

# ELIXIR 2.0

This year's ELIXIR 2.0 event was graced by LK Atheeq, an IAS Officer and Additional Chief Secretary to the Chief Minister of Karnataka, who served as the Chief Guest. The exhibition commenced with a ribbon-cutting ceremony at 9:45 AM, followed by a congratulatory message from the Chief Guest. The event provided a comprehensive platform for diverse academic, technological, and cultural exhibits, further fostering innovation and collaborative learning among students and faculty at St. Joseph's University.

## **Main Auditorium: The Principal's Conclave**

Following the inauguration, dignitaries proceeded to the Main Auditorium for the Principal's Conclave, which saw the participation of 21 principals. Dr. Vaishnavi delivered a welcoming address, followed by Dr. Christo Selvan, Dean of the School of Business, who outlined the purpose of the conclave.

Dr. Selvan emphasized the importance of fostering collaboration between higher secondary schools and universities to ensure a seamless transition for students. A major theme of his talk was the integration of artificial intelligence (AI) into education. He highlighted the need for students to develop skills relevant to the evolving technological landscape, making them globally competitive. The conclave also discussed the need for policy measures to align educational objectives with industry needs, reducing the gap between theoretical learning and practical applications.

The conclave concluded with a consensus on the necessity of a globally minded education system, preparing students to navigate a complex world.

## **Session Highlights**

Several distinguished speakers addressed the audience during ELIXIR 2.0, covering topics such as AI in education, early exposure to higher education, and the integration of technology into learning.

Mrs. Anupama Ramachandra spoke on "Future Trends in AI Education," underscoring the transformative impact of AI on education. She encouraged educators to embrace AI not as a threat but as an enhancement to teaching. Her talk also touched on how AI could be used to tailor education to individual student needs, using data analytics to predict strengths and weaknesses.

Mrs. Anitha Bijesh emphasized the importance of early exposure to higher education. She argued that by engaging students at a young age, they could be better prepared for future challenges. Early awareness of career opportunities would help students align their education with their ambitions.

Mrs. Hamsa Venugopal presented on "Technology Integration and Digital Literacy," stressing the need to equip students with 21st-century skills like critical thinking and digital literacy. She discussed how collaboration tools have changed education and how global citizenship could be fostered through digital platforms.

### **Open House Panel Discussion: Building Collaborative Pathways**

Led by Ms. Amita Priyadarshini and Ms. Rupinder, this discussion focused on collaborative efforts to enhance educational outcomes. They discussed the role of alumni in mentoring students and improving academic standards. The panel also emphasized curriculum innovation, advocating for interdisciplinary approaches that connect classroom learning with real-life applications.

### **Faculty Development Programme**

Coordinated by Dr. Mrinmoyee Bhattacharya, the Faculty Development Programme aimed to enhance teaching methodologies. The programme included sessions on integrating AI into teaching, delivered by Mr. Shashank S. from the Indian Institute of Science. The event also featured a Teacher Commendation Ceremony, celebrating outstanding contributions by educators.

### **Arrupe Block Exhibits**

The Arrupe Block housed various exhibits, including the Philatelists and Numismatists Association (P.A.N.A). Led by Anup Lal G., this association exhibited a rich collection of currency notes, coins, and postal history. Highlights included rare and valuable currency notes, such as a 1000-rupee note with a market value of ₹80,000 to ₹90,000.

Another exhibit, Versatility of Marketing Through Generations, presented by 2nd-year BBA students, explored the evolution of marketing in food delivery services. The exhibit traced the transformation of marketing strategies from simplistic paper-based models to sophisticated, AI-driven customer engagement systems, emphasizing the importance of consumer satisfaction.

### **New Block Exhibits**

The New Block hosted exhibits from the Economics Department, which focused on India's Union Budget 2024. The exhibit covered topics such as GDP growth projections, new tax brackets, and subsidies for MSMEs, waste management, and fertilizers. This detailed analysis offered attendees a deeper understanding of the economic policies shaping India's future.

Also featured in this block was the School of India's NAVI Bot, an assistive technology innovation designed to help visually impaired individuals navigate their environment. Using advanced sensors and AI, the NAVI Bot provides real-time auditory and tactile feedback, enhancing mobility and independence for users.

## **Science Block Exhibits**

The Department of Statistics showcased an exhibit on the Hidden Markov Model (HMM), a statistical tool used to predict outcomes in complex systems. Applications of HMM in fields such as queuing theory, natural language processing, game theory, and investment strategies were demonstrated, illustrating the model's versatility in both theoretical and practical contexts.

Another significant exhibit was the Emergency Signal System, developed by Neha (232MCS53) and Varnika (232MCS20). This system uses radar technology to detect approaching ambulances and automatically switches traffic signals to green, allowing for faster navigation through congested roads. This innovation could potentially revolutionize emergency response times in urban areas.

## **Conclusion**

ELIXIR 2.0 served as a vibrant platform for innovation, dialogue, and collaboration. From the integration of AI into education to the development of assistive technologies, the event highlighted the power of interdisciplinary learning and its role in shaping the future. Through various exhibitions and discussions, ELIXIR 2.0 successfully demonstrated St. Joseph's University's commitment to fostering creativity, technology, and academic excellence.

For the Images of ELIXIR 2.0, kindly refer to the Photo Gallery: <https://sju.edu.in/gallery/104>