



**SHARDA**  
UNIVERSITY  
*Beyond Boundaries*



**SHARDA SCHOOL OF LAW**



COURSE  
**Climate Change and  
Legislation**  
(VAL008)

**VALUE ADDED**  
COURSE BROCHURE-30 HRS  
**2024-25**

## ABOUT THE UNIVERSITY

Sharda University envisions to serve the society by being a global University of higher learning in pursuit of academic excellence, innovation and nurturing entrepreneurship. It has 13,000+ students from 95+ countries, 29 states, and Union Territories, providing cultural diversity and global exposure to students. It has 26000+ alumni who are today leaders in their realms. Sharda University is **NAAC A+** University with Overall **NIRF Rank of 87**. Teaching Learning Center at Sharda University is to equip the faculty members with the expertise, skills and knowledge they need for capacity building of students. Teaching as a profession requires highly specialized skills and knowledge to impact significantly on student learning and therefore teachers must refine their conceptual and pedagogical skills.

### SHARDA SCHOOL OF LAW

Sharda University, School of Law (SUSOL) is a dynamic and progressive Law School situated in the clean and green environment of Greater Noida (National Capital Region). SUSOL is considered to be one of the most prestigious Law schools in the National Capital Region, offering BCI approved Five Year B.A. LL.B. (Hons.), B.B.A. LL.B. (Hons.), One Year LL.M. (Corporate Law, Criminal Law, International Law, Human Rights, Energy Law) and Ph.D. Programmes.

The School of law, permitted by Bar council of India letter no. BCI:D: 815/2012 dated: 19.04.2012 has been established as a constituent of Sharda University, a private University, The Bar Council of India after inspection of the academic and physical infrastructure has permitted Sharda University for running five-year integrated B.A. LL.B. (Hons.), BBA LL.B. (Hons.), LL.M & Ph.D. programmes. School of Law aims at equipping its Law students not only with the traditional professional expertise to become successful advocates and solicitors but for a wide-ranging career options viz. business partnerships, managerial assignments, politics, diplomacy, social work, consultancy assignments, teaching and research work through its wide based curriculum with an aim to develop intellectual competence and analytical skills coupled with ethical sense of role and purpose. School of Law provides Moot Court Facility, Debates, Quizzes, Guest lectures, Seminars, Conferences, Case Study, Mentoring, Faculty Development Programs, Summer internship etc. for the students.

### VISION AND MISSION OF THE UNIVERSITY

#### Vision

To serve the society by being a global University of higher learning in pursuit of academic excellence, innovation and nurturing entrepreneurship.

#### Mission

1. Transformative educational experience
2. Enrichment by educational initiatives that encourage global outlook
3. Develop research, support disruptive innovations and accelerate entrepreneurship
4. Seeking beyond boundaries

### VISION AND MISSION OF THE SHARDA SCHOOL OF LAW

#### Vision

To emerge as a leading school of law in pursuit of academic excellence, innovation and nurturing entrepreneurship.

#### Mission

1. To prepare students as legal professional through transformative educational experience.
2. To encourage global outlook of the students by providing enriched educational initiatives.
3. To promote research, innovations and entrepreneurship.
4. To inculcate ethical and moral values among the budding lawyers, judges and legal professionals and motivate them to serve the society.

## ABOUT THE COURSE

The comprehensive syllabus of the "Climate Change and Legislation" course at Sharda School of Law encompasses a diverse range of topics essential for understanding environmental law and policy. Students will delve into the scientific principles underlying climate change and its global impact. The course explores various international agreements and treaties aimed at mitigating climate change and promoting sustainability. Additionally, students will analyze the role of national and regional legislation in addressing environmental challenges. The syllabus includes discussions on renewable energy policies, carbon trading mechanisms, and emission reduction strategies. Students will examine case studies highlighting successful environmental initiatives and challenges faced by policymakers. The course also addresses legal frameworks for environmental protection and conservation efforts. Throughout the course, students will engage in critical discussions and research projects to deepen their understanding of climate change law and its implications. By the end of the course, students will be equipped with the knowledge and skills to navigate complex environmental regulations and advocate for sustainable solutions.

