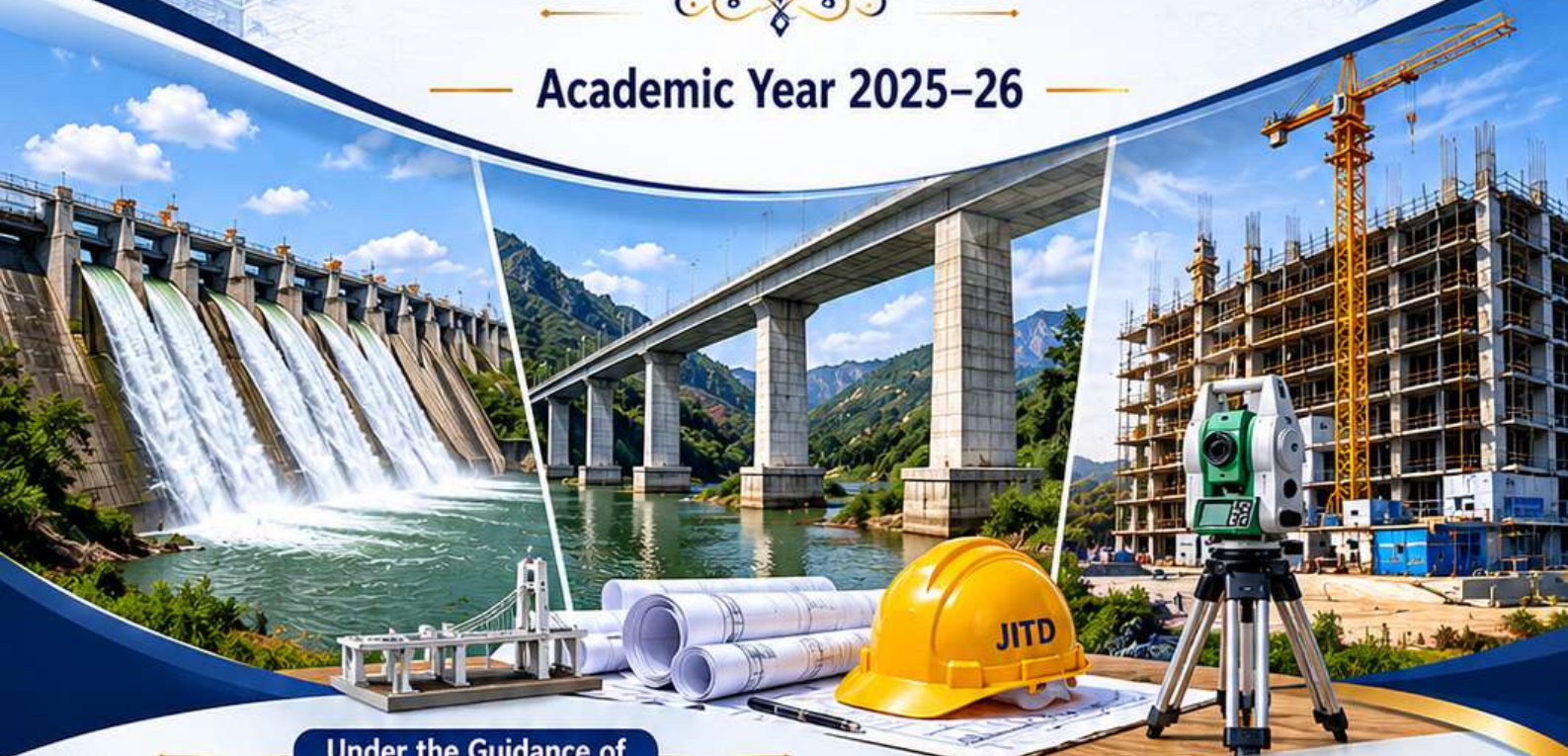
OF THE

SHILANYAS

Civil Engineering Students' Forum



Academic Year 2025-26



Under the Guidance of



Dr. Ganesh D. B.
Principal & Director



Dr. Rahul Patil
Professor & Head
Department of Civil Engineering



Forum Coordinator

Mr. Bharath H. M.

SHILANYAS

Civil Engineering Students' Forum

Department of Civil Engineering
Jain Institute of Technology, Davanagere

Engineers Build the Nation – Innovators Shape the Future

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VISION AND MISSION OF INSTITUTE

Vision:

To develop technically skilled, globally competitive, and socially responsible engineers and entrepreneurs rooted in human values.

Mission:

- **Quality Education:** Delivering innovative education to create technologically proficient engineers.
- **Research & Development:** Advancing science and technology to meet societal needs.
- **Professionalism:** Cultivating ethical, multicultural, and capable industry professionals.

VISION AND MISSION OF DEPARTMENT

VISION:

To develop Civil Engineering professionals who are Technically Competent, Ethical and Environmental friendly, to create a better society.

MISSION:

- To produce quality civil engineers, who are competent, disciplined and good in team building as well as in meeting dynamic societal needs.
- The department aims to be one of the best places for learning, by imparting knowledge with a strong conceptual foundation coupled with practical insight to meet the global business changes.
- To provide conducive environment where students can transform into exemplary professionals of high ethics.

NSS Educational and Awareness Visit to Bathi Lake and Plastic Manufacturing Industry

1. Introduction

The Department of Civil Engineering under its forum "**Shilanyas**" organized a **One-Day NSS Educational and Awareness Visit** on **12th May 2026** for the students of **4th Semester Civil Engineering**. The visit was planned to provide students with practical exposure to environmental conservation, water resource management, and industrial operations. The program aimed to enhance students' understanding of sustainable environmental practices and industrial processes through experiential learning.

2. Details of the Event

The NSS team, accompanied by faculty coordinators, visited **Bathi Lake** as the first destination. Students observed the lake ecosystem and learned about the significance of water bodies in maintaining ecological balance. Discussions were held on lake conservation, environmental protection, water resource management, and the importance of maintaining cleanliness in and around water bodies.

The second phase of the visit included an industrial tour to a **small-scale plastic cover manufacturing industry at Bada Cross**. During the visit, students were introduced to the complete manufacturing cycle, including raw material handling, production processes, machinery operations, packaging techniques, and workplace management. The industry personnel explained the importance of safety precautions, quality control measures, and recycling practices adopted in plastic manufacturing.

The visit was successfully coordinated by **Mrs. Divya K** and **Prof. Raghavendra H. S.**, Department of Civil Engineering.



3. Objectives of the Visit

- To create awareness about environmental conservation and protection of water resources.
- To provide practical exposure to industrial manufacturing processes.
- To understand the importance of cleanliness and sustainability in the environment.
- To familiarize students with machinery operations and workplace safety practices.
- To bridge the gap between classroom learning and real-world applications.

4. Outcomes

- Students gained practical knowledge about lake ecosystems and water resource conservation.
- Enhanced awareness regarding environmental sustainability and community responsibility.
- Improved understanding of plastic cover manufacturing processes and industrial operations.
- Exposure to workplace safety measures, quality control practices, and recycling techniques.
- Strengthened the ability of students to relate theoretical concepts with practical field applications.
- Encouraged experiential learning and increased awareness of industrial and environmental challenges.

