

In an initiative to encourage students to understand concepts better and promote critical thinking, the Tamil Nadu School Education Department has come out with an app called 'Manarkeni'. While videos will initially be made available for Class XII based on their first term lessons as well as for Classes VI to XI, the department aims to populate the app with videos for primary classes too over the next six months. The app can be found on the Google Play Store as 'TNSED Student'. "Learning must be made simple and enjoyable, and children must be taught in a manner that stimulates their mind. The videos on the app contain examples that children can relate to and practice well, with the aim of ensuring reinforcement of important concepts. The faculty members of the Tamil Nadu Dr. Ambedkar Law University also contributed to the platform by creating video lectures intended for CLAT exam preparation. The screenshots and video screenshots are attached.



# ലക്ഷ്മി

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Password



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CLAT Exam Preparation



Contract Of Intensity



Contract Of Intensity



Law Of Contract part1



Law Of Contract part2



Expository Theory Of Punishment



Jurisprudence Intro



Preventive Theory Of Punishment



Principle Of Proportionality



Reformative Theory Of Punishment

## வரவேற்புகள் !

மகிழ்வான சுற்றலாக இந்த பயணத்தைத் தொடங்குவோம்

Class

I

II

III

IV

V

VI

VII

VIII

IX

X

XI

XII

Class XII



Mathematics

த E



Chemistry

த E



Physics

த E



Botany

த E



Zoology

த E

Class XI



Mathematics

த E



Chemistry

த E



Physics

த E



Botany

த E



Zoology

த E

### CLAT Exam Preparation



CONTRACT OF  
INDEMNITY

Contract Of Indemnity



LAW OF CONTRACT

Law Of Contract part1



LAW OF CONTRACT

Law Of Contract part2



JURISPRUDENCE  
EXPIATORY THEORY OF PUNISHMENT

Expiatory Theory Of Punishment



JURISPRUDENCE

Jurisprudence Intro



PREVENTIVE THEORY  
OF PUNISHMENT

Preventive Theory Of Punishment



MULTIPLE APPROACH  
PRINCIPLE OF PROPORTIONALITY

Principle Of Proportionality



Reformatory Theory  
of Punishment

Reformatory Theory Of Punishment



RETRIBUTIVE THEORY  
