

Chanakya National Law University, Patna
B.A., LL.B (Hons.) & B.B.A., LL.B. (Hons.)

Academic Session (2022-2023)

Elective Course
Course Title: Data Governance
Credit Score : 01
Total No. of Lectures : 16 (One hour each)

Course Overview

Data governance becomes sine qua non for a democracy which swiftly switching from the traditional form of governance to the digital form of governance. Humongous data generation at daily basis on various digital platforms pose new challenges to government machinery. Data governance can be a torchbearer to regulate such humongous data transactions. This course will develop the understanding of data governance and signify the relevance of data governance in the contemporary scenario. Analyses the key principles of data governance. Explain the concept of privacy, security, and ethics in the context of data governance. Enumerate the advantages and value of robust and principled governance using case studies.

Module I Deals with meaning and Concept of data governance and its key principles.

Module II Talks about legal framework and compliances for data governance.

Module III Focuses on privacy, security and ethical concerns in data governance.

Module IV Covers various tools and models of data governance.

Learning Outcomes

This course module is prepared with an objective to develop student's acquaintance with data governance.

On completion of the course, students will be able to:

1. Conceptualize the data governance.
2. Understand the legal framework and essential compliances for data governance.
3. Understanding the concern of privacy and security in data governance modules.
4. Comprehend the ethical issues involved in data governance.
5. Identify and analyses the various tools and models of data governance.

Topic/	Contents/ Concepts	Lectures
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Module		
Module I:	DATA GOVERNANCE	03
	<ol style="list-style-type: none"> 1. Meaning and concept of Data Governance 2. Essential attributes of Data Governance 3. Key principles of Data Governance 	
Module II:	LEGAL FRAMEWORK AND COMPLIANCES FOR DATA GOVERNANCE	04
	<ol style="list-style-type: none"> 1. Indian legal Framework for data governance 2. International instruments and Data Governance 3. Data Governance legal framework in different countries 4. Industry based compliances for data Governance 	
Module III:	PRIVACY, SECURITY AND ETHICAL CONCERNS IN DATA GOVERNANCE	04
	<ol style="list-style-type: none"> 1. Privacy aspect of data governance 2. Data Security issues 3. Ethical Concerns in the implementation of Data Governance models in any organisation 	
Module IV:	DIFFERENT MODELS AND TOOLS OF DATA GOVERNANCE	04
	<ol style="list-style-type: none"> 1. Different models of Data Governance: Centralized, Decentralized and Hybrid Models etc. 2. Tools for Data Governance : IBM Cloud Pak for Data, SAP Master Data Governance, SAS Information Governance, Oracle Enterprise Metadata Management, Talend Data Fabric etc. 	
Module V:	WAY FORWARD	01
	<ol style="list-style-type: none"> 1. Data Lineage 2. Data Provenance 3. Other emerging trends 	

EVALUATION CRITERIA

COMPONENTS
Attendance
Project Report

RECOMMENDED/REFERENCE TEXT BOOKS AND RESOURCES:

Text Books & Reference Books

1. Bartlett, Jamie, The People vs Tech,, Ebury Press, 2018.
2. Chakraborty, Anghrija, Obhan Ashima, Sundram, Amar K, Data Protection Laws Demystified, OakBridge, Publishing, 2020.
3. Conway, Peter E and Aronson Jonathan D, Digital DNA, 2017.
4. Feigenbaum, Evan A. and Nelson, Michael R., Editor, Data Governance, Asian Alternatives, How India and Korea Are Creating New Models and Policies, Carnegie Endowment for International Peace, 2022.
5. Goodman, Marc, Future Crimes: Everything Is Connected, Everyone Is Vulnerable, and What We Can Do About It, (2015).
6. Mahanti , Rupa ,Data Governance and Compliance ,Evolving to our Current High Stakes Environment ,Springer, 2021.
7. Matthan, Rahul, Privacy 3.0, Unlocking our Data Driven Future, Harper Collins Publication, 2018.
8. Mukerji Udyan, Naroola R K Jurisprudence of Privacy, Oak Bridge, Publishing, 2021.
9. Naavi, Personal Data Protection Act of India (PDPA 2020) : Be Aware, Be Ready and Be Compliant, Notion Press, 2020.
10. Reed, Chris, Internet Law-Text and Materials,, Universal Law Publishing Co., New Delhi, 2nd Edition, (2005).
11. Saredeshmukh, Apurva, Data Protection, Law and Regulation, Thomson Reuters, Legal, First Edition, 2019
12. Schwab, Klaus “The fourth industrial revolution” Penguin Random House UK, 2017.
13. Solove, D. J. (2008). Privacy: A concept in disarray, in Understanding privacy , Harvard University Press Cambridge, Mass., 1–11

14. Sotto, Lisa J, Privacy and Data Security Law Desk book, (2016),
15. Taylor, Anthony, Gillert Adam and Information Law Team Butterwoths, Data protection law Handbook,, Lexis Nexis, Third edition, 2023
16. Tegmark, Max,Life 3.0, Being Human In The Age of Artificial Intelligence, Penguin Books, 2017
17. Wayleith, Paulus R, Data Security: Laws and Safeguards, (2008)

Web Resources:

- https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4414385
- <https://www.techtarget.com/searchdatamanagement/feature/15-top-data-governance-tools-to-know-about>
- https://www.wichita.edu/services/DataGov/WSU_DataGovernance.pdf
- <https://www.meity.gov.in/writereaddata/files/National-Data-Governance-Framework-Policy.pdf>
- <https://www.bis.org/publ/bppdf/bispap124.pdf>
- https://www.yalelawjournal.org/pdf/131.2_Viljoen_1n12myx5.pdf
- <https://btlj.org/wp-content/uploads/2023/04/0001-37-2-Arner-web-4-10.pdf>
- <https://nces.ed.gov/forum/pdf/ForumGuidetoDataGovernance.pdf>

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Signature