

NALSAR Directorate of Distance Education

M.A. (Space and Telecommunications Law)

P.G. Diploma (GIS and Remote Sensing Laws)

Semester I

Research Methodology

By

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Project Proposal

Space and Diplomacy



Statement of the Problem

- Space technology today is emerging as the common medium for social and national programmes. Socio-economic development programmes like health, education, communication, trade and commerce are only a few of the many sectors which are executed with the help of space technology (SP).

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- Even in a state's foreign and diplomatic strategies SP is being invoked as an instrument. This thesis discusses the various means of SP application for the advancement of a state's foreign policy interests. It may be mentioned that every State in the world uses several methods, short of war, to promote its diplomatic and security relations with other countries.
- These include: Economic aid, arms, trade concessions, foreign scholarships, capacity building and skill management.

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- These are part of a State's **Soft Power** distributions to foreign countries. Soft power is understood as a State's sharing of its economic, S&T, educational, health, digital and space technologies with needy countries. India is a major soft power donor to develop good will and friendly relations with other neighbours and other developing countries like Africa.

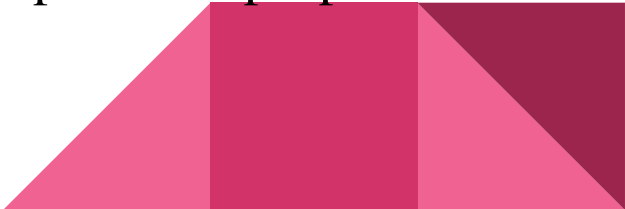


Chapterisation

For analytical purposes the thesis is divided into following chapters.

Chapter 1: Introduction

Survey of space revolution and its applications worldwide. India's SP development programmes. Space as an instrument of socio-economic development. India's employment of SP capacity for diplomatic purposes.



Chapter 2: Space Technology for Development Purposes

Sharing SP with SAARC countries by India – South Asia Satellite branded as GSAT-9 launched into space in May 2017 by India – GSAT-9 Objectives: tele education, tele medicine, weather forecasting, internet services, etc. India offers similar space related development programmes to African countries.



Chapter 3: Space technology for foreign trade and commercial cooperation.

Automation, E-commerce, logistics services, tele-business are fast emerging techniques for advancing India's economic relations with countries. For example, E-commerce and Digital connectivity figures prominently in India-ASEAN economic relations. India as a global IT power is expected to apply space technologies for trade promotion with foreign countries.



Chapter 4: Space technology for security

- Defence intelligence gathering and cyber security are key components of a State security system today. India has signed cyber security cooperation pacts with ASEAN, France, and USA. Indo-US defence and security cooperation recognizes military information sharing and secure communication systems through bilateral Geo-spatial arrangements. Both are negotiating exchanging Geo-spatial data. “India to sign geo-spatial deal with U.S.” (*Hindu*, October 27, 2020).
 - China’ cyber security threats to Indian security. MOD banned use of Chinese mobile phones by IAF personnel.
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Chapter 5: Space technology for disaster management

- After Indian Ocean Tsunami in December 2004, many IO countries have initiated tsunami early warning and disaster prevention programmes. India is in the forefront of offering HADR to several maritime disaster prone countries. IO Tsunami Early Warning Centre is located INCOIS (Indian National Centre for Ocean Information Services) in Hyderabad. This centre gives advance information within 10 minutes after an under-sea earthquake occurrence.
 - Indian Navy also established its own Centre to offer information on maritime threats and safe navigational services.
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Chapter 6: Conclusion

An analysis of the different space based services offered by India to foreign countries. Strengths and limitations of the SP programmes and initiatives undertaken by India. Recommendations for strengthening and consolidating SP for soft power related purposes by India.



Bibliography



Thank You

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