5. Conclusion

The NSS Educational and Awareness Visit was highly informative and successful in achieving its intended objectives. The program provided valuable insights into environmental conservation and industrial practices, enabling students to broaden their practical knowledge and develop a better understanding of sustainable development and industrial management.

Farewell Function for Final Year Civil Engineering Students

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology, organized a **Farewell Function** under the banner of the departmental forum "**Shilanyas**" to bid a warm and heartfelt farewell to the outgoing final-year students. The event served as a platform to celebrate the achievements, memories, and contributions of the graduating batch while wishing them success in their future endeavors.

The program brought together students, faculty members, alumni, and distinguished guests to make the occasion memorable and meaningful. The event reflected the strong bond shared among the students and faculty members of the department.

2. Details of the Event

The farewell function was graced by **Sri Vinay Kumar, Assistant Executive Engineer (AEE), Rural Water Supply and Sanitation Department (RWSSD), Davanagere**, as the **Chief Guest**. The program was further enriched by the presence of **Ms. Samhitha R. G., Assistant Engineer (AE), Water Resources Department, Government of Karnataka**, who attended as the **Alumni Invitee**.

During the event, the guests addressed the students and shared their professional experiences, encouraging the graduates to pursue their careers with dedication, integrity, and confidence. Faculty members and junior students expressed their appreciation and best wishes to the outgoing batch through speeches and interactive sessions.

The program featured various cultural performances, fun-filled activities, games, and memory-sharing sessions, creating an atmosphere of joy, gratitude, and nostalgia. The graduating students reflected on their journey in the department and expressed their gratitude to the faculty and their peers for their support and guidance throughout their academic life.



3. Objectives of the Event

- To bid a formal farewell to the outgoing final-year students.
- To celebrate the academic journey and achievements of the graduating batch.
- To strengthen the bond between juniors, seniors, alumni, and faculty members.
- To motivate students through interactions with industry professionals and alumni.
- To create lasting memories and inspire students for their future careers.

4. Outcomes

- The event provided an opportunity for students to reflect on their academic journey and achievements.
- Students received valuable career guidance and motivation from the chief guest and alumni invitee.
- Enhanced interaction among students, faculty members, and alumni, strengthening professional and personal relationships.
- Fostered a sense of belonging, gratitude, and departmental pride among students.
- Created memorable experiences and encouraged students to confidently pursue higher education and professional careers.

5. Conclusion

The Farewell Function was successfully organized and served as a memorable occasion for the graduating students. The event celebrated their accomplishments, cherished memories, and aspirations while inspiring them to embark on the next phase of their lives with confidence and determination. The Department of Civil Engineering extended its best wishes to the outgoing batch for a successful, prosperous, and fulfilling future.

"Every ending marks the beginning of a new journey."

Participation and Paper Presentation at National Conference – FCE: DDE 2026

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology, actively encourages students to participate in technical and research-oriented activities that enhance their academic and professional growth. As part of this initiative, students of the department participated and presented technical papers at the **National Conference on "Future of Civil Engineering: From Design to Digital Execution (FCE: DDE 2026)"**, organized by **Jain (Deemed-to-be University), Bengaluru**, on **8th May 2026**.

The conference served as a valuable platform for students to showcase their innovative ideas, research capabilities, and technical expertise in various emerging areas of Civil Engineering.

2. Details of the Event

Students from the Department of Civil Engineering enthusiastically participated in the conference by presenting technical papers on contemporary topics and emerging trends in the field of Civil Engineering. Through their presentations, students demonstrated their understanding of modern engineering concepts, sustainable practices, digital technologies, and innovative solutions to current engineering challenges.

The conference brought together academicians, researchers, industry professionals, and students from various institutions across the country. The event provided opportunities for knowledge sharing, technical discussions, and networking with experts from academia and industry.

Participation in such a prestigious national-level conference enabled students to gain exposure to recent developments in Civil Engineering and understand the practical applications of research and innovation in the profession.



3. Objectives of the Event

- To promote research culture and technical innovation among students.
- To provide a platform for presenting research findings and technical ideas.
- To enhance students' communication, presentation, and analytical skills.
- To expose students to emerging trends and advancements in Civil Engineering.
- To encourage interaction with academicians, researchers, and industry experts.
- To strengthen students' confidence and professional competencies.

4. Outcomes

- Students gained valuable experience in preparing and presenting technical papers at a national-level conference.
- Enhanced understanding of current trends, innovations, and digital technologies in Civil Engineering.
- Improved communication, presentation, and technical writing skills.
- Increased confidence in interacting with academicians, researchers, and industry professionals.
- Strengthened research aptitude and encouraged students to pursue further technical and scholarly activities.
- Provided exposure to diverse perspectives and best practices in Civil Engineering education and industry.
- Enhanced the reputation of the department through active participation at a national-level academic event.

5. Conclusion

The participation of Civil Engineering students in the National Conference "**Future of Civil Engineering: From Design to Digital Execution (FCE: DDE 2026)**" was a significant academic achievement for the department. The event provided an excellent opportunity for students to showcase their talents, exchange knowledge, and gain professional exposure. The Department of Civil Engineering appreciates the efforts of all participating students and congratulates them for representing the institution with dedication and excellence at the national level.

The Management, Principal, Head of the Department, and faculty members extend their heartfelt congratulations to all participants and encourage them to continue contributing to research, innovation, and academic excellence.

Achievement in INDIA DESIGN WEEK – Revit Software Competition

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology, continuously encourages students to participate in technical competitions and industry-oriented events to enhance their professional skills and practical knowledge. As part of this commitment, students of the department participated in the **Revit Software Competition** conducted during **INDIA DESIGN WEEK** held at **Coimbatore**.

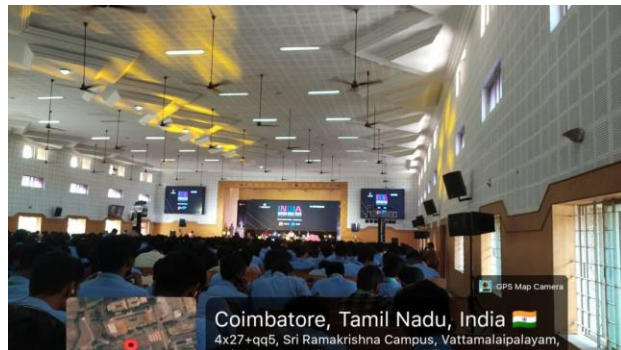
The event provided an excellent platform for students to demonstrate their proficiency in Building Information Modeling (BIM) and Revit software, while competing with participants from various institutions across the country.

2. Details of the Event

The Revit Software Competition was organized as a part of INDIA DESIGN WEEK, a prestigious national-level event that brings together aspiring designers, engineers, and professionals to showcase their technical expertise and innovative capabilities.

Students from the Department of Civil Engineering actively participated in the competition. Out of all the participants, **four students from the department were shortlisted and selected to compete at the national level**. Through their dedication, technical competence, and creative problem-solving abilities, they successfully represented the institution on a prestigious platform.

