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A Report On  
**INNOVITA**  
“Flare of Innovation, Flame of Progress”

**INSTITUTE OF ENGINEERING & SCIENCE**

(An Autonomous Institute)

**DEPARTMENT OF CHEMICAL ENGINEERING**

Approved by AICTE, New Delhi, Affiliated to RGPV Bhopal

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## Introduction

"Driven by the spirit of discovery, **INNOVITA 2025** emerged as a flagship technical symposium organized by the Department of Chemical Engineering at **IPS Academy Institute of Engineering & Science, Indore**. Held on 10<sup>th</sup> October to 11<sup>th</sup> October 2025, the fest adopted the motto '*Flare of Innovation, Flame of Progress*' to ignite a passion for problem-solving and sustainable engineering. At its core, the event sought to empower students by exposing them to modern industrial trends and encouraging them to develop technical solutions with a focus on environmental stewardship. Beyond the technical sessions, the introduction of the event was marked by a commitment to 'helping Mother Earth heal,' aligning the professional responsibilities of chemical engineers with global sustainability goals. By fostering skills in public speaking, technical reasoning, and collaborative innovation, **INNOVITA 2025** prepared students to lead the charge in the next era of industrial progress."



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## Event Highlights

The two-day technical festival, **INNOVITA 2025**, organized by the Department of Chemical Engineering at **IPS Academy Institute of Engineering & Science, Indore**. Successfully united academic learning with industrial expertise under the theme "**Flare of Innovation, Flame of Progress.**" The event commenced with a tribute to **Maa Sarasvati** and featured a high-impact keynote by **Mr. Ankit Soni (BPCL)**, who enlightened students on career exploration within the energy sector. Day 1 focused on intellectual growth through **Innovative Idea Presentations** and **Technical Poster sessions**, emphasizing sustainable engineering and environmental healing. The second day challenged participants' technical wit through a rigorous **Quiz Competition**, followed by a vibrant "**Chemical's Got Talent**" showcase by the final-year students. The fest concluded with a **Valedictory Ceremony** honoring "eminent undergrads" for their excellence in STEM. By bridging the gap between students and the chemical industry, **INNOVITA 2025** empowered the next generation of engineers to lead with both technical mastery and a deep sense of environmental responsibility.



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## Bestowing honors upon guests

The opening ceremony of **INNOVITA 2025** was marked by a tradition of respect and gratitude as the **Department of Chemical Engineering** formally welcomed its distinguished guests. To acknowledge their presence and invaluable contribution to the academic community, the department **bestowed honors** upon the dignitaries. The **Chief Guest Mr. Vivek Asthana GM Symbiotech Pharma , Indore** was felicitated with a commemorative memento as a token of appreciation for sharing their time and expertise. This gesture not only highlighted the professional bond between the institute and industry leaders but also set a prestigious tone for the technical sessions that followed.



**Mr. Vivek Asthana**  
**GM Symbiotech Pharma ,Indore**



**Veer Singh Pawar**  
**Depty General manager EKI Energy Services Ltd.**

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## Expert lectures

A highlight of the event was an illuminating online keynote delivered by **Mr. Ankit Soni**, an Executive Officer at **BPCL** with a distinguished career history at **Reliance Industries (RIL)** and **Nayara Energy**. His session focused on the "Power of Exploration," providing students with a visionary roadmap of the diverse career opportunities within the global chemical and energy sectors. By sharing real-world industrial experiences, Mr. Soni helped bridge the gap between academic theory and professional practice. This inspiring lecture encouraged students to move beyond traditional boundaries and embrace continuous learning to succeed in the rapidly evolving engineering landscape.



