Legal aspects of AI

by

Dr. Banusri Velpandian

BSc (H), LLB, ML, PhD (Law), FCIArb MICA
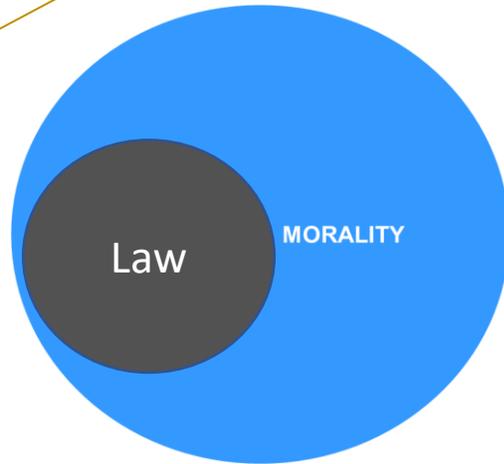
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ICMR

Legal Consultant

ICMR (DHR), BIRAC (DBT), TDB (DST)

SOCRATES "Law is the correct judgment of the state."

"The law is reason, free from passion."

Section 2: Definitions- Data, Computer system, computer network, cyber security, data controller etc.

Enforceable rules governing relationships among persons between persons and society

Law

MORALITY

Information Technology Act 2000, Section 43 :
Where a body corporate, possessing, dealing or handling any sensitive personal data or information in a computer resource which it owns, controls or operates, is negligent in implementing and maintaining reasonable security practices and procedures and thereby causes wrongful loss or wrongful gain to any person, such body corporate shall be liable to pay damages by way of compensation, to the person so affected.

Information Technology (Reasonable security practices and procedures and sensitive personal data or information) Rules, 2011
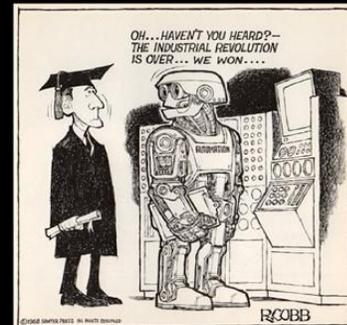