Among the four participants, **two students emerged as finalists and were awarded Certificates of Recognition** for their outstanding performance. Their achievement highlights the department's emphasis on industry-relevant software skills and practical engineering applications.



3. Objectives of the Event

- To provide students with exposure to national-level technical competitions.
- To enhance proficiency in Revit software and Building Information Modeling (BIM) applications.
- To encourage innovation, creativity, and technical excellence among students.
- To develop problem-solving and design skills through practical challenges.
- To promote industry-oriented learning and professional development.

4. Outcomes

- Students gained valuable exposure to a national-level technical competition.
- Enhanced practical knowledge and application skills in Revit software and BIM technologies.
- Improved technical competency, creativity, and confidence in handling real-world design challenges.
- Four students successfully represented the institution at the prestigious event.
- Two students achieved finalist status and received Certificates of Recognition for their exceptional performance.
- Increased awareness among students regarding industry expectations and advanced digital engineering tools.
- Strengthened the department's reputation for promoting technical excellence and innovation.

5. Conclusion

The participation and achievement of Civil Engineering students at **INDIA DESIGN WEEK, Coimbatore**, is a proud milestone for the department. The selection of four students for the competition and the recognition earned by two finalists demonstrate the students' technical capabilities, dedication, and commitment to excellence. The Department of Civil Engineering congratulates the participants for their remarkable achievement and encourages all students to continue pursuing innovation, technical proficiency, and professional growth.

This accomplishment reflects the department's ongoing efforts to nurture industry-ready engineers equipped with modern technological skills and a spirit of innovation.

IPR Awareness and Patent Filing Workshop

1. Introduction

The Research and Development Cell of Jain Institute of Technology (JIT), Davanagere, in association with the Department of Civil Engineering, organized an **“IPR Awareness and Patent Filing Workshop”** on **27th March 2026** at the **APJ Abdul Kalam Seminar Hall**. The workshop was conducted with the objective of creating awareness among students, faculty members, and research scholars about Intellectual Property Rights (IPR) and the significance of patent filing in research, innovation, and technological development.

The program aimed to encourage a culture of innovation and intellectual property protection by providing participants with practical insights into patent drafting, filing procedures, and strategies for safeguarding innovative ideas.

2. Details of the Event

The workshop featured distinguished experts in the field of Intellectual Property Rights:

- **Mr. Vijayakumar Shivpuje**, LLB, Registered Patent Agent and Honorary Advisor, ASSOCHAM IPFC, New Delhi.
- **Ms. Jahnvi Shetty**, M. Pharm, Registered Patent Agent and Business Lead – IP and Strategy, Patlex Business Solutions, Mumbai.

The resource persons delivered informative sessions covering various aspects of Intellectual Property Rights, including types of intellectual property, patentability criteria, patent search techniques, drafting of patent specifications, filing procedures, and strategies for protecting innovations. They also highlighted the role of patents in promoting research, entrepreneurship, and technological advancement.

The workshop witnessed enthusiastic participation from students, faculty members, and research scholars from various departments. The sessions were highly interactive, allowing participants to clarify their doubts and gain practical understanding of the patent filing process.

The program was coordinated by **Dr. Guruprashanth N**. The event received valuable support from **Dr. Rahul Patil**, Head of the Department of Civil Engineering, and was conducted under the guidance of **Dr. Ravi Rayappa**, Dean R&D, **Dr. Prakash K. B.**, Dean Academics, **Dr. Manjappa Sarathi**, Advisor, and **Dr. Ganesh D. B.**, Principal & Director, JIT.



3. Objectives of the Workshop

- To create awareness about Intellectual Property Rights (IPR) among students and faculty.
- To educate participants on the importance of patents in research and innovation.
- To provide practical knowledge on patent drafting and filing procedures.
- To encourage protection of innovative ideas and research outcomes.
- To promote a culture of innovation, creativity, and entrepreneurship within the institution.

4. Outcomes

- Enhanced awareness regarding Intellectual Property Rights and patent protection.
- Improved understanding of patent drafting, documentation, and filing procedures.

- Motivated participants to pursue innovative research and protect their intellectual assets.
- Increased knowledge about commercialization opportunities arising from patented technologies.
- Encouraged faculty members and students to convert research outcomes into patentable innovations.
- Strengthened the institution's research and innovation ecosystem by promoting intellectual property awareness.

5. Conclusion

The **IPR Awareness and Patent Filing Workshop** was highly informative and successful in achieving its objectives. The expert sessions provided participants with valuable knowledge about intellectual property protection and patent filing mechanisms. The workshop inspired students, faculty members, and researchers to focus on innovation-driven research and encouraged them to safeguard their creative ideas through patents.

The event significantly contributed to fostering a culture of research, innovation, and intellectual property awareness within the institution, thereby supporting the vision of developing competent engineers and researchers capable of contributing to technological advancement and societal development.

Autodesk Revit Architecture Training Workshop

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology, in association with the Placement and Training Cell, organized an **ICT Academy Workshop on Autodesk Revit Architecture** for the students of **4th and 6th Semester Civil Engineering**. The workshop was conducted with the objective of equipping students with industry-relevant skills in **Building Information Modeling (BIM)** and enhancing their technical competencies in modern construction and design practices.

As the construction industry increasingly adopts digital technologies, proficiency in BIM tools such as Autodesk Revit has become essential for aspiring civil engineers. The workshop aimed to bridge the gap between academic learning and industry requirements by providing practical exposure to advanced design software.

2. Details of the Event

The workshop focused on providing hands-on training in **Autodesk Revit Architecture**, a widely used BIM software for planning, designing, and managing building projects. Students were introduced to the fundamentals of digital design, architectural drafting, 3D modeling, and project documentation using Revit.

The training sessions included practical demonstrations, guided exercises, and interactive learning activities that enabled students to develop and visualize building models effectively. Participants learned various aspects of BIM-based project development, including creation of architectural elements, model coordination, visualization techniques, and documentation processes.

The workshop was effectively conducted by **Mr. Kiran Kumar M. S.** and **Mr. Harish K. S.**, who provided expert guidance and practical insights into the software's applications in the construction industry. Their interactive teaching approach helped students gain confidence in using Revit for real-world engineering projects.