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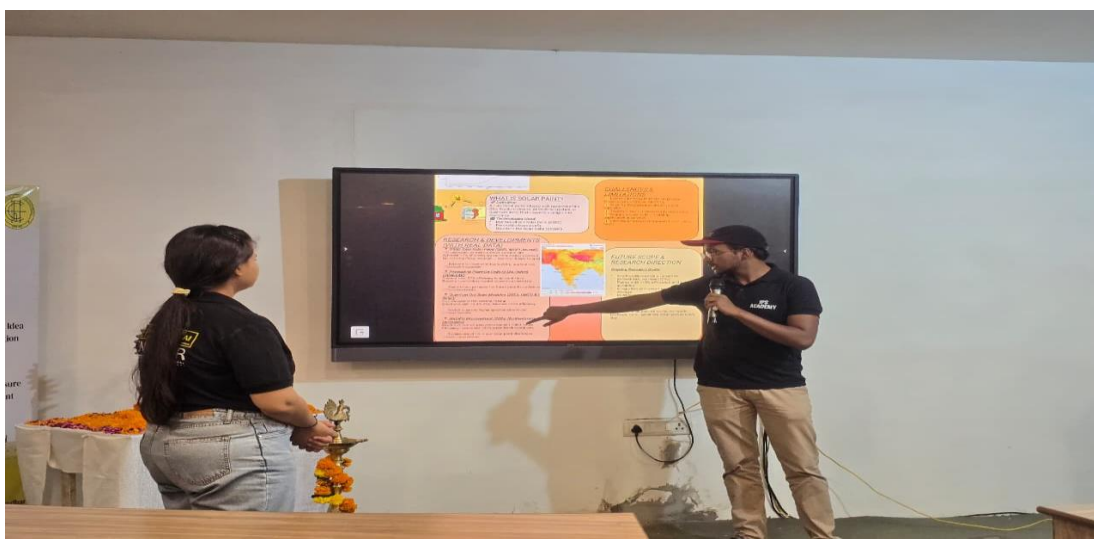
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## Innovative Idea Presentation

The **Innovative Idea Presentation** served as a cornerstone of the festival, providing a dynamic platform for students to pitch original engineering concepts and sustainable solutions. With a strong emphasis on the event's objective of environmental stewardship, participants presented creative strategies aimed at "helping Mother Earth heal." These presentations allowed young minds to demonstrate their technical feasibility, problem-solving capabilities, and research depth in front of a panel of experts. By translating theoretical chemical engineering principles into practical project models, students not only showcased their ingenuity but also refined their ability to defend their ideas under technical scrutiny. This segment was instrumental in fostering an entrepreneurial spirit and a sense of professional responsibility toward global sustainability challenges among the future engineers.



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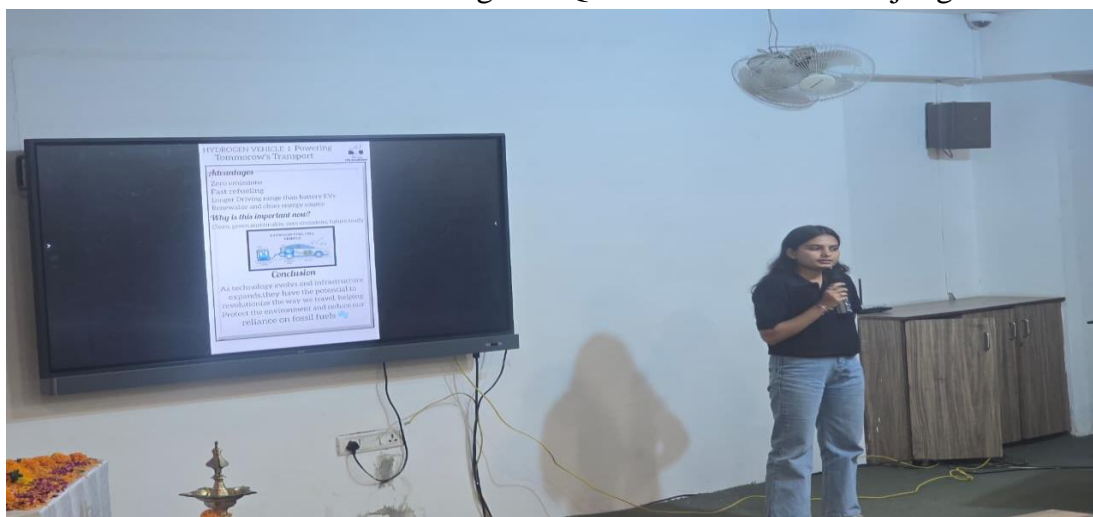
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## Technical Poster Presentation

The **Technical Poster Presentation** provided a unique visual platform for students to condense complex engineering theories into insightful and engaging displays. Participants were tasked with distilling high-level research and data into clear, structured layouts that could be easily communicated to both peers and faculty. This segment emphasized the importance of **visual communication** in the professional world, requiring students to balance technical depth with aesthetic clarity. By presenting their findings on topics ranging from process optimization to sustainable chemical technologies, students demonstrated their ability to analyze data and draw meaningful conclusions. This session not only tested their mastery of the subject matter but also refined their **public speaking and presentation skills**, as they had to defend their research during live Q&A sessions with the judges.