OF  
PUNISHMENT

Retributive Theory Of Punishment



THEORIES OF PUNISHMENT

Theories Of Punishment



INTRODUCTION  
TO  
JURISPRUDENCE

Introduction to Jurisprudence



SCHOOLS  
OF  
JURISPRUDENCE

School of Jurisprudence



SCHOOLS  
OF  
JURISPRUDENCE  
PART -2

School of Jurisprudence part 2a



SCHOOLS  
OF  
JURISPRUDENCE  
PART -2

School of Jurisprudence part 2b



SCHOOLS OF  
JURISPRUDENCE  
PART -3

Schools Of Jurisprudence Part 3



SOURCES OF LAW

Sources of Law

CLAT Exam Preparation



Law Of Contract part2



Contract Of Indemnity



Law Of Contract part1



Law Of Contract part2



Etiology Theory Of Punishment



Jurisprudence



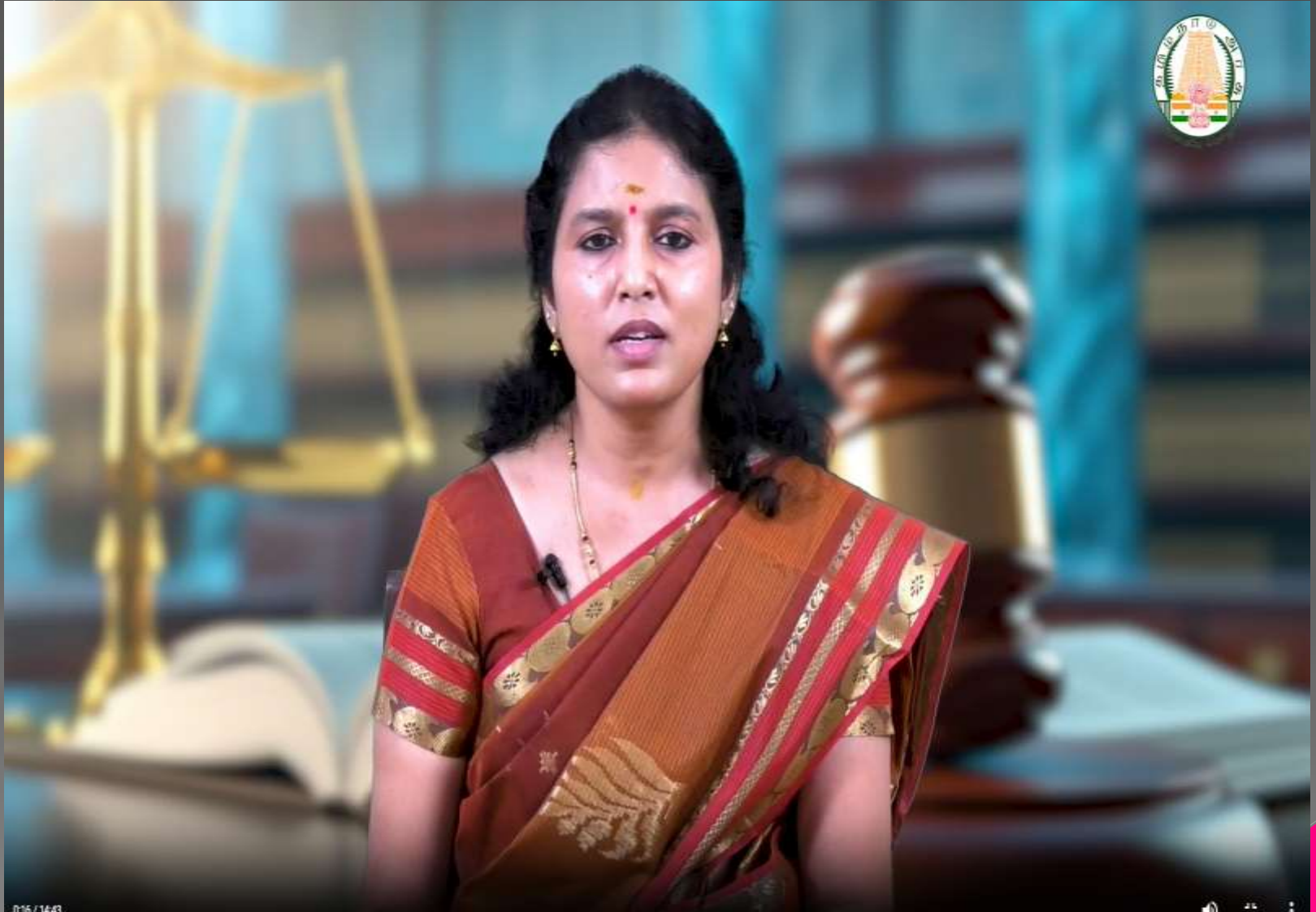
Preventive Theory Of Punishment



Theory Of Proportionality



Reformative Theory Of Punishment



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## Polar Science, Arctic Governance, Policy and Law

By Dr. P Sakthivel, Associate Professor & Director | The Tamil Nadu Dr.Ambedkar Law University, Chennai

**Learners enrolled: 1399**

### Polar Science, Arctic Governance, Policy and Law



**Welcome to the fascinating course on Polar Science, Arctic Governance, Policy, and Law!**

In this comprehensive course, we embark on an illuminating journey through the Arctic and Antarctic, where the intricate interplay of science, governance, and policy unfolds with a profound environmental significance. Our exploration begins with a foundational understanding of the Polar Regions, decoding their mysteries and delving into the basic concepts of polar science, governance, and law.

Subsequently, the course traverses the vast expanse of polar and ocean sciences, unraveling the role of satellite oceanography, scientific information systems, and the complexities of ocean governance.

As we focus more on the Arctic, we uncover its rich history of exploration, environmental concerns, and the unique challenges faced by indigenous populations amidst rapid industrialization and shipping activities.

The legal and political dimensions of Arctic governance come into sharp focus as we analyze international laws, treaties, and the competing interests of nations and stakeholders in shaping Arctic policies.