JGI Arka Educational & Cultural Trust (Regd.)
Jain Institute of Technology, Davanagere
 (A Unit of Jain Group of Institutions, Bangalore)

TRAINING & PLACEMENT CELL
 In Association with
Civil Engineering Department
 Conducting 3 days workshop on
"REVIT ARCHITECTURE TRAINING"

Targeted Audience:
 (4th & 6th sem civil Engineering Students)

Program Trainers
Mr.Kiran Kumar M.S
Mr.Harisha K.S

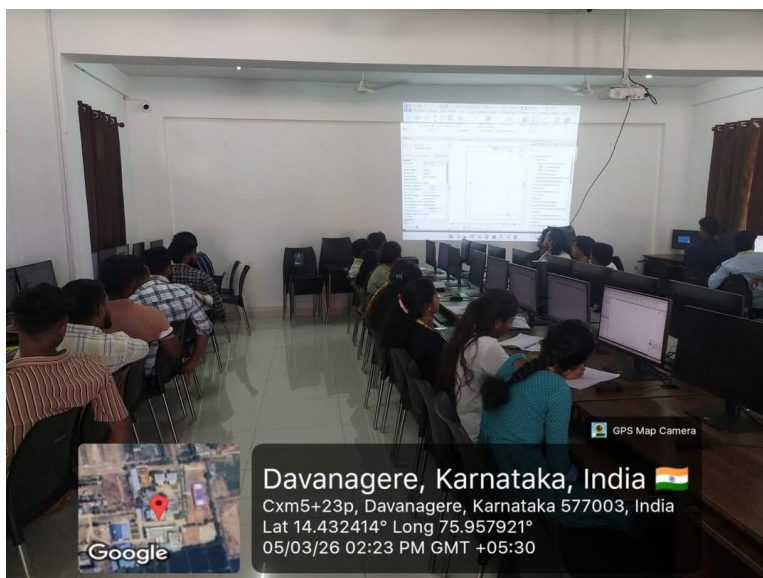
Starts from:
05/03/2026

Revit Architecture is a Building Information Modeling software used for designing and documenting buildings. It is developed by Autodesk and widely used by architects and designers. Revit Architecture helps improve design accuracy, coordination, and project efficiency.

Dr. Prakash M Walavalkar
 Dean (Training & Placement)

Dr. Rahul Patil
 HOD

Dr. Ganesh D B
 Principal & Director



3. Objectives of the Workshop

- To provide students with practical exposure to Autodesk Revit Architecture software.
- To enhance knowledge and skills in Building Information Modeling (BIM).
- To develop competency in digital design, drafting, and 3D modeling.
- To improve students' industry readiness and employability skills.
- To familiarize students with modern construction and project management technologies.
- To bridge the gap between academic learning and industry practices.

4. Outcomes

- Students gained hands-on experience in Autodesk Revit Architecture software.
- Enhanced understanding of Building Information Modeling (BIM) concepts and applications.
- Improved skills in digital drafting, architectural modeling, and project visualization.
- Increased awareness of current industry practices and technological advancements in construction.
- Strengthened technical competencies and software proficiency among participants.
- Improved career readiness and employability through exposure to industry-relevant tools.
- Encouraged students to explore advanced digital technologies used in modern civil engineering projects.

5. Conclusion

The Autodesk Revit Architecture Training Workshop was highly successful in providing practical and industry-oriented learning experiences to Civil Engineering students. The program enhanced students' technical skills, digital competencies, and understanding of BIM technologies, thereby preparing them for future professional challenges in the construction and infrastructure sectors.

The Department of Civil Engineering expresses its gratitude to the Placement and Training Cell, ICT Academy, and the resource persons for their valuable contributions in making the workshop informative, interactive, and beneficial for all participants.

Visit to Building Material Exhibition, Davanagere

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology, organized an educational visit for the **6th Semester Civil Engineering students** to the **Building Material Exhibition** held at **Akkamahadevi Convention Hall, Davanagere**. The visit was arranged to provide students with practical exposure to the latest developments in construction materials, innovative building technologies, and sustainable construction practices.

The program aimed to bridge the gap between theoretical concepts taught in classrooms and their practical applications in the construction industry by exposing students to contemporary building materials and technologies.

2. Details of the Event

The students visited the inauguration of the Building Material Exhibition under the guidance of **Dr. Guruprashanth N** and **Mr. Raghu G. M., Coordinator**. The exhibition showcased a wide range of modern construction materials, technologies, and products used in the building industry. During the visit, students observed innovative and sustainable construction materials such as **Autoclaved Aerated Concrete (AAC) blocks, paver blocks, waterproofing chemicals, eco-friendly construction products, and advanced building solutions**. Representatives from various companies provided detailed explanations regarding the properties, applications, advantages, and performance of these materials in construction projects.

A special highlight of the exhibition was the technical session conducted by **Er. Vinayaka N. M., Technical Head, UltraTech Cement**, who demonstrated modern construction processes through **Virtual Reality (VR) and Augmented Reality (AR) technologies**. The immersive demonstration enabled students to visualize real construction site conditions and understand various construction practices in an interactive manner.

Students actively interacted with industry experts and company representatives, clarifying their doubts and gaining valuable insights into the latest trends, innovations, and challenges in the construction sector.

ನಿಮ್ಮ ಮನೆ ನಿರ್ಮಾಣದ ಮಧ್ಯರಂತರದಲ್ಲಿ
ನಾವು ತಪಸ್ಸುಗೊಳಿಸುವ ಒಂದು ಉದ್ದವು

ಅಲ್ಟಾಟೆಕ್ ನಿರ್ಮಾಣದ ಅ. ಸಮರ್ಪಕವಾಗಿ
ಕಟ್ಟಡ ನಿರ್ಮಾಣ ಸಾಮಗ್ರಿಗಳ ಪ್ರದರ್ಶನ

ನಿಮ್ಮ ಮನೆ ನಿರ್ಮಾಣದ ಬಗ್ಗೆ ಉಪಯುಕ್ತ ಮಾಹಿತಿ ವ್ಯಾಪಾರಿಗಳಿಂದ ತಿಳಿದುಕೊಳ್ಳಬೇಕೇ ?
ನಿಮ್ಮ ಮನೆಯನ್ನು ಸುರಕ್ಷಿತವಾಗಿಟ್ಟು ರಕ್ಷಿಸುವುದು ಹೇಗೆ ?
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ನಿಮ್ಮ ಆಗಮನವನ್ನು ಖಾಯಿಮಾನ :
ಶ್ರೀ ಚಂದ್ರಾiah ದಿನ್ 9844290596
ಶ್ರೀ ಪ್ರಸಾದ್ ದಿನ್ 9972434952

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ASTRAL Sinter, BIRLA opus, PIVOT, VGUARD, UltraTech

ಈ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ಭಾಗವಹಿಸಿ ಅನೇಕ
ಬಹುಮಾನಗಳನ್ನು ಗೆಲ್ಲುವ ಸುವರ್ಣ ಅವಕಾಶ ತಮ್ಮದಾಗಿಸಿಕೊಳ್ಳಿ

LUCKY DRAW, GAME ZONE

UltraTech India's No. 1 Cement - visit ultratechcement.com for claim details.



3. Objectives of the Visit

- To provide practical exposure to modern construction materials and technologies.
- To familiarize students with innovative and sustainable building products.
- To enhance understanding of material properties and their applications in construction.
- To expose students to emerging digital technologies such as VR and AR in civil engineering.
- To facilitate interaction with industry professionals and technical experts.
- To bridge the gap between academic learning and industry practices.

4. Outcomes

- Students gained firsthand knowledge of modern construction materials and their practical applications.
- Enhanced understanding of sustainable and eco-friendly building solutions.

- Improved awareness of current industry trends, innovations, and technological advancements in construction.
- Exposure to VR and AR technologies helped students visualize real-world construction processes effectively.
- Strengthened technical knowledge regarding building materials, quality considerations, and construction methodologies.
- Increased interaction with industry professionals, fostering professional awareness and networking opportunities.
- Enabled students to connect classroom concepts with practical industry applications.

