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K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

Techsaksham Programme Appreciation

Orientation on Techsaksham Programme Edunet Foundation

Date: 28-11-2023

Introduction:

The **Techsaksham Programme** orientation, conducted by the **Edunet Foundation** team, aimed to introduce students to the objectives and benefits of this transformative initiative.

Objective:

The primary goal was to equip students with industry-relevant skills in **Artificial Intelligence (AI)**, **Machine Learning (ML)**, and **Cloud Technologies**, thereby enhancing their employability and preparing them for future technology-driven careers.

Key Highlights:

- Overview of the **Techsaksham Programme** and its relevance in bridging the skill gap.
- Emphasis on **practical learning** through hands-on projects and real-world applications.
- Introduction to future workshops on **AI, ML, and soft skills training** designed to prepare students for industry challenges.

Benefits for Participants:

- Exposure to cutting-edge technologies.
- Development of **critical problem-solving skills** through project-based learning.
- Increased career opportunities by aligning with industry expectations



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Exclusive Orientation Program on Student Development

Date: 04-09-2024

Introduction:

The **TechSaksham Exclusive Orientation Program on Student Development** was successfully conducted on **September 4, 2024**, aiming to empower students with essential skills for academic and professional growth. This initiative provided valuable insights into career opportunities, technological advancements, and personal development strategies.

Objective:

The program aimed to equip students with the necessary knowledge and skills to navigate their academic journey effectively and prepare them for future challenges in the tech industry. It emphasized **personal growth, adaptability, and career readiness**, aligning with the mission of **TechSaksham** to foster innovation and skill-building.

Key Highlights:

- **Expert Talks:** Industry professionals shared insights on skill development.
- **Interactive Sessions:** Engaging discussions on career pathways.

Benefits:

- Enhances **technical and soft skills** for holistic growth.
- Provides **career guidance** and mentorship from industry experts.



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Workshop on Applied Artificial Intelligence – Practical Implementation.

Duration: 10 days (30-09-2024 to 09-10-2024)

Introduction:

This 10-day workshop by **Edunet Foundation** offered an exciting opportunity for students to dive into the world of Artificial Intelligence. Through hands-on projects and real-world applications, participants gained valuable insights into building AI models and solving practical problems.

Objective:

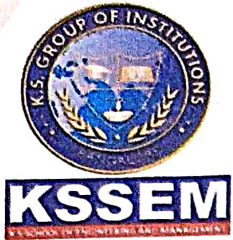
- Help students develop a strong foundation in AI concepts.
- Encourage problem-solving through interactive, project-based learning.
- Equip participants with the confidence to apply AI in real-life scenarios.

Key Highlights:

- Building AI models using **IBM Cloud** and **Watson Studio**.
- Creating chatbots and exploring real-world NLP applications.
- Understanding the ethical aspects of AI and its societal impact.

Benefits:

- Boosted technical expertise and problem-solving skills.
- Practical exposure to industry-relevant AI tools.
- Increased readiness to tackle AI challenges and explore career opportunities.



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Workshop on AI Foundation Course – Hands-On Training

Duration: 3 days (23-10-2024 to 25-10-2024)

Introduction:

This 3-day workshop gave students an exciting introduction to **Artificial Intelligence (AI)** by exploring core concepts like Machine Learning, Natural Language Processing, and Computer Vision. With hands-on projects and interactive sessions, participants got to experience building AI models and chatbots firsthand.

Objective:

- Help students grasp essential AI concepts in a simple, engaging way.
- Encourage hands-on learning through real-world projects.
- Build confidence to apply AI knowledge in practical scenarios.

Key Highlights:

- Hands-on projects using **IBM Cloud** and **Watson Studio**.
- Developing machine learning models and creating interactive chatbots.
- Exploring ethical considerations and understanding AI's impact on society.

Benefits:

- A solid foundation in AI and its applications.
- Enhanced technical skills and problem-solving abilities.
- Preparedness to take on advanced AI topics and real-world challenges.



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Workshop on AI & ML | VOIS Offline Training

Duration: 2 days (23-12-2024 to 24-12-2024)

Introduction:

This offline training, conducted by VOIS, introduced first-year students to the exciting world of **Artificial Intelligence (AI)** and **Machine Learning (ML)**. Through interactive sessions and hands-on exercises, participants gained a solid foundation in these cutting-edge technologies.

