



Expert Lecture Organized by

“Innovations & 21st Century Skills”

G-20 Summit 2023, CAET, AAU, Godhra



Event Organized

Under the Indian Presidency, 18th Heads of State and Government Summit of the Group of 20 (G20) will take place during September 2023 in New Delhi, India., on the theme, ‘One Earth, One Family, One Future’. The theme affirms the value of human, animal, plant, and micro-organisms and their interconnections on planet earth and in the universe. To support the G20 Summit 2023 at the college level, the Indian Presidency has advised the implementation of various activities across different topics and subjects. As part of this initiative, a dedicated committee focusing on "Innovations & 21st Century Skills" has been established. Under the guidance of Er. Chirag Jadav, the Convenor of the committee and Assistant Professor in Mechanical Engineering in the Basic Engineering & Applied Sciences Department, and Er. Suryaprakash Suryavanshi, the Co-Convenor, a special expert lecture was organized on June 17, 2023. The lecture aimed to provide insights and foster discussions on innovations and the importance of 21st century skills. As experts in their respective fields, Er. Chirag Jadav and Er. Suryaprakash Suryavanshi, both affiliated with CAET, AAU, Godhra, curated an engaging session to inspire students and equip them with the necessary knowledge and skills required for the rapidly evolving 21st century landscape. This lecture is part of a series of initiatives undertaken in preparation for the G20 Summit 2023, with the intention of promoting innovation, collaboration, and the development of essential skills among the youth, thus contributing to the overarching goals of the summit.

About Event

Dr. Mukesh Tiwari, the esteemed lecturer and Head of the Soil and Water Conservation Engineering Department, graced the event with his expertise. The event commenced at 02:00 pm with a warm welcome address by Er. Chirag Jadav, who shed light on the significance of the G-20 summit 2023 and introduced Dr. Mukesh Tiwari, highlighting his remarkable achievements and contributions to research. A total of 22 students eagerly attended the lecture, eager to absorb Dr. Tiwari's wealth of knowledge.

Dr. Tiwari embarked on his presentation by delving into the fundamentals of innovation. With great clarity, he emphasized the pivotal role played by creativity, critical thinking, collaboration, communication, digital literacy, and an entrepreneurial mindset in fostering

innovative ideas. He provided insights into various forms of innovation, including product innovation, process innovation, service innovation, business model innovation, and technological innovation. Additionally, Dr. Tiwari expertly guided the students through the different revolutions of geospatial technology, elucidating their distinct characteristics and implications.

The lecture reached its pinnacle when Dr. Tiwari expounded upon Geographic Information Systems (GIS), describing it as a meticulously organized amalgamation of hardware, software, network infrastructure, data, people, and procedures. The students were captivated by his expertise and actively participated in the session, enthusiastically discussing their queries and uncertainties with Dr. Mukesh Tiwari. Overall, the lecture delivered by Dr. Mukesh Tiwari left a lasting impact on the students, who not only gained valuable insights into the realm of innovation but also revelled in the opportunity to engage with such a distinguished expert in the field.

Key Role of Officer, Faculty and Staff

The event was meticulously organized and seamlessly executed thanks to the efforts of Er. Chirag Jadav, the Convenor, and Er. Suryaprakash Suryavansi, the co-convenor. Their dedication ensured that all activities ran smoothly throughout the program. Supporting them wholeheartedly were Dr. Navneet Kumar, Dr. Gautam Kamani, Mrs. Shefali Modi, and Mrs. Hetal Tanna, who actively contributed their expertise in various capacities, ensuring the event's success from every possible angle. A special acknowledgment goes to Er. Kapil Mandloi, the Head of the BEAS Department, for providing unwavering support throughout the event. His guidance and assistance were invaluable in ensuring a well-coordinated and impactful program. The event's success and fruitfulness were further enhanced by the instrumental role played by Dr. R. Subbaiah, the Principal and Dean of CAET, AAU, Godhra. His leadership and vision were crucial in shaping the event and ensuring its positive outcomes. Overall, the collaborative efforts of all individuals involved made this event a resounding success.



