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|-----------------------|--------------------------|
| <b>COURSE TITLE</b>   | <b>AIR AND SPACE LAW</b> |
| <b>COURSE CODE</b>    | <b>10FL01001</b>         |
| <b>COURSE CREDITS</b> | <b>4</b>                 |

**Objective:**

- 1 To understand the meaning and the scope of Air and Space Law
- 2 To the scope of Air Law
- 3 To comprehend the importance of the safety and security measures of aircraft and airports.
- 4 To know the role of the moon treaty to both space and people.
- 5 To explore and acknowledge space and its magnitude.
- 6 To create acquaintance on the Subject discipline of Civil Aviation and Outer Space Laws
- 7 To Learn the concept of various aviation laws and Outer Space activities
- 8 To Understand the applicable Rules and principle in both industry in India

**Course Outcomes:** After completion of this course, student will be able to:

- 1 knowing the meaning of air and space law
- 2 Importance of moon treaty 1967
- 3 understanding the importance of maintaining aircraft and security
- 4 the explore the Chicago convention 1944.
- 5 To understand the importance of administration of outer by UNOOSA and Air space by ICAO

**Pre-requisite of course:**N/A

**Teaching and Examination Scheme**

| <b>Theory Hours</b>    | <b>Tutorial Hours</b>   | <b>Practical Hours</b> | <b>ESE</b> | <b>IA</b> | <b>CSE</b> | <b>Viva</b> | <b>Term Work</b>     |
|------------------------|---|------------------------|------------|-----------|------------|-------------|----------------------|
| 3                      | 1   | 0                      | 50         | 30        | 20         | 0           | 0                    |
| <b>Contents : Unit</b> | <b>Topics</b>   |                        |            |           |            |             | <b>Contact Hours</b> |
| 1                      | <b>International Aviation Law</b><br>Nature and scope of the civil aviation industry, Historical development of civil aviation, Freedom and sovereignty in the air, International conventions on civil aviation, Product Liability in Aviation, Strict Liability in Aviation Crashworthiness-Punitive Damages-Codification of Product Liability, Convention on International Civil Aviation- Chicago Convention 1947, The Warsaw Convention, 1929, The Tokyo Convention, 1963, The Hague Convention, 1970, The Montreal Convention, 1999, Convention on the Marking of Plastic Explosives for the Purpose of Detection 1998 |                        |            |           |            |             | 10                   |

| <b>Contents : Unit</b> | <b>Topics</b>  | <b>Contact Hours</b> |
|------------------------|--|----------------------|
| 2                      | <b>National Aviation Laws &amp; Guidelines</b><br>Historical development of law on civil aviation in India, Aircraft Act 1934 / Amendment Act 2020 & Regulations 2022, Tokyo Convention Act, 1975, The Carriage by Air (Amendment) Act, 2016, The Anti-Hijacking Act, 2016, The Airports Economic Regulatory Authority of India Act, 2008, The Foreign Aircraft Exemption from Taxes and Duties on Fuel and Lubricants Act, 2002, Aircraft (Investigation of Accidents and Incidents) (Amendment) Rules, 2022 published vide GSR 310(E), Drones Rules, 2021/2022, National Air Sports Policy (NASP) 2022, Drone Import Policy dated 09 Feb 2022, Guidelines for setting up of Greenfield Airports, Report of the Committee Constituted to Oversee the Implementation of Recommendations Made in the Kozhikode Aircraft Accident Investigation Report | 10                   |
| 3                      | <b>International Space Law</b><br>Nature, Definition & Scope of Space Law, historical background, Fundamental Principles of space laws: Province of all Mankind- Freedom of Exploration, Use and Scientific Investigation, Jurisdiction and Control, Cooperation between the States Astronauts, Envoys of Mankind, International conventions - Outer Space treaty 1967 - The Rescue Agreement of 1968. - The Space Liability Convention of 1972. - The Registration Convention of 1976. - The Moon Treaty of 1979 - Space Debris and the Law - IPR and Space Law - India's response to various International Space Conventions   | 12                   |
| 4                      | <b>National Regulation, Commercialization and Privatization</b><br>ISRO ,National Space Act (Draft) , India's Space Policy, Satellite Communication , Policy , Registration of an Indian Satellite System, Remote Sensing ,Commercialization of Space Activities ,NASA clauses in various agreements , Space Spin Offs From ISRO , Opening Up Indian Space Sector for Private Sector –Reforms , IADC Space Debris Mitigation Guidelines 2020 • IPR and Space Law   | 13                   |
| <b>Total Hours</b>     |  | <b>45</b>            |