5. Conclusion

The visit to the Building Material Exhibition was highly informative and beneficial for the students. It provided valuable insights into modern construction materials, innovative technologies, and sustainable building practices. The exposure to industry experts and advanced visualization technologies enriched the students' learning experience and broadened their understanding of contemporary developments in Civil Engineering.

The Department of Civil Engineering believes that such educational visits play a vital role in enhancing students' practical knowledge and preparing them to meet the evolving demands of the construction industry.

Workshop on Design Thinking, Critical Thinking and Innovation Design

1. Introduction

As part of its commitment to fostering innovation, creativity, and problem-solving skills among students, the **Institution's Innovation Council (IIC), Jain Institute of Technology, Davanagere**, in association with the **Department of Civil Engineering**, organized a workshop on **“Design Thinking, Critical Thinking and Innovation Design”** on **27th February 2026**.

The workshop aimed to equip participants with modern approaches to problem-solving, analytical reasoning, and innovation-driven thinking, enabling them to address real-world challenges effectively and creatively.

2. Details of the Event

The workshop was delivered by **Dr. Jagannatha N**, Professor, Department of Mechanical Engineering, Jain Institute of Technology, Davanagere. The resource person shared valuable insights into the principles of design thinking, critical thinking methodologies, and innovation design processes.

The session emphasized the importance of identifying problems, generating creative solutions, evaluating alternatives, and implementing innovative ideas through a structured approach. Through practical examples and interactive discussions, participants were introduced to techniques that promote creativity, logical reasoning, teamwork, and user-centered design.

The workshop witnessed enthusiastic participation from **more than 60 students and 20 faculty members**, making the event highly interactive and engaging. Participants actively took part in discussions, brainstorming activities, and knowledge-sharing sessions, which enhanced their understanding of innovation and design-oriented thinking.

The program was successfully coordinated by **Mr. Kiran Kumar M. S., IIC Coordinator, Department of Civil Engineering**, whose efforts contributed significantly to the smooth conduct of the event.



JGI **INSTITUTION'S INNOVATION COUNCIL** **NAAC GRADE A**

ARKA Educational & Cultural Trust(Regd.)
JAIN INSTITUTE OF TECHNOLOGY, DAVANGERE
JITD Institution's Innovation Council
&
Department of Civil Engineering
Organises a Workshop on
"Design Thinking, Critical Thinking and Innovation Design"

27/02/2026
Time: 11.15 A M
Venue:
Seminar Hall
Decennial Block

Resource Person
Dr. Jagannatha N
Professor
Department of
Mechanical Engineering,
JIT, Davangere

Mr. Kiran Kumar M S IIC Coordinator	Mr. Harish K S IIC Convener	Dr. Santhosh Herur IIC Vice President
Dr. Rahul Patil Head of the Department	Dr. Manjappa Sarathi Advisor, JITD	Dr. Ganesh D B Principal & Director



3. Objectives of the Workshop

- To introduce participants to the concepts of design thinking and innovation.
- To develop critical thinking and analytical reasoning skills.
- To encourage creative problem-solving approaches for real-world challenges.
- To promote innovation-driven practices in academics, research, and professional activities.
- To enhance students' ability to generate, evaluate, and implement innovative ideas.
- To cultivate an entrepreneurial and solution-oriented mindset among participants.

4. Outcomes

- Participants gained a clear understanding of design thinking methodologies and innovation processes.
- Enhanced critical thinking, analytical reasoning, and problem-solving capabilities.
- Improved ability to identify problems and develop creative, user-centric solutions.
- Increased awareness about innovation-driven approaches in academics and professional practice.
- Encouraged participants to adopt structured thinking and systematic decision-making techniques.

- Inspired students and faculty members to pursue innovative projects, research activities, and entrepreneurial ventures.
- Strengthened the culture of creativity, innovation, and continuous learning within the institution.

5. Conclusion

The workshop on “**Design Thinking, Critical Thinking and Innovation Design**” was highly successful in achieving its objectives of promoting innovative and analytical thinking among students and faculty members. The insightful session delivered by **Dr. Jagannatha N** provided participants with practical knowledge and valuable tools for addressing challenges through creativity and structured problem-solving.

The event served as an excellent platform for nurturing innovation and critical thinking skills, motivating participants to apply these concepts in academic, research, and professional pursuits. The workshop concluded with positive feedback from all participants, reflecting its effectiveness and impact.

Participation in Jal Seva Adhyayan Program under Jal Jeevan Mission

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology, Davanagere, actively participated in the **Jal Seva Adhyayan Program** conducted under the **Jal Jeevan Mission**, a flagship initiative of the **Ministry of Jal Shakti, Government of India**. The program was designed to provide faculty members and students with an opportunity to contribute to the assessment and improvement of rural drinking water supply systems through field-based studies and surveys.

The initiative aimed to promote experiential learning by involving students and faculty in real-time evaluation of water supply infrastructure, service delivery mechanisms, and sustainability practices adopted under the Jal Jeevan Mission.

2. Details of the Event

As part of the program, three faculty members from the Department of Civil Engineering, along with their respective student teams, successfully completed field visits and surveys in different states across India.

Team 1 – Kurnool, Andhra Pradesh

Dr. Guruprashanth N, along with four students, conducted field-level inspections and surveys in Kurnool district. The team focused on evaluating drinking water supply infrastructure, service quality, operational efficiency, and beneficiary satisfaction under the Jal Jeevan Mission.

Team 2 – Vellore, Tamil Nadu

Mr. Bharath H. M. and his student team visited Vellore district, where they assessed the implementation status, functionality, and operational effectiveness of various Jal Jeevan Mission projects. The team interacted with local communities and officials to understand the impact of the program on rural households.

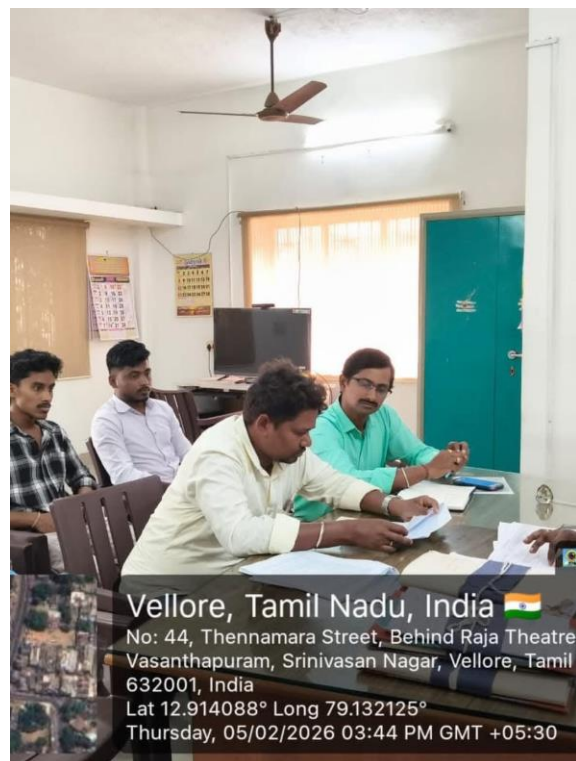
Team 3 – Alleppey, Kerala

Mr. Raghavendra H. S., along with his student team, conducted surveys and inspections in Alleppey district. Their study focused on quality assurance, ground-level verification of drinking water facilities, and assessment of the sustainability of water supply systems.