Objective:

- Bridge the gap between theoretical knowledge and practical applications.
- Spark curiosity and enthusiasm for AI/ML among students.
- Encourage teamwork and collaboration across different branches.

Key Highlights:

- Expert-led sessions with practical exercises.
- Interactive discussions to encourage innovative thinking.
- Emphasis on interdisciplinary teamwork to solve complex problems.

Benefits:

- Strong foundational knowledge in AI/ML.
- Enhanced problem-solving and critical thinking skills.
- Increased interest in exploring career opportunities in AI and Data Science.



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Soft Skills & Employability

Duration: 2 days (13-02-2025 to 15-02-2025)

Introduction:

Sponsored by Microsoft and hosted at KSSEM, this event was designed to bridge the gap between classroom learning and professional success. Over three days, 120 students from AI&DS, CSE, CSBS, and ECE engaged in interactive sessions that blended theory with real-world practice, preparing them for the modern workplace.

Objective:

- Enhance communication, presentation, and teamwork skills essential for professional success.
- Equip students with practical career tools such as resume crafting and interview techniques.
- Foster critical thinking and confidence through role-plays, group discussions, and case studies.

Key Highlights:

- **Interactive Sessions:** Dynamic group activities, mock interviews, and role-plays that provided hands-on career preparation.
- **Career Readiness:** Practical tips on resume building, understanding job requirements, and leveraging platforms like LinkedIn.
- **Real-World Practice:** Case studies and live discussions that simulated professional scenarios, building confidence and problem-solving abilities.

Benefits:

- Improved communication and interpersonal skills vital for workplace success.
- Increased job readiness through hands-on career training and realistic practice sessions.
- Greater confidence and adaptability, empowering students to seamlessly transition from academia to professional environments.



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Applied Artificial Intelligence – Practical Implementation

Duration: 9 days (17-02-2025 to 01-03-2025)

Introduction:

This immersive workshop empowered 150 VI semester students from AI&DS, ECE, and CSBS to transform theory into practice. Participants dove into the world of AI using modern tools and hands-on coding exercises, guided by experienced trainers who made complex concepts accessible.

Objective:

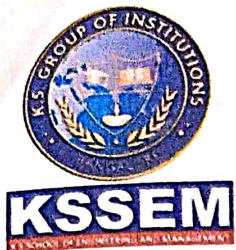
- Build a strong foundation in Python programming tailored for AI.
- Introduce and apply core AI concepts including machine learning, deep learning, NLP, and generative AI.
- Encourage collaborative problem-solving through real-world projects and hands-on sessions.

Key Highlights:

- **Foundational Coding:** Engaging exercises that established Python skills in the context of AI.
- **Model Building:** Practical sessions on constructing and refining ML and DL models using real-world examples.
- **NLP & Generative AI:** Exploration of turning textual data into insights and experimenting with innovative content generation.
- **Collaborative Projects:** Team-based final projects that promoted creative problem-solving and teamwork.

Benefits:

- Participants left with tangible skills to develop AI solutions, bridging academic learning with industry practices.
- Enhanced technical expertise and confidence to tackle real-world AI challenges.
- Valuable exposure to industry-standard tools and methodologies, setting the stage for future innovation.



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TechSaksham Regional Showcase:

Date: 25/03/2025

Introduction:

The **TechSaksham Regional Showcase** was held at **GEC Hassan**, where participants presented innovative projects aimed at solving real-world problems. This showcase, part of the TechSaksham initiative, provided a platform for students to demonstrate their technical expertise and creativity while fostering collaboration and knowledge sharing.

Objective:

The primary objective of the **TechSaksham Regional Showcase** was to provide a platform for students to:

- Demonstrate their technical skills and innovative ideas.
- Encourage problem-solving through real-world applications.
- Foster collaboration, knowledge sharing, and critical thinking.
- Empower participants by exposing them to industry standards and expectations.

Benefits:

- **Skill Development:** Enhanced participant's ability to present, defend, and refine their projects effectively.
- **Networking Opportunities:** Enabled interaction with industry experts and peers, encouraging valuable collaboration.
- **Recognition and Motivation:** Inspired participants to strive for excellence and contribute meaningfully to the tech community.