Week	Content	Duration Hrs.
1	Global warming and climate change-meaning Anthropogenic climate change from greenhouse gas emissions– past, present and future;	3
2	Natural variations in climate; Projections of global climate change with special reference to temperature, rainfall, climate variability and extreme events; Importance of 1.5 °C and 2.0 °C limits to global warming	3
3	x	3
4	Impacts, vulnerability and adaptation to climate change.	3
5	Adaptation vs. resilience; Climate-resilient development, Indigenous knowledge for adaptation to climate change.	3
6	Green House Gas (GHG) reduction vs. sink enhancement; Concept of carbon intensity and carbon neutrality;	3
7	National and international policy instruments for mitigation, decarbonizing pathways and net zero targets for the future; Carbon capture and storage.	3
8	Kyoto Protocol; Paris Agreement; Intergovernmental Panel on Climate Change (IPCC), International Solar Alliance, Convention on Biological Diversity (CBD); Nagoya Protocol on Access and Benefit-sharing. United Nations Convention to Combat Desertification (UNCCD).	3
9	Montreal Protocol on Substances that Deplete the Ozone Layer and the Kigali Amendment; Status phaseout of production and consumption of Ozone Depleting Substances by India	3
10	The Wild Life (Protection) Act, 1972; The Environment (Protection) Act, 1986; The Biological Diversity Act, 2002; The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006. The Pollution Control Act, 1989 and updates, National Green Tribunal; Some landmark Supreme Court judgments.	3
Total		30

## PROFILES

### **Dr. Saurabh Kishor**

Dr. Saurabh Kishor has completed LL.B. from DDU Gorakhpur University in 2007 and LL.M. from Banaras Hindu University (BHU) in 2011. He wrote LL.M. dissertation on "Legal Regulation of Higher Education in India: An Appraisal". He completed Ph.D. under the supervision of Prof. Shailendra Kumar Gupta, Faculty of Law, B.H.U. The topic of his Ph.D. was "Environmental Impact Assessment and Regulatory Measures in India : An Appraisal". The area of his interest is environmental law and law of contract. He has presented several research papers in various National and International Conferences/ Seminars.

### **Dr. Divya Mishra**

Dr. Divya Mishra is an expert in Business Communication, Communication Skills, English, and soft skills. She has almost a decade of experience teaching at prestigious universities and colleges. She earned her doctorate in English from the University of Allahabad. She has also qualified UGC-NET in English. Apart from having a successful academic career, she has numerous publications in peer-reviewed international journals. She has also presented her research papers at a number of conferences in India and overseas. She has a great interest in conducting skill-enhancement trainings and workshops. She has conducted numerous trainings and workshops on soft skills, English, leadership, and motivation for students as well as government officials.



