

ECO950:- Everyday Economics

÷ Assignment :-

"In India Aviation Industry is much Risky"
Reality or myth

Group members:-

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Submitted to:-

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Introduction:-

Aviation:-

Aviation or air transport are the activities surrounding mechanical flight and the air craft Industry. Aircraft includes fixed wing and rotary wing types, morphable wings, wing less lifting bodies, as well as lighter than air craft such as hot air balloons and airships.

Aviation began in the 18th century with the development of the air balloons. Some of the most significant advancement in aviation technology came with the controlled gliding flying of Otto Lilienthal in 1896.

History:-

There are early legends of human flight such as the stories of Icarus in Greek myth Jamshid and Shah Kay Kavius in Persian myth and the flying automaton of Archytas

Kilometer in domestic airline demand growth of 10.6% in 2018. was three times the global RPK growth of 6.5%.

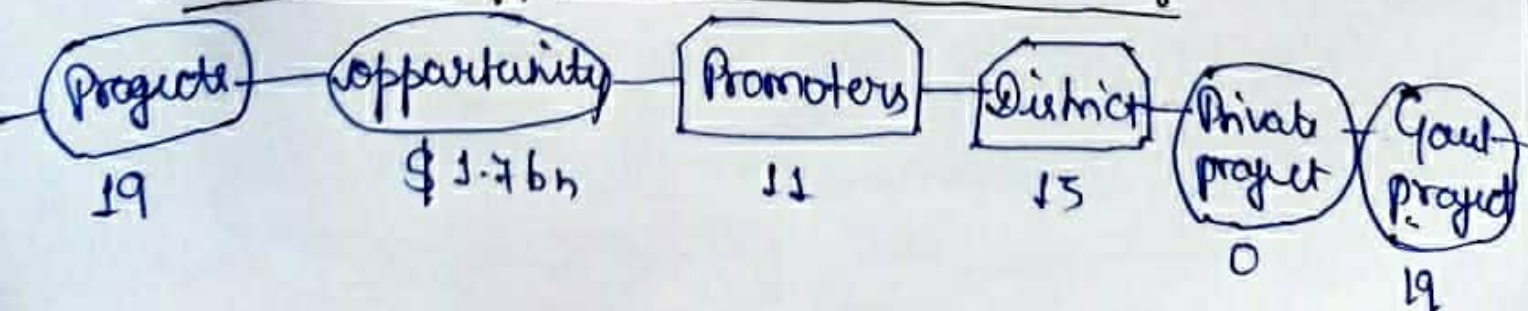
Industry Scenario:-

The aviation sector in India currently contributes \$72 bn to GDP.

India has 464 airports and airstrips, of which 125 airports are owned by Airport Authority of India (AAI). These 125 AAI airports manage close to 70% of domestic passenger traffic and 22% of International passenger traffic.

Maintenance, Repair and Overhaul industry is expected to grow to \$1.2 bn by 2020 from \$950 mn currently.

Investment opportunities in Aviation:-



Quantum (RD-347 BC)

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Operations of aircraft:-

Civil aviation:-

Civil aviation includes all non-military flying both general aviation and scheduled air transport.

Air transport:-

- Airbus
- Boeing
- Bombardier
- Embraer

Military Aviation:-

- Fighter aircraft
- Ground attack aircraft
- Bombers
- Transport aircraft
- Surveillance aircraft
- Missiles

Aviation accidents and incidents:-

The first fatal aviation accident occurred

In a Wright model A aircraft at Fort Myer Virginia USA on September 17 1908, resulting in injury to the pilot, Orville Wright and death of the passenger, Signal Corps Lieutenant Thomas Selfridge.

Air Traffic Control (ATC):-

There are four types of ATC:-

- center controller
- control towers
- oceanic controllers
- terminal controllers.

Indian Aviation:-

India is now the 3rd largest and fast growing aviation market in terms of domestic ticket sold.

India has 91 International carriers comprising of 5 Indian carriers and 86 foreign carriers which ensure that India is well connected with most major countries. Revenue Passenger

Major Incidents:-

Air Asia

Air Bus

Frankfurt airport

Rolls Royce

Risks in the Aviation Industry:-

- Volatility in the Geopolitical and Economic Environment
 - ⇒ Managing the Supply chain
 - ⇒ competition in domestic and International markets.
 - ⇒ Managing and Retaining talent in the Aviation Industry
 - ⇒ Availability to perform contracts.
 - ⇒ compliance with a wide range of regulations and restrictions.
 - ⇒ Incapacity to Innovate.

Failures to realise the benefits of MTAs and partnerships.

Exposure to cybersecurity events

Foreign currency and commodity price fluctuations.

Benefits of Aviation Industry:-

- A major contributor to Global economic prosperity
- air connectivity supports Caribbean tourism
- shared value : nostra Hurta.

Maximizing the benefits of Aviation:-

- Economic development planning
- Air transport regulatory Framework.
- Aviation Infrastructure.
- Resource mobilization
- Safety and security
- Environmental protection
- Public Engagement

Top 14 Highest-Paying Aviation jobs in world:-

- 1) Airline Pilot (\$100,300)
- 2) Air traffic controller (\$82,390)
- 3) Air marshal (\$68,700)
- 4) Airframe and powerplant mechanic (\$52,000)
- 5) Flight Dispatcher (\$49,300)
- 6) Avionics Technician (\$45,350)
- 7) Flight Attendant (\$38,890)
- 8) Ticket / Customer Service Agent (\$28,460)
- 9) Ramp Agent / Linesperson (\$28,100)
- 10) Airport security Handler (\$24,500)
- 11) Aircraft / cabin cleaner (\$26,000)
- 12) Custodian (\$25,100)
- 13) Baggage Handler (\$23,500)
- 14) Concessionaire / \$23,000)