

AC –

Item No. –

**As Per NEP 2020**

**Tolani College of  
Commerce  
(Autonomous)**



**Title of the Course: Introduction to Aviation and Airport Operations  
(Semester IV)**

**Programme: Bachelor of Business Administration  
(Logistics)**

**Syllabus for 2 Credit Course from the Academic Year 2024-2025**

## Name of the Course: Introduction to Aviation and Airport Operations

Sr. No.	Heading	Particulars
1	<p><b>Description of the course :</b></p> <p><b>Including but not limited to :</b></p>	<p>This course provides a comprehensive understanding of the aviation industry and airport operations equipping students with the knowledge to navigate the complexities of air transport.</p> <p>Historical milestones, international regulations, airline business models, and ground operations</p>
2	<b>Vertical :</b>	Major
3	<b>Type :</b>	Theory
4	<b>Credit:</b>	2 credits
5	<b>Hours Allotted :</b>	30 Hours
6	<b>Marks Allotted:</b>	50 Marks Continuous Evaluation 20 marks and Semester End Examination 30 marks
7	<p><b>Course Objectives:</b></p> <ol style="list-style-type: none"> <li>1. To develop competencies and knowledge of students to become Aviation Professionals.</li> <li>2. To help Students to understand Fundamentals of Aviation Industry &amp; Airport Operations.</li> </ol>	
8	<p><b>Course Outcomes:</b></p> <ol style="list-style-type: none"> <li>1. Ability to apply the Basic knowledge of Aviation and Airport Operations in the real-life situation</li> <li>2. This subject will enable them to enhance their ability and professional skills in the Aviation Industry&amp;AirportOperations</li> </ol>	

<b>9</b>	<b>Module 1: History of Aviation &amp; Key Organizations (15 hours)</b>
	<ol style="list-style-type: none"> <li>1. History of Aviation through the Ages: <ul style="list-style-type: none"> <li>▶ Origins in Greek Mythology</li> <li>▶ The Wright Brothers</li> <li>▶ Aviation in the Era of World War 1 &amp; 2</li> <li>▶ Commercial Aircraft Era</li> <li>▶ Modern Jetliners</li> </ul> </li> <li>2. Key Organizations in the Aviation Industry: <ul style="list-style-type: none"> <li>▶ ICAO - International Civil Aviation Organization</li> <li>▶ IATA - International Air Transport Association</li> <li>▶ MoCA - Ministry of Civil Aviation</li> <li>▶ DGCA - Directorate General of Civil Aviation</li> <li>▶ AAI - Airports Authority of India</li> </ul> </li> </ol>
	<b>Module 2: Airline Business, &amp; Airport Operations (15 hours)</b>
	<ol style="list-style-type: none"> <li>1. Airline Business: <ul style="list-style-type: none"> <li>▶ Business models</li> <li>▶ Airline Manufacturers</li> <li>▶ Airline Cabin Classes</li> <li>▶ Time Zones</li> <li>▶ Codes (Country, City, Carrier, Currency, Aircraft Registration, Airline Phonetics)</li> </ul> </li> <li>2. Airport Operations: <ul style="list-style-type: none"> <li>▶ Airport Functional Layout (Landside, Airside)</li> <li>▶ Governmental Agencies at Airports</li> <li>▶ Baggage Handling and Airside Operations</li> <li>▶ Infrastructure &amp; Facilities</li> <li>▶ Key Information Technology Systems at Airports</li> </ul> </li> </ol>

<b>10</b>	<b>Reference Books:</b> <ul style="list-style-type: none"> <li>● LSC. "Course Material Prepared by LSC."</li> <li>● Ashford, Norman, Pierre Coutu, and John Beasley. Airport Operations. McGraw-Hill Education, 3rd edition, 16 December 2012.</li> <li>● Sengupta, P.S. Principles of Airport Economics. Excel Books, 1 December 2007.</li> <li>● Graham, Anne. Managing Airports: An International Perspective. Routledge, 5th edition, 9 June 2018.</li> <li>● IATA Airport Handling Manual. 40th edition, 2020.</li> <li>● IATA Ground Operations Manual. 9th edition, 2020.</li> </ul>
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<b>11</b>	<b>Internal Continuous Assessment: 40%</b>	<b>Semester End Examination: 60%</b>	
<b>12</b>	<b>Continuous Evaluation through: (20 marks)</b>	1) Case Study, Class Presentation and Research Assignments (10 marks) 2) MCQ Based Test (10 marks)	A Learner must be present for each of the sub-component
<b>13</b>	<b>Format of SEE Question Paper: (30 marks)</b>		
	<b>Question No.</b>	<b>Nature of Question</b>	<b>Maximum Marks</b>
	<b>Q-1</b>	Answer the following: (attempt any 2 of 3) a) b) c)	10 Marks
	<b>Q-2</b>	Answer the following: (attempt any 2 of 3) a) b) c)	10 Marks
	<b>Q-3</b>	Answer the following: (attempt any 2 of 4) a) b) c) d)	10 Marks

### Signatures of Team Members

<b>Sr.No.</b>	<b>Name</b>	<b>Signature</b>
1.	Ms. Amrita Nambiar	
2.	Mr. G. Kumar	