During the field visits, all teams interacted with local stakeholders, beneficiaries, government officials, and field engineers. They collected primary data, conducted surveys, observed infrastructure facilities, and documented their findings related to water supply systems and service delivery mechanisms.

The data collected during the visits will be analyzed and compiled into detailed technical reports, which will be submitted to the concerned government authorities for review and future improvements in the implementation of the Jal Jeevan Mission.





3. Objectives of the Program

- To provide practical exposure to students on rural water supply systems and infrastructure.
- To assess the implementation and effectiveness of Jal Jeevan Mission projects.
- To evaluate the quality, sustainability, and service delivery of drinking water facilities.
- To promote field-based learning and community engagement among students.
- To contribute meaningful feedback and recommendations to government agencies.
- To enhance understanding of water resource management and public infrastructure systems.

4. Outcomes

- Students gained valuable hands-on experience in conducting field surveys, inspections, and technical assessments.
- Enhanced understanding of rural water supply infrastructure, project implementation, and quality assurance practices.

- Improved skills in data collection, analysis, stakeholder interaction, and report preparation.
- Developed awareness about national-level water resource management initiatives and public welfare programs.
- Strengthened the department's engagement with socially relevant engineering projects and community-oriented activities.
- Generated field-based observations and recommendations that can support future improvements in drinking water service delivery.
- Encouraged students to apply engineering knowledge to address real-world societal challenges.

5. Conclusion

The participation of the Department of Civil Engineering in the **Jal Seva Adhyayan Program** under the **Jal Jeevan Mission** was a significant academic and social outreach activity. The program provided students and faculty members with a unique opportunity to engage directly with rural communities and assess the effectiveness of drinking water supply systems across different states.

The field visits enriched participants with practical knowledge, professional experience, and a deeper understanding of sustainable water management practices. The findings and recommendations generated through these surveys will contribute to the continuous improvement of water supply services and support the objectives of the Jal Jeevan Mission in ensuring safe and sustainable drinking water for all.

Session on “Innovation & Entrepreneurship Opportunities in Aerospace & Automotive Industries”

1. Introduction

The Department of Civil Engineering, through its forum “**Shilanyas**”, in association with the **JITD Institution’s Innovation Council (IIC)**, organized an expert session on “**Innovation & Entrepreneurship Opportunities in Aerospace & Automotive Industries.**” The session was conducted with the objective of creating awareness among students about emerging entrepreneurial opportunities, innovation-driven careers, and technological advancements in the aerospace and automotive sectors.

The program aimed to broaden students’ perspectives beyond conventional career paths and encourage them to explore innovation, research, and entrepreneurship in rapidly evolving industries.

2. Details of the Event

The session was delivered by **Mr. Krishnamurthy M., Director, Elite Institute of Technology, Davangere**, who shared his extensive knowledge and professional experiences in the fields of innovation, technology, and entrepreneurship.

During the session, the resource person highlighted the growing scope of innovation and startup opportunities in the aerospace and automotive industries. He discussed emerging technologies, industry trends, product development processes, and the importance of creativity and problem-solving in developing innovative solutions. The speaker also emphasized the role of entrepreneurship in transforming ideas into successful ventures and encouraged students to develop an innovative mindset.

The session provided valuable insights into career opportunities, industry expectations, skill development requirements, and the challenges associated with launching and managing technology-based enterprises. Students actively participated in the interaction, seeking guidance on innovation, entrepreneurship, and future career prospects.





Arka Educational & Cultural Trust (R)
Jain Institute of Technology, Davangere
 (A Unit of Jain Group of Institutions, Bengaluru)

Department of Civil Engineering & Forum 'Shilanyas'
 In Association with
JITD Institution's Innovation Council
Organizes a session on
**"Innovation & Entrepreneurship opportunities
 in aerospace & automotive Industries"**

Resource Person
Mr. KRISHNAMURTHY. M
 Director
 Elite Institute of Technology, Davangere

 **07/11/2025 @ 10 A.M**
Venue:
Decenial Block (C205)

Mr. Kiran Kumar M S IIC Coordinator	Mr. Harish K S IIC Convener	Mr. Bharath H M Forum Coordinator
Dr. Rahul Patil HoD, Civil Dept.	Dr. Manjappa S Advisor	Dr. Ganesh D B Principal & Director



3. Objectives of the Event

- To create awareness about innovation and entrepreneurship opportunities in emerging industries.
- To expose students to advancements in the aerospace and automotive sectors.
- To encourage creative thinking, innovation, and problem-solving abilities.
- To motivate students to explore startup and entrepreneurial ventures.
- To provide insights into industry trends, career opportunities, and technological developments.
- To strengthen the culture of innovation and entrepreneurship within the institution.

4. Outcomes

- Students gained knowledge about emerging opportunities in the aerospace and automotive industries.
- Enhanced awareness regarding innovation, technology-driven entrepreneurship, and startup ecosystems.
- Improved understanding of industry expectations and future career prospects.

- Motivated students to think creatively and explore innovative solutions to engineering challenges.
- Encouraged participants to consider entrepreneurship as a viable career option.
- Strengthened the innovation and entrepreneurial mindset among students.
- Fostered greater interest in interdisciplinary learning and technology-based ventures.

5. Conclusion

The session on “**Innovation & Entrepreneurship Opportunities in Aerospace & Automotive Industries**” was highly informative and inspiring for the participants. The expert insights shared by **Mr. Krishnamurthy M.** provided students with a broader understanding of innovation-driven industries and the opportunities available in entrepreneurship and technological development.

The program successfully encouraged students to embrace innovation, develop entrepreneurial thinking, and explore emerging career pathways. The Department of Civil Engineering and Forum “**Shilanyas**” express their sincere gratitude to the resource person for his valuable contribution and for making the session meaningful and impactful.

Forum Inauguration and Freshers Day – Shilanyas

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology, Davanagere, organized the **Forum Inauguration and Freshers Day** of its departmental forum “**Shilanyas**” to welcome the newly admitted students and mark the beginning of a new academic year filled with learning, innovation, and professional growth.

The event served as an important platform to introduce students to the department’s academic culture, co-curricular activities, and opportunities for personal and professional development. It also aimed to create a sense of belonging among freshers and encourage them to actively participate in departmental activities.

