



INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE, ENGINEERING,
MANAGEMENT AND HUMANITIES (ICASEMH – 2023)

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IMPORTANCE OF AIRPORTS IN AVIATION INDUSTRY

SHAMASHAD BEGUM

Research Scholar, Ph. D in Aviation
CMJ University, Jorabat, Meghalaya.

ABSTRACT

AIRPORTS are crucial nodes in the aviation industry that enable worldwide connectivity, propel economic growth, and nurture innovation and advancement. For many reasons, airports are vital to the aviation industry:

- **Centre for Transportation:** Connecting different regions, cities, and nations, airports play a crucial role in transportation. They make it possible for people and goods to travel around the world, which in turn opens up opportunities for commerce, tourism, and enterprise.
- **Effect On the Economy:** The areas around airports reap substantial economic benefits. Airport operations provide direct job possibilities, while ancillary businesses like hospitality, transportation, and tourism provide indirect job opportunities.
- **Making Trade and Commerce Easier:** The efficient transportation of commodities and products is a key component of airports, which in turn promote global trade and business. They help global supply chains by providing a fast and effective way to deliver goods with a high monetary value or a tight deadline.
- **Being Able to Access:** If not for airports, it may be quite difficult to reach faraway or distant places. They improve connectivity and cut down on travel time, allowing individuals easy access to places all over the globe.
- **Promoting Travel:** Tourists frequently have their initial encounter with a new location at the airport. They are vital to the expansion of the tourist sector because of the impact they have on visitors' perceptions and experiences.



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- **Regional Development Catalyst:** By luring investors, companies, and infrastructure developers to the surrounding communities, well-functioning airports can spur regional growth.
- **Providing Assistance to Airline Operations:** Airports are vital to the smooth operation of airlines because of the infrastructure and services they offer. Runways, terminals, fuelling facilities, air traffic control, maintenance services, and ground handling services are all part of this.
- **Protection And Well-Being:** To keep planes running smoothly and safely, airports put safety and security first. To ensure the safety of passengers, crew, and aircraft, they put strict security measures in place, including as screening people, checking bags, and managing air traffic.
- **Innovation In Technology:** In order to streamline operations, provide a better experience for passengers, and lessen their influence on the environment, airports are always investing in new technology. Automated check-in, biometric identification, renewable energy, and smart airport technologies are all examples of these advancements.