Key Highlights:

- The event began with an inaugural ceremony, where dignitaries emphasized the importance of empowering students through technology.
- A panel of experienced jury members evaluated the projects in teams, ensuring a thorough and fair assessment.
- Outstanding projects in AI, IoT, and Machine Learning were showcased, reflecting high levels of innovation and technical depth.



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Winners List:

🏆 **1st Prize:** Team led by **Chandan M** from CSE, shared with **Sanjay's team** from CSBS.

🥈 **1st Runner-up:** Team led by **Tamanna** from AI&DS.

Thank You Note:

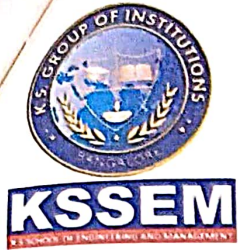
On behalf of **K.S. School of Engineering and Management (KSSEM)**, We would like to extend our heartfelt gratitude for your unwavering support and contributions toward the success of various initiatives that have empowered our students with technical expertise and real-world insights.

Your contributions have been instrumental across multiple events, including:

- **TechSaksham Regional Showcase at GEC Hassan:** Provided a platform for students to present innovative projects, receive feedback from industry experts, and refine their problem-solving abilities. The assessment by esteemed jury members ensured fair evaluation, motivating participants to excel.
- **Workshops and Training Sessions:** Hands-on workshops, including AI foundation courses and advanced applied AI sessions, equipped students with practical knowledge and industry-relevant skills, bridging the gap between academia and industry.
- **Soft Skills & Employability Training:** Empowered 6th-semester students with essential interpersonal and professional skills, preparing them for future career opportunities.
- **Advanced Applied AI Workshops:** Enabled participants to explore advanced concepts in Artificial Intelligence and Machine Learning, fostering critical thinking and innovation.

Your continued commitment to fostering technical growth and empowering young minds has enriched these events and inspired students to explore real-world solutions with confidence.

We deeply appreciate your valuable contributions and look forward to collaborating on many more successful initiatives in the future.



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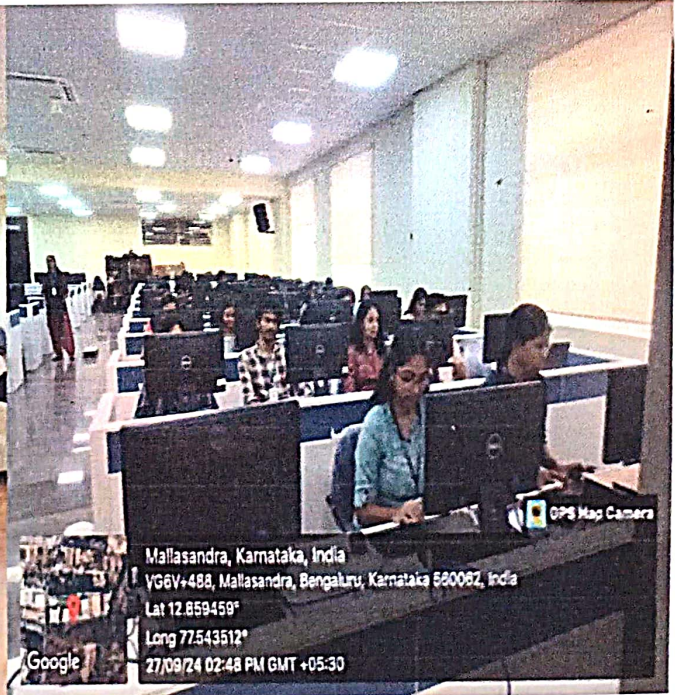
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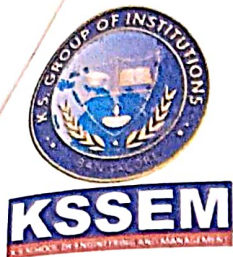
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Photo Gallery:





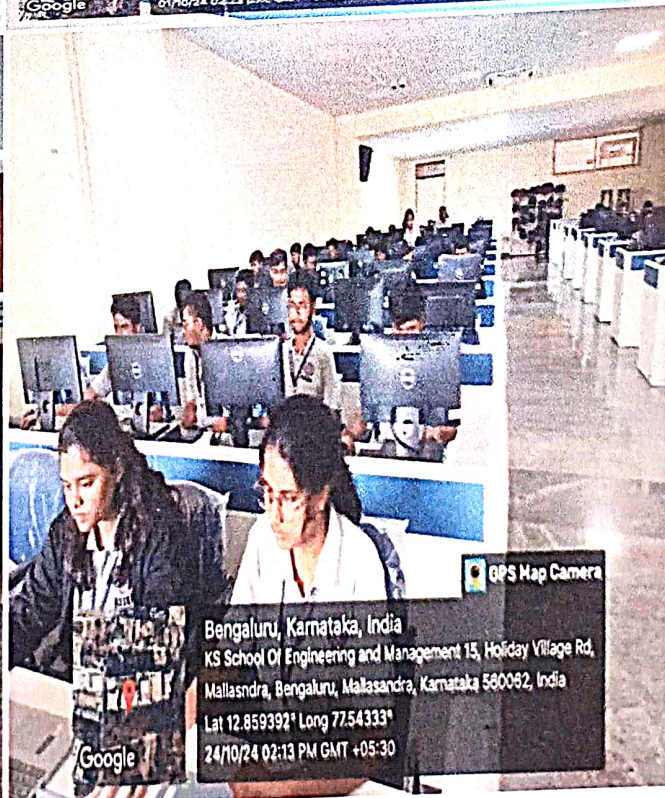
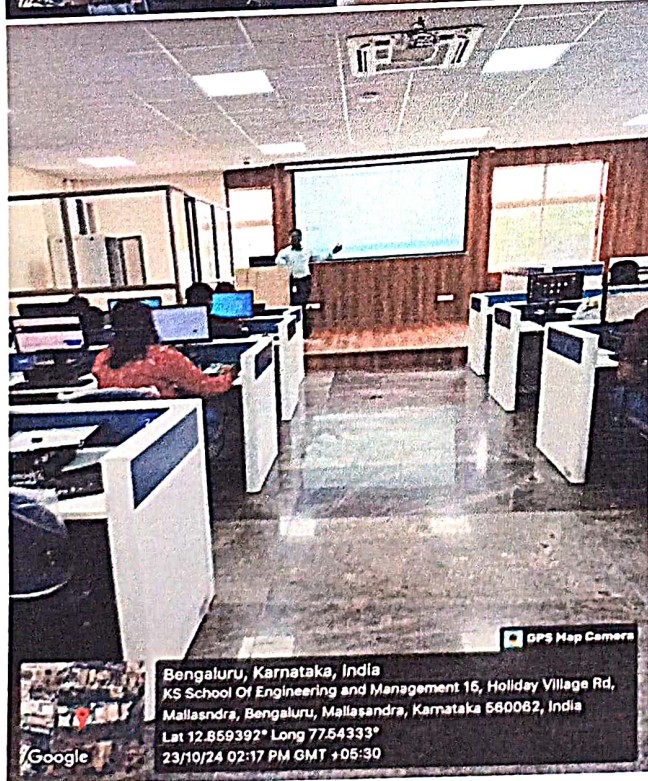
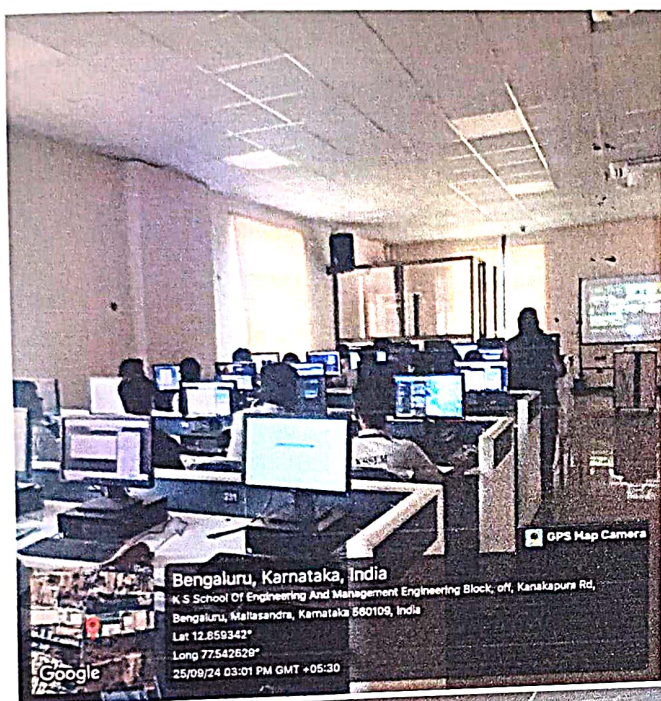
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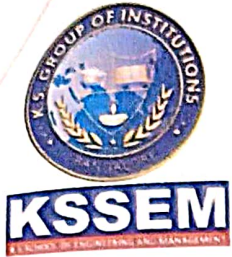
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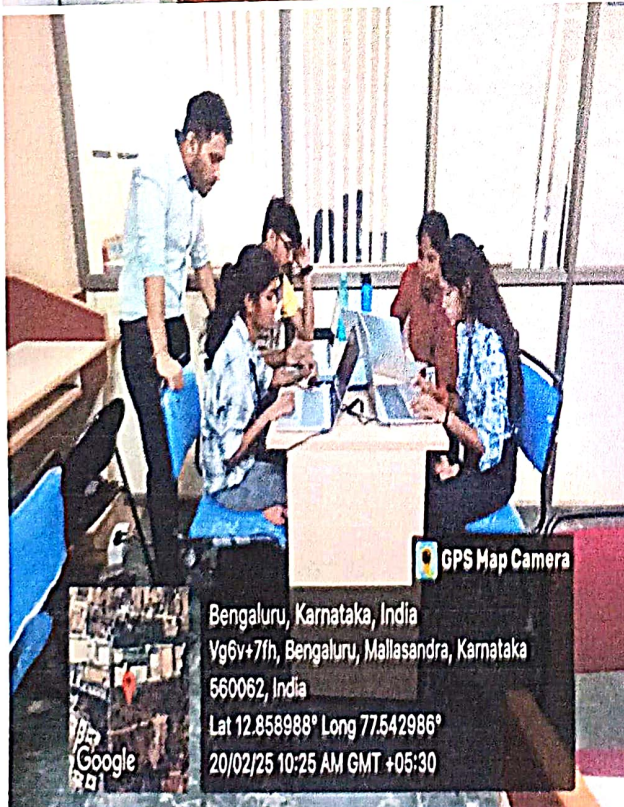
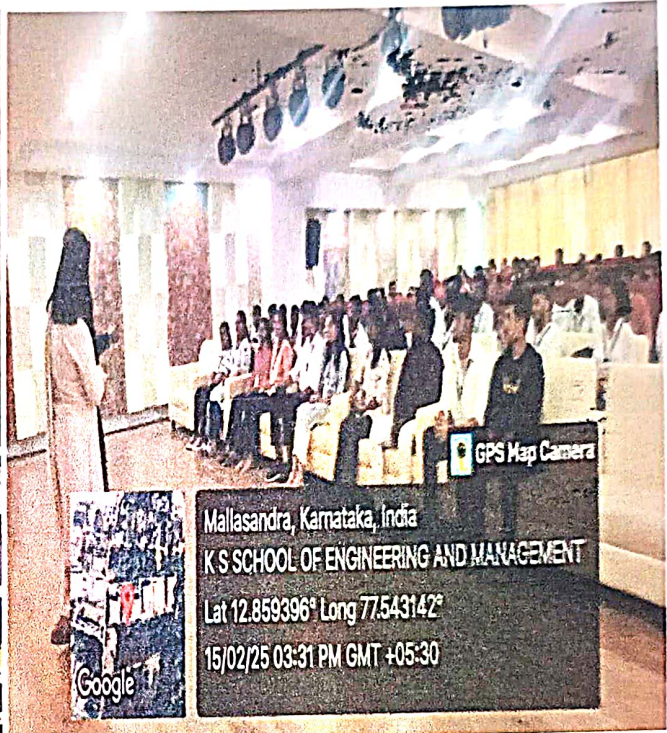
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[Signature]

Technical Coordinator

[Signature]

HOD OF AI&DS
HOD

Department of Artificial Intelligence & Data Science
K. S. School of Engineering & Management
Bangalore - 560 109.

[Signature]

PRINCIPAL
Dr. K. RAMA NARASIMHA
Principal/Director
K. S. School of Engineering and Management
Bangalore - 560 109