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## Day 2

The second day of **INNOVITA 2025** began with a renewed sense of energy, shifting the focus from the theoretical foundations of the first day to the practical application of talent and competitive spirit. The morning sessions were designed to challenge the analytical capabilities of the participants, fostering an environment where technical knowledge met real-world quick-thinking. This phase of the event was crucial in highlighting the versatility of the upcoming chemical engineers, proving that they possess not only deep academic insights but also the creative drive necessary for modern industry leadership. As the day progressed, the atmosphere transitioned from intense intellectual competition to a vibrant celebration of the students' diverse personal strengths and artistic talents. This balanced approach ensured that the festival concluded on a high note, reinforcing the department's commitment to developing well-rounded professionals who are ready to carry the "Flame of Progress" into their future careers.



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## Quiz Competition

The **Quiz Competition** was a high-energy highlight of Day 2, designed to challenge the intellectual boundaries and technical wit of the participants. This segment pushed students to demonstrate their mastery of a wide range of subjects, ranging from core chemical engineering principles to logical reasoning and current industrial trends. The rapid-fire nature of the competition required not only deep knowledge but also the ability to think under pressure and make quick, accurate decisions. By testing their reasoning skills in a competitive environment, the quiz fostered a spirit of healthy academic rivalry and intellectual curiosity. Ultimately, this session served as a vital tool for self-assessment, allowing students to identify their strengths and areas for further learning while celebrating the power of knowledge.



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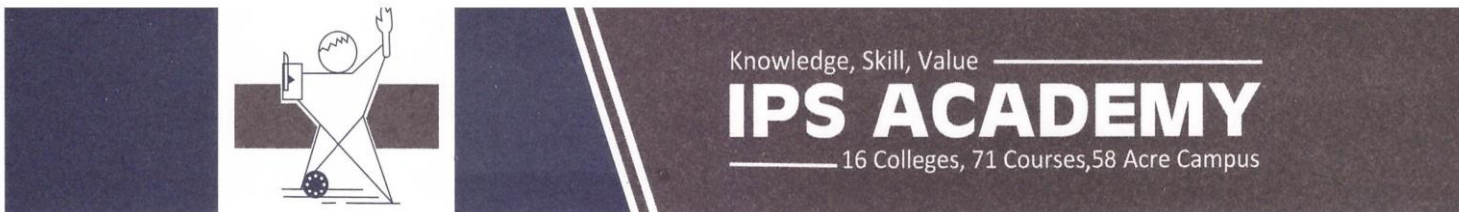
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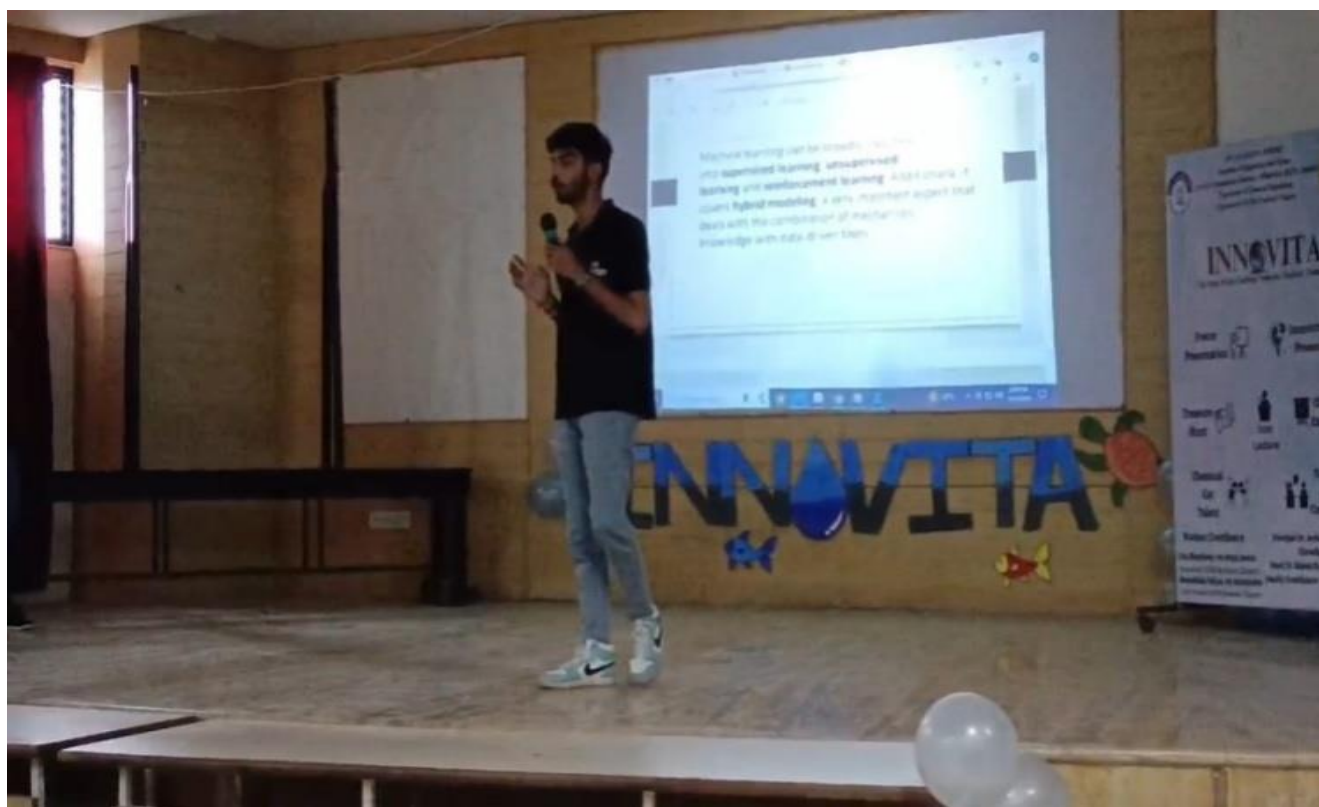
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## Chemical Got Talent