#### Suggested List of Experiments:

| <b>Contents : Unit</b> | <b>Topics</b>   | <b>Contact Hours</b> |
|------------------------|---|----------------------|
| 1                      | <b>Issues related to International Air &amp; Space Law</b><br>Issues related to International Air & Space Law | 15                   |
| <b>Total Hours</b>     |   | <b>15</b>            |

#### Textbook :

- 1 Air Law and Policy in India , Salaigram Bhatt & V Balakista Reddy , .., 1994

### Suggested Theory Distribution:

The suggested theory distribution as per Bloom's taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

| Distribution of Theory for course delivery |            |       |         |          |                                  |
|--|------------|-------|---------|----------|----------------------------------|
| Remember / Knowledge                       | Understand | Apply | Analyze | Evaluate | Higher order Thinking / Creative |
| 10.00                                      | 10.00      | 30.00 | 10.00   | 20.00    | 20.00                            |

### Supplementary Resources:

- 1 <https://www.bing.com/ck/a?!&&p=13bc146d280e734cJmltdHM9MTY3ODA2MDgwMCZpZ3VpZD0yNjVIMjUwZS0xMzY3LTY3YzYtMDhjZC0zNGMyMTJmYzY2NWYmaW5zaWQ9NTE5Ng&pptn=3&hs h=3&fclid=265e250e-1367-67c6-08cd-34c212fc665f&psq=renvoi&u=a1aHR0cHM6Ly9ibG9nLmlwbGVhZGVycy5pbi9kb2N0cm luZS1vZi1yZW52b2kv&ntb=1>
- 2 <https://www.bing.com/ck/a?!&&p=13bc146d280e734cJmltdHM9MTY3ODA2MDgwMCZpZ3VpZD0yNjVIMjUwZS0xMzY3LTY3YzYtMDhjZC0zNGMyMTJmYzY2NWYmaW5zaWQ9NTE5Ng&pptn=3&hs h=3&fclid=265e250e-1367-67c6-08cd-34c212fc665f&psq=renvoi&u=a1aHR0cHM6Ly9ibG9nLmlwbGVhZGVycy5pbi9kb2N0cm luZS1vZi1yZW52b2kv&ntb=1>
- 3 <https://www.bing.com/ck/a?!&&p=a795716e0e69a0c3JmltdHM9MTY3ODA2MDgwMCZpZ3VpZD0yNjVIMjUwZS0xMzY3LTY3YzYtMDhjZC0zNGMyMTJmYzY2NWYmaW5zaWQ9NTE5OQ&pptn=3&h sh=3&fclid=265e250e-1367-67c6-08cd-34c212fc665f&psq=lex +situs&u=a1aHR0cHM6Ly93d3cubGF3Y29sdW1uLmluL3J1bGUtb2YtbGV4LXNpdHVz LXVuZGVyLXByaXZhdGUtaW50ZXJuYXRpb25hbC1sYXcv&ntb=1>
- 4 <https://www.bing.com/ck/a?!&&p=a795716e0e69a0c3JmltdHM9MTY3ODA2MDgwMCZpZ3VpZD0yNjVIMjUwZS0xMzY3LTY3YzYtMDhjZC0zNGMyMTJmYzY2NWYmaW5zaWQ9NTE5OQ&pptn=3&h sh=3&fclid=265e250e-1367-67c6-08cd-34c212fc665f&psq=lex +situs&u=a1aHR0cHM6Ly93d3cubGF3Y29sdW1uLmluL3J1bGUtb2YtbGV4LXNpdHVz LXVuZGVyLXByaXZhdGUtaW50ZXJuYXRpb25hbC1sYXcv&ntb=1>
- 5 <https://www.unoosa.org>
- 6 <https://www.icao.int>
- 7 <https://www.mcgill.ca/iasl>
- 8 <https://home.heinonline.org>
- 9 <https://www.researchgate.net>