## Module

<b>School: SSOL</b>	<b>Batch : 2021-26</b>	
<b>Batch- BA LL.B.</b>	<b>Current Academic Year: 2024-25</b>	
<b>Branch:</b>	<b>Semester: VII</b>	
<b>1. Course Code</b>	VAL008	
<b>2. Course Title</b>	Climate Change and Legislation	
<b>3. Credits</b>	Audit Course	
<b>4. Contact Hours (L-T-P)</b>	30 Hours	
<b>Course Type</b>	Value added course	
<b>5. Course Objective</b>	<ol style="list-style-type: none"> <li>1) To describe the fundamental concepts of climate change, including global warming, anthropogenic influences, and natural variations in climate.</li> <li>2) To explain the historical context and analyze the current and future implications of climate change, specifically focusing on greenhouse gas emissions.</li> <li>3) To Apply knowledge to evaluate projections of global climate change, with a specific focus on temperature, rainfall, climate variability, and extreme events.</li> <li>4) To Analyze the anticipated impacts, vulnerabilities, and adaptation strategies related to climate change, particularly in the context of the Indian sub-continent.</li> <li>5) To Synthesize information on mitigation measures, including greenhouse gas reduction, sink enhancement, carbon intensity, and carbon neutrality, considering national and international policy instruments.</li> <li>6) To Evaluate major international environmental agreements, such as the Kyoto Protocol, Paris Agreement, and others, and assess India's role as a party in these agreements.</li> </ol>	
<b>6. Course Outcomes</b>	<p>The students will be :</p> <p>CO1- To Demonstrate a comprehensive understanding of climate change fundamentals, recalling key concepts and terminologies.</p> <p>CO2- To Analyze and interpret the historical and contemporary factors contributing to anthropogenic climate change, demonstrating a nuanced understanding of the subject..</p> <p>CO3- To Apply acquired knowledge to critically evaluate and interpret climate change projections, focusing on temperature, rainfall, and extreme events.</p> <p>CO4- To Analyze information on the impacts, vulnerabilities, and adaptation strategies associated with climate change, particularly within the Indian sub-continent.</p> <p>CO5- To Evaluate and critique mitigation measures, understanding the synergies between adaptation and mitigation, and considering factors such as greenhouse gas reduction and carbon capture and storage.</p> <p>CO6- To Critically evaluate major international environmental agreements, understanding India's status as a party and its implications on climate justice and sustainability.</p>	
<b>7. Course Description</b>	<p>This course explores the intricacies of climate change, delving into its varied dimensions and implications. Students will scrutinize the meanings and consequences of both global warming and climate change, with a particular emphasis on the human-induced factors stemming from the emission of greenhouse gases. The curriculum spans across historical, contemporary, and prospective scenarios. Additionally, it addresses key environmental legislations in India, encompassing acts such as The Wild Life (Protection) Act, 1972; The Environment (Protection) Act, 1986; The Biological Diversity Act, 2002; The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006; and The Pollution Control Act, 1989, along with subsequent updates. The course further explores pivotal judicial decisions, including those from the National Green Tribunal and landmark Supreme Court judgments, providing a comprehensive overview of the legal framework governing environmental protection in India.</p>	
<b>8. Syllabus Outline</b>	<b>CO Mapping</b>	
<b>Unit 1</b>	<b>Understanding climate change</b>	
A	Global warming and climate change-meaning	CO1, CO2
B	Anthropogenic climate change from greenhouse gas emissions– past, present and future;	CO1, CO2
C	Natural variations in climate; Projections of global climate change with special reference to temperature, rainfall, climate variability and extreme events; Importance of 1.5 °C and 2.0 °C limits to global warming.	CO1, CO2
<b>Unit 2</b>	<b>Climate change projections for the Indian sub-continent</b>	
A	Impacts, vulnerability and adaptation to climate change.	CO1, CO2
B	Adaptation vs. resilience; Climate-resilient development	CO1, CO2
C	Indigenous knowledge for adaptation to climate change.	CO1, CO2, CO3
<b>Unit 3</b>	<b>Mitigation of climate change: Synergies between adaptation and mitigation measures</b>	
A	Green House Gas (GHG) reduction vs. sink enhancement; Concept of carbon intensity and carbon neutrality;	CO1, CO3, CO4
B	National and international policy instruments for mitigation, decarbonizing pathways and net zero targets for the future; Carbon capture and storage.	CO1, CO3, CO4
C	National climate action plan and Intended Nationally Determined Contributions (INDCs); Mission Life, Climate justice.	CO1, CO4
<b>Unit 4</b>	<b>An overview of major International Environmental Agreements and India's status as a party</b>	
A	Kyoto Protocol; Paris Agreement; Intergovernmental Panel on Climate Change (IPCC), International Solar Alliance	CO3, CO4
B	Convention on Biological Diversity (CBD); Nagoya Protocol on Access and Benefit-sharing. United Nations Convention to Combat Desertification (UNCCD).	CO3, CO4
C	Montreal Protocol on Substances that Deplete the Ozone Layer and the Kigali Amendment; Status phaseout of production and consumption of Ozone Depleting Substances by India	CO3, CO4
<b>Unit 5</b>	<b>Major Indian Environmental Legislations;</b>	
A	The Wild Life (Protection) Act, 1972; The Environment (Protection) Act, 1986; The Biological Diversity Act, 2002,.	CO5, CO6
B	The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006. The Pollution Control Act, 1989 and updates,	CO5, CO6
C	National Green Tribunal; Some landmark Supreme Court judgments.	CO5, CO6
<b>Mode of examination</b>	Quiz/Assignment	