The **Chemical Got Talent** segment served as a vibrant conclusion to the technical sessions, providing a unique stage for the fourth-year chemical engineering students to unveil their diverse creative abilities. Moving beyond the rigors of thermodynamics and reaction engineering, this showcase highlighted the holistic development of the graduating batch, featuring a variety of performances that ranged from artistic displays to cultural talents. This segment was instrumental in fostering a sense of camaraderie and department pride, allowing students to celebrate their journey and personal growth over the past four years. By integrating such a creative platform into a technical fest, the department emphasized the importance of a well-rounded personality, proving that the modern engineer is defined by both technical mastery and a versatile, innovative spirit. It was a heartwarming reminder that the "Flame of Progress" is fueled as much by passion and creativity as it is by scientific knowledge.



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## Objective

The **Objective** of INNOVITA 2025 was rooted in the dual mission of professional excellence and environmental responsibility. At its core, the event sought to develop a profound sense of concern toward "Mother Earth," inspiring future engineers to identify innovative ways to help the planet heal through sustainable technology. Beyond environmental stewardship, the fest aimed to bridge the gap between academic theory and the rapidly evolving standards of the chemical industry. By providing a competitive platform, the department focused on equipping students with essential soft skills, such as **public speaking, technical presentation**, and logical reasoning. Ultimately, the objective was to transform students into well-rounded professionals who possess not only the technical mastery to drive industrial progress but also the ethical mindset required to lead global sustainability efforts.



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## Awards for Eminent Undergraduates

The festival reached its grand finale with the **Award and Valedictory Ceremony**, a moment dedicated to recognizing the hard work and brilliance of the participants. In an atmosphere filled with pride, the department honored the **deserved and eminent undergraduates** who stood out in various technical and creative categories. Winners were presented with prizes and certificates as a testament to their dedication to innovation and excellence in STEM. This concluding segment not only celebrated individual achievements but also served as an inspiration for all students to continue striving for professional growth. It was the perfect culmination of two days of learning, ensuring the "Flame of Progress" continues to burn bright.

"The distribution of prizes marked a proud milestone for the department, celebrating the ingenuity and persistence of our young engineers. These accolades serve as a reminder that dedication to technical excellence is the key to driving the '**Flame of Progress**' forward into the future."



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## Conclusion

The successful execution of **INNOVITA 2025** stands as a testament to the Department of Chemical Engineering's commitment to fostering a culture of innovation and responsibility. Over the course of two dynamic days, the festival transitioned from deep industrial insights provided by **Mr. Ankit Soni** to the high-stakes intellectual challenges of the **Quiz Competition** and **Technical Presentations**. By centering the event on the theme of "helping Mother Earth heal," the department effectively instilled a sense of environmental stewardship in the next generation of engineers. The diverse range of activities—from the analytical rigors of poster sessions to the creative showcase of "**Chemical's Got Talent**"—ensured a holistic developmental experience for every participant. This blend of technical mastery and soft-skill refinement has prepared our students to navigate the complexities of the modern industrial landscape with confidence. As the "Flame of Progress" continues to burn, the echoes of this symposium will undoubtedly inspire ongoing research, sustainable practices, and professional excellence among the student body. Ultimately, **INNOVITA 2025** was more than just a technical fest; it was a launching pad for future leaders dedicated to engineering a cleaner, more efficient, and more sustainable world for all.



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