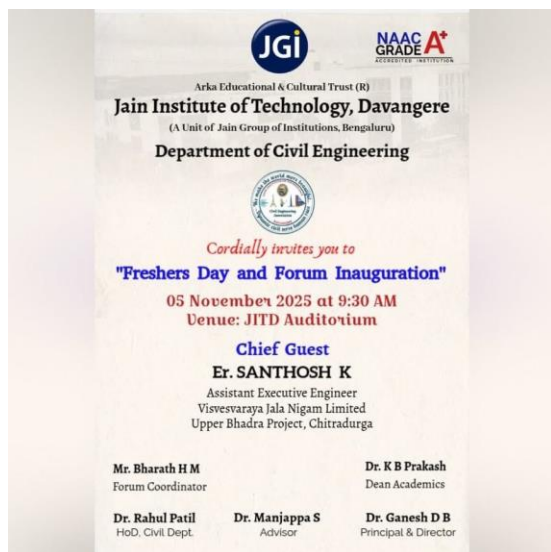
2. Details of the Event

The program was inaugurated in the presence of distinguished guests, faculty members, and students. The **Chief Guest, Er. Santhosh K., Assistant Executive Engineer (AEE), VJNL, Upper Bhadra Project, Chitradurga**, graced the occasion and shared valuable insights on the importance of civil engineering in nation-building and infrastructure development.

During his address, the Chief Guest motivated students to focus on academic excellence, technical skill development, and professional ethics. He also highlighted the vast opportunities available in the field of Civil Engineering and encouraged students to make the best use of their academic journey.

The inauguration of the forum “**Shilanyas**” marked the commencement of various technical, academic, and professional development activities planned for the academic year. The event also included a Freshers Day celebration where senior students warmly welcomed the newcomers through interactive activities, cultural programs, and motivational interactions.

The program created an atmosphere of enthusiasm and positivity, helping freshers feel comfortable and connected with their peers, faculty members, and the department.



3. Objectives of the Event

- To formally inaugurate the Civil Engineering Forum “Shilanyas”.
- To welcome newly admitted students to the Department of Civil Engineering.
- To familiarize freshers with the department's academic and extracurricular activities.
- To motivate students towards academic excellence and professional growth.
- To strengthen interaction between junior and senior students.
- To encourage active participation in departmental and forum activities.

4. Outcomes

- Freshers gained a better understanding of the department, its vision, and available opportunities.
- Students were motivated to actively participate in academic, technical, and forum activities.
- Enhanced interaction and bonding between junior and senior students.
- Increased awareness about career opportunities and professional expectations in Civil Engineering.

- Fostered a sense of belonging, confidence, and enthusiasm among newly admitted students.
- Strengthened the culture of collaboration, leadership, and student engagement within the department.

5. Conclusion

The **Forum Inauguration and Freshers Day** was successfully conducted and marked a vibrant beginning to the academic year for the Civil Engineering Department. The event provided a warm welcome to the freshers while introducing them to the values, opportunities, and aspirations of the department.

The inspiring address by **Er. Santhosh K.** and the enthusiastic participation of students made the program memorable and impactful. The Department of Civil Engineering looks forward to a productive year of learning, innovation, and excellence through the activities of “**Shilanyas**”, fostering the holistic development of its students.

“Welcoming a new academic journey filled with innovation, inspiration, and engineering excellence.”

TECHNICAL TOUR 2K25

Duration: 10th October 2025 to 12th October 2025

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology, Davanagere, organized a three-day Technical Tour 2K25 for the final-year students from 10th to 12th October 2025. The tour was planned with the objective of providing practical exposure to engineering projects, infrastructure systems, water resource structures, and culturally significant monuments. Such educational visits bridge the gap between classroom learning and real-world applications, enabling students to understand engineering concepts from a practical perspective.

The tour covered several important destinations across Karnataka, including hydroelectric power projects, dams, reservoirs, heritage structures, and cultural landmarks, offering students a holistic learning experience.

2. Objectives of the Technical Tour

The major objectives of the tour were:

- * To provide practical exposure to large-scale civil engineering projects.
- * To understand the planning, construction, operation, and maintenance of dams and reservoirs.
- * To study hydroelectric power generation systems and underground power stations.
- * To enhance students' knowledge of water resource engineering and infrastructure development.
- * To expose students to architectural and historical monuments of engineering significance.
- * To encourage teamwork, leadership, communication, and interpersonal skills among students.
- * To promote experiential learning beyond the classroom environment.

3. Details of the Visit

Day 1 – 10th October 2025

Varahi Underground Power Project

Students visited the Varahi Underground Power Project, one of India's significant hydroelectric power generation facilities. The visit provided insights into underground powerhouse

construction, turbine operation, power generation processes, and the role of hydroelectric projects in sustainable energy production.

Kamala Shile

The team visited Kamala Shile, a place known for its natural beauty and spiritual significance. Students observed the surrounding geographical formations and gained an appreciation for the interaction between nature and infrastructure development.

Day 2 – 11th October 2025

Krishna Raja Sagara (KRS) Dam

The students explored the historic KRS Dam, an iconic engineering structure designed under the guidance of Sir M. Visvesvaraya. The visit helped students understand dam construction, water storage systems, irrigation management, and reservoir operations.

Chiklihole Reservoir

The visit to Chiklihole Reservoir provided practical understanding of watershed management, reservoir planning, water conservation techniques, and the importance of such structures in supporting agriculture and regional water supply.

Mysore Palace

Students visited the Mysore Palace and observed its magnificent architecture, structural design, and historical importance. The palace served as an excellent example of heritage engineering and architectural excellence.

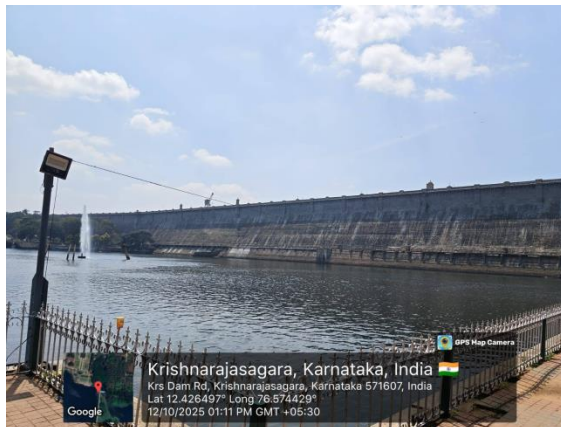
Day 3 – 12th October 2025

Golden Temple, Bylakuppe

The students visited the Golden Temple at Bylakuppe, one of the largest Tibetan settlements in India. The visit offered exposure to unique architectural styles, cultural diversity, and heritage conservation practices.

Chamundi Hill

The final destination was Chamundi Hill, where students experienced scenic landscapes and gained an understanding of hill-road infrastructure, slope stabilization, and tourism-related development activities.



4. Learning Outcomes

Through this technical tour, students were able to:

- * Gain firsthand knowledge of hydroelectric power generation systems.
- * Understand the functioning and management of dams and reservoirs.
- * Observe practical applications of civil engineering concepts in real-world projects.
- * Develop awareness regarding sustainable water resource management.
- * Appreciate architectural heritage and cultural conservation.
- * Improve teamwork, leadership, and communication skills.
- * Enhance their overall professional and personal development.

