

36th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS (E3)
Interactive Presentations - 36th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND
ECONOMICS (IP)

Author: Mr. Sudarsan Nerella
University of Petroleum and Energy Studies, India

Mr. harsh dubey
University of Petroleum and Energy Studies, India
Ms. Vanshika Aggarwal
University of Petroleum and Energy Studies, India

ADVANCING SPACE GOVERNANCE AND POLICY IN THE 21ST CENTURY: AN EXPLORATION
OF STRATEGIES AND FRAMEWORKS

Abstract

The 21st century has brought about significant advancements in space technology and exploration, leading to an increased need for effective space governance and policy. With the rise of private space companies and the increased participation of various nations in space activities, the need for robust frameworks and strategies to govern the space domain has become paramount. The aim of this project is to explore and propose various strategies and frameworks for advancing space governance and policy in the 21st century. The project will examine the current state of space governance and policy and identify areas that require attention and improvement. The project will also examine the challenges faced by space governance and policy in the 21st century, including issues of national security, sustainability, and commercialization of space activities. The project will then propose strategies and frameworks to address these challenges, including the development of international agreements, the establishment of regulatory bodies, and the adoption of new technologies to enhance space situational awareness and space traffic management. One key aspect of the project will be exploring the role of international cooperation in advancing space governance and policy. The project will examine the effectiveness of existing international agreements such as the Outer Space Treaty and propose new frameworks for collaboration and cooperation among nations. The project will also consider the role of private sector involvement in space activities and examine the potential benefits and challenges of increased commercialization. The project will also examine the ethical and societal implications of space activities, including issues of space debris, space weather, and the use of space for military purposes. It will propose policies and frameworks that address these concerns and ensure that space activities are conducted in a safe, sustainable, and equitable manner. In conclusion, this project seeks to explore and propose effective strategies and frameworks for advancing space governance and policy in the 21st century. By addressing the challenges and opportunities presented by the current state of space activities, the project aims to contribute to the development of a safe, secure, and sustainable space environment that benefits all nations and peoples.