Moving to the Antarctic, we explore its pristine wilderness, the historical context of exploration, and the delicate balance between conservation and commercial interests in this unique governance model. Against the backdrop of a rapidly changing climate, we delve into the science of climate change, its profound impacts on the cryosphere, and the evolving political and legal responses at both international and national levels. Through insightful case studies and rigorous analysis, we confront the global challenges facing polar regions, from competing territorial claims to the urgent need for environmental conservation and sustainable resource management.

Finally, we examine India's burgeoning role in polar affairs, from its interests in the Arctic to its contributions to conservation efforts in the Antarctic and the vital region known as the Third Pole.

With a wealth of scholarly resources at our disposal, this course promises to be a captivating exploration of the critical issues shaping the future of polar science, governance, policy, and law.



## Summary



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([https://swayam.gov.in/nc\\_details/UGC](https://swayam.gov.in/nc_details/UGC))

Course Status :	About Swayam ( <a href="https://swayam.gov.in/about">https://swayam.gov.in/about</a> )   All Courses   <a href="#">0</a>
Course Type :	Elective
Language for course content :	English
Duration :	15 weeks
Category :	<ul style="list-style-type: none"> <li>Multidisciplinary</li> </ul>
Credit Points :	4
Level :	Undergraduate/Postgraduate
Start Date :	18 Jul 2024
End Date :	31 Oct 2024
Enrollment Ends :	31 Aug 2024
Exam Date :	15 Dec 2024 IST
Exam Date :	9:00AM to 12:00PM (Live doubt classes every weekend)

Note: This exam date is subject to change based on seat availability. You can check final exam date on your hall ticket.

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([https://www.addtoany.com/share?url=https%3A%2F%2Fonlinecourses.swayam2.ac.in%2Fugc24\\_ge11%2Fpreview&title=Polar%20Science%2C%20Arctic%20Governance%2C%20Policy%20and%20Law%20-%20Course](https://www.addtoany.com/share?url=https%3A%2F%2Fonlinecourses.swayam2.ac.in%2Fugc24_ge11%2Fpreview&title=Polar%20Science%2C%20Arctic%20Governance%2C%20Policy%20and%20Law%20-%20Course))

## Course layout

**Pre-requisite for the course:** The course is multidisciplinary and open to students of both UG and PG. It has four credits.

**Course type:** Elective.

Estimated workload every week:

- 10 – 12 hours.
- Listening to the video lectures
- Reading Module contents
- Taking the Internal Assessment Quiz
- Reading related reference materials
- Taking part in group discussions on the SWAYAM Platform.

**Total assignments allotted for the course:**

- The student shall submit a minimum of 1 out of the total 5 assignments (Graded) on the chosen topic in the 5 allotted weeks and the best 1 out of 5 will be graded for 20 marks.
- Additionally, there will be a quiz each week for 15 weeks, and the best 10 out of 15 quizzes will be count for 10 marks.



Week wise schedule:

Week 1 - Introduction

- Module 1: Decoding the Polar Regions
- Module 2: Exploring Polar Science: Basic concepts and Terms
- Module 3: Understanding Polar Governance: Basic Concepts and Terms

Week 2 - Polar and Ocean Sciences

- Module 4: Functionality of Science and Satellite Oceanography in the Polar Region

- Module 5: Scientific Information Sys
- Module 6: Ocean Governance: Overv  [\(https://swayam.gov.in/\)](https://swayam.gov.in/)   [\(https://swayam.gov.in/nc\\_details/UGC\)](https://swayam.gov.in/nc_details/UGC)

**Week 3 - Oceans and Global Governance** About Swayam (<https://swayam.gov.in/about>) | All Courses | ()

- Module 7: Marine Diversity, Ocean Literacy and Blue Economy
- Module 8: UNCLOS, Ocean Governance, Current status
- Module 9: Seabed Mining and the Authority, sea bed mineral resources, Extended Continental Shelf

**Week 4 - Arctic Science**

- Module 10: Arctic Expeditions, History, Explorations and Findings
- Module 11: Arctic Environment, Biodiversity and Conservation

