Aviation & Aerospace Sector

• According to IATA –40% of air travel will take place in the Asia Pacific Region. Aviation and Aviation enabled tourism will account for over 24 million jobs and $500 billion in economic activity across the Asia Pacific Region over the next 15 years.

• TOI – 29 Aug 2018 - Uber plans to start aerial taxis by 2023 in Dallas, LA and five other countries

• Government of India incorporated the Aerospace and Aviation Sector Skill Council in Sep 2014. Over 70 Qualification packs have been developed for job roles in five key sectors.
  • Aerospace Design & Development
  • Aerospace Manufacturing & Assembly
  • Airline Operations
  • Airport Operations, Cargo & Ground Handling
  • Maintenance Repair & Overhaul (MRO)
STEP BACK & PLAN AHEAD

1st Revolution: Mechanization, steam and water power
2nd Revolution: Mass production and electricity
3rd Revolution: Electronic and IT systems, automation
4th Revolution: Physical, digital, biological technologies

EMERGING SKILL ECOSYSTEM

<table>
<thead>
<tr>
<th>USED TO BE</th>
<th>WILL BECOME</th>
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<tbody>
<tr>
<td>Train &amp; Push</td>
<td>Demand Driven</td>
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<tr>
<td>Certification Centered</td>
<td>Employability Driven</td>
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<tr>
<td>Broad-based Training</td>
<td>Specialized Training</td>
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<tr>
<td>Government Driven</td>
<td>Public Private Partnership</td>
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Aware
Agile
Adaptable
TELANGANA – Youngest and 12th Largest State in India

Telangana Academy for skill and Knowledge

- 500+ Colleges Registered
- 200000+ Youth Skilled
- 4000+ Faculty Skilled

- Sectors Covered
  - IT-ITES
  - Life Sciences
  - Healthcare
  - Aviation & Aerospace
  - Banking and Financial Services
Telangana Academy for Skill and Knowledge was established by the Government of Telangana for enhancing skilling synergy between institutions of Government, Industry & Academia.
FUTURE PROOFING

**Enhancing Awareness on the Potential of the AA Sector.**
- Develop NOSs & Qualification Packs,
- Conducting Academic Meets
- Enabling Industry Visits

**Enhance Collaboration Academic, Industry & Government**
- Local Skill Gap Studies
- Faculty Development Programs.
- BVOC Airport Operation
- Establish COE’s
- Technology Entrepreneurship Program

**Creative Skilling**
- Making Learning Stick, Professors of Practice.
- Workshop on flying UAV’s & its applications.
- Demand based Supply - Finishing Schools
Thank You

Telangana Academy for Skill and Knowledge
Department of ITE&C, Government of Telangana

www.task.telangana.gov.in