5. Conclusion

The Technical Tour 2K25 was a highly informative and enriching experience for the final-year Civil Engineering students. The tour successfully combined technical learning, practical exposure, cultural exploration, and team-building activities. Students gained valuable insights into major engineering structures and infrastructure systems while also appreciating Karnataka's rich cultural and architectural heritage. The visit significantly contributed to their academic growth and professional preparedness, making it a memorable and meaningful learning experience.

Technical Field Visit to Aqueduct Construction Site

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology (JIT), Davangere, organized a **Technical Field Visit to an Aqueduct Construction Site** on **26th September 2025** under the banner of the departmental forum “**Shilanyas.**” The visit was arranged as part of experiential learning initiatives aimed at providing students with practical exposure to real-time civil engineering construction activities and infrastructure development practices.

The field visit was intended to help students understand the practical implementation of theoretical concepts related to hydraulic structures, construction techniques, project execution, and site management.

2. Details of the Event

During the visit, students observed the ongoing construction activities of the aqueduct project and gained firsthand knowledge of various stages involved in the construction process. The site engineers and technical personnel explained the design aspects, structural components, construction methodology, material usage, reinforcement detailing, and safety practices followed at the construction site.

Students were introduced to practical aspects of aqueduct construction such as foundation works, shuttering, reinforcement placement, concreting procedures, and water flow management systems. The visit also provided exposure to project planning, execution strategies, quality control measures, and modern construction techniques adopted in large-scale infrastructure projects.

The interaction with engineers and field professionals enabled students to clarify their technical doubts and understand the challenges faced during construction and project management. The visit served as an important opportunity for students to relate classroom learning with practical engineering applications.



3. Objectives of the Visit

- To provide practical exposure to real-time construction activities.
- To enhance understanding of aqueduct structures and hydraulic engineering concepts.
- To bridge the gap between theoretical knowledge and practical applications.
- To familiarize students with modern construction techniques and site management practices.
- To create awareness about safety procedures and quality control measures at construction sites.
- To encourage experiential and industry-oriented learning among students.

4. Outcomes

- Students gained practical knowledge about aqueduct construction and hydraulic infrastructure systems.
- Enhanced understanding of construction methodologies, reinforcement detailing, and concreting practices.
- Improved awareness regarding project execution, site supervision, and quality control measures.

- Developed better understanding of real-time engineering challenges and problem-solving approaches.
- Increased interaction with field engineers and industry professionals.
- Strengthened the ability of students to connect academic concepts with field applications.
- Encouraged students to develop professional and technical competencies relevant to the construction industry.

5. Conclusion

The Technical Field Visit to the Aqueduct Construction Site was highly informative and beneficial for the students of the Department of Civil Engineering. The visit provided valuable practical exposure and enhanced students' understanding of real-world engineering practices, infrastructure development, and construction management techniques.

Such field visits play a significant role in developing industry readiness, technical confidence, and experiential learning among students, thereby contributing to their overall academic and professional growth.

“Learning Beyond Classrooms through Practical Exposure and Engineering Excellence.”

Engineers' Day Celebration 2025

1. Introduction

The Department of Civil Engineering, Jain Institute of Technology (JIT), Davanagere, celebrated **Engineers' Day 2025** under the banner of the departmental forum “**Shilanyas**” to commemorate the birth anniversary of **Bharat Ratna Sir Mokshagundam Visvesvaraya**, one of India's greatest engineers and visionaries.

The celebration was organized to honor the invaluable contributions of engineers to society and to inspire students to uphold the values of innovation, technical excellence, and professional ethics in their engineering careers.

2. Details of the Event

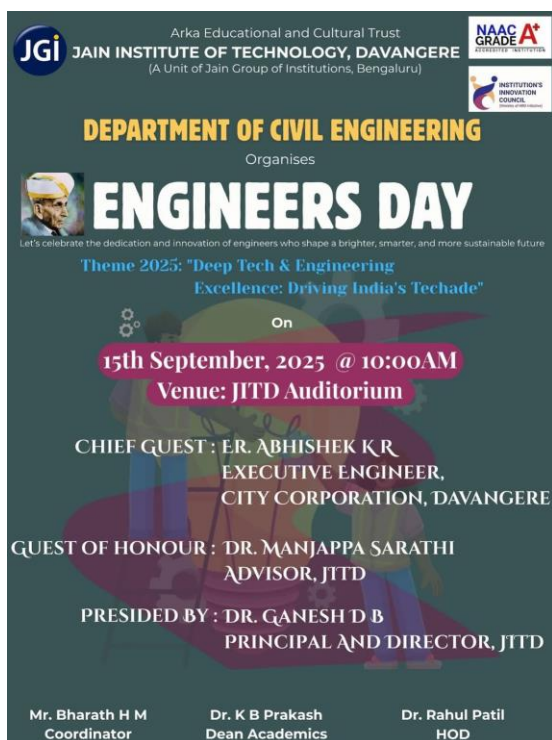
The event was graced by **Er. Abhishek K. R., Executive Engineer, City Corporation, Davanagere**, who attended as the **Chief Guest**. The program was also attended by distinguished dignitaries including:

- **Dr. Ganesh D. B.**, Principal & Director, JIT
- **Dr. Manjappa Sarathi**, Advisor, JITD
- **Dr. K. B. Prakash**, Dean Academics
- **Dr. Rahul Patil**, Head of the Department of Civil Engineering
- **Mr. Bharath H. M.**, Event Coordinator

The program commenced with the tribute to **Sir M. Visvesvaraya**, recognizing his pioneering contributions to engineering, water resources management, and infrastructure development in India.

In his address, the Chief Guest highlighted the significance of engineering in nation-building and encouraged students to continuously develop their technical knowledge, innovative thinking, and professional skills. The dignitaries also addressed the gathering, emphasizing the importance of dedication, integrity, and lifelong learning in the engineering profession.

The celebration provided an inspiring platform for students to learn about the legacy of Sir M. Visvesvaraya and understand the evolving role of engineers in addressing societal and technological challenges.



3. Objectives of the Event

- To commemorate the birth anniversary of Sir M. Visvesvaraya.
- To recognize the contributions of engineers to society and national development.
- To inspire students to pursue excellence in engineering and innovation.
- To create awareness about professional ethics and responsibilities in engineering.
- To motivate students to contribute to sustainable infrastructure and technological advancement.

4. Outcomes

- Enhanced awareness about the life and achievements of Sir M. Visvesvaraya.
- Inspired students to develop a strong professional and ethical outlook towards engineering.
- Improved understanding of the role of engineers in infrastructure development and societal progress.
- Encouraged innovation, creativity, and technical excellence among students.
- Strengthened students' motivation to pursue successful careers in engineering and related fields.
- Fostered a sense of pride and responsibility towards the engineering profession.

5. Conclusion

The **Engineers' Day Celebration 2025** was successfully conducted and served as a meaningful tribute to the remarkable contributions of **Sir M. Visvesvaraya**. The insightful address by **Er. Abhishek K. R.** and the presence of esteemed dignitaries made the event highly inspiring and memorable for the participants.

The celebration reinforced the values of innovation, dedication, and engineering excellence, motivating students to become responsible professionals capable of contributing to the development of society and the nation.

“A memorable day of inspiration, innovation, and engineering spirit.”