**Week 5 - Life in the Arctic**

- Module 12: Arctic Shipping, Fishing and Industry
- Module 13: Indigenous Populations

**Week 6 - Arctic Governance- International**

- Module 14: Law of Sea and the Arctic
- Module 15: International Law relating to the Polar region
- Module 16: International agencies and the Status of Observers in the Arctic

**Week 7 - Arctic - National Laws and Governance**

- Module 17: Nations, Institutions and Agencies for Arctic Governance
- Module 18: Arctic: Russia, Canada and USA
- Module 19: Interest of EU, European Nations and Arctic Governance

**Week 8 - Antarctica - A Basic Understanding**

- Module 20: History of Exploration and Resources in Antarctica
- Module 21: Antarctic Environment, Biodiversity and Conservation
- Module 22: Antarctic: Fishing and Commercial Interests

**Week 9 - Antarctica - Governance and Challenges**

- Module 23: Conflicts and International Relations in the Antarctic
- Module 24: Legal and Instrumental mechanisms governing the Antarctic
- Module 25: Global Commons

**Week 10 - Climate Change Science**

- Module 26: Climate Change, the Cryosphere and System Changes
- Module 27: Climate Change in Polar Regions and Oceans: Issues and Challenges
- Module 28: Climate Change and Energy Politics

**Week 11 - Climate Change - Politics and Governance**

- Module 29: Climate Change Politics, Law and Policy in Western World
- Module 30: Climate Change: Third World Approaches and Challenges

**Week 12 - Law on Climate Change**

- Module 31: Climate Change – International Law, Policies and Politics
- Module 32: National Actions and Responses to Climate Change in Polar Regions

**Week 13 - Global Challenges and Polar Regions**

- Module 33: International Claims and Cooperation
- Module 34: Future of Polar Sciences, Explorations and Tourism
- Module 35: Conflicts and Environmental Impact Assessment: Case Studies

**Week 14 - Third Pole**

- Module 36: Third Pole Environment: Importance and Significance
- Module 37: Protection of Himalayan Region

**Week 15 - Indian Policy and Polar Region**

- Module 38: India and the Arctic
- Module 39: India and the Antarctic
- Module 40: India's involvement in the Third Pole, Sustainability, and Beyond



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**Books and references**

1. Myron H. Nordquist, et al., *Challenges of the Changing Arctic: Continental Shelf, Navigation, and Fisheries*, Brill Publishers (2016).
2. Joseph Romm, *Climate Change: What Everyone Needs to Know*, Oxford University Press, 1<sup>st</sup> Ed. (2015).
3. Ingvild Ulrikke Jakobsen, *Marine Protected Areas in International Law: An Arctic Perspective*, Brill-Nijhoff Publishers (2016).
4. Akiho Shibata, et al., *Emerging Legal Orders in the Arctic: The Role of Non-Arctic Actors*, Routledge Publications (2019).
5. Tafsir Johansson and Patrick Donner, *The Shipping Industry, Ocean Governance and Environmental Law in the Paradigm Shift: In Search of a Pragmatic Balance for the Arctic*, Springer Publications (2015).
6. Ida Folkestad Soltvedt, et al., *Arctic Governance: Volumes 1, 2 and 3*, Bloomsbury Publishing (2019).
7. Gillian D. Triggs, *The Antarctic Treaty Regime: Law, Environment and Resources*, Cambridge University Press (2009).
8. Karen N. Scott and David L. Vanderzwaag, *Research Handbook on Polar Law (Research Handbooks in Environmental Law Series)*, Edward Elgar Publishers (2020).
9. Dawid Bunikowski, et al., *Philosophies of Polar Law*, Routledge Publishers (2020).
10. Yoshifumi Tanaka, et al., *The Routledge Handbook of Polar Law*, Routledge Publishers (2023).
11. Mark Synnott, *The Third Pole: Mystery, Obsession, and Death on Mount Everest*, Penguin Random House (2021).
12. Ana Spalding and Daniel Suman, *Oceans and Society: An Introduction to Marine Studies*, Routledge/Earthscan, 1<sup>st</sup> Ed. (2023).

**Instructor bio****Dr. P Sakthivel, Associate Professor & Director**

The Tamil Nadu Dr. Ambedkar Law University, Chennai

Dr. P. Sakthivel serves as the Director of the prestigious LL.B. (Hons.) programme at the Tamil Nadu Dr. Ambedkar Law University (TNDALU). Additionally, he holds the position of Nodal Officer for Legal Cases at TNDALU.

A Doctorate from the same University, he is a PG Degree holder in history and later an alumnus of the Government Law College, Coimbatore. He completed his Master's Degree in law from the University of Madras, specializing in International Law and Constitutional Law.

Dr. P. Sakthivel's expertise flows through the complex and interconnected realms of international law, environmental law and human rights. His dedication extends beyond the classroom, as evidenced by his extensive international exposure.

Dr. P. Sakthivel has actively participated in international academic visits and authored publications, demonstrating a commitment to global legal discourse. His dedication to real-world application is further highlighted by his valuable consultancy work on a significant global water resources project, highlighting the desire to bridge the gap between theory and practice of law.

**Teaching Assistants for the Course:**

1. Thiru. Navin. S



Mr. Navin S is an Assistant Professor (L Environmental Law and Legal Order at the Tamil Nadu Dr. Ambedkar Law University. After completing B.A. English Literature from the New College, Chennai (https://swayam.gov.in/) of Excellence (https://swayam.gov.in/details/UGC) currently pursuing Ph.D in Polar law at The Tamil Nadu Dr. Ambedkar Law University, Chennai.

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Mr. Navin S has cleared UGC-NET (Law) in 2019 and UGC-JRF (Law) in 2020. With various publications to his credit, he also serves as the Editor of a few Department Journals of the University and a Tamil book on Consumer forum and Energy Laws. He has assisted the University in various capacities by organizing Conferences, Symposia and Seminars. His areas of interest include polar laws, international environmental law , biological diversity, sustainable development and food security.

## 2. Mahesha Riti. M



An experienced legal professional for the past five years, Mahesha Riti is an upcoming researcher and academician. Mahesha Riti completed their Bachelor of Arts Degree in English Literature from A.M. Jain College, Chennai. They completed LL.B. (Hons.) from SRM University, Chennai and later an LL.M. from Government Law College, Coimbatore, with a specialization in Business Law. They successfully cleared UGC-JRF in 2023.

Mahesha Riti has received various prestigious awards including 'Best Difference Maker Award' by the Governor of Telangana. They were the first transgender to pursue LL.M in the State of Tamil Nadu. They have also published articles in peer reviewed journals and has been constantly advocating for LGBT rights through vocational collaborations. Their areas of interest include maritime law, marine insurance, child rights, LGBT rights and rights of HIV patients.

## Course certificate

**The Interested Learners (Students, Working Professionals, and Life-Long Learners) can enroll and learn this MOOC course for free.**

If you want to get SWAYAM Certificate for this course, you have to register for SWAYAM Examination and write the proctored examination conducted by National Testing Agency (NTA: https://swayam.nta.ac.in/) in its various exam centres across India. **The SWAYAM examination fee for this course is Rs.750, to be paid at the time of Exam registration.**

### Marks Distribution:

In this course, 30 Marks will be allocated for Internal Assessment (assignment/ discussion forum/ activity) and 70 Marks will be allocated for external proctored examination.

A minimum of 40 % passing marks (i.e. at-least 12 marks in Internal Assessment & 28 Marks in external proctored examination) will be required for being eligible for SWAYAM Certificate.

Kindly note:- The students enrolled in Universities/Institutions/Colleges can avail Credit Transfer as per UGC SWAYAM Regulations, 2021 for this course. **The Host University for this Credit Transfer will be The Tamil Nadu Dr.Ambedkar Law University, Chennai.**


Mode of Exam : Computer Based Test Conducted by Government of India Agency's i.e. National Testing Agency (NTA).

**The Course's examination is scheduled for December 15, 2024, and will be conducted in Computer-Based Test (CBT) mode from 09:00 AM to 12:00 PM. The exam, consisting of 50 Multiple Choice Questions (MCQs), will be administered nationwide by the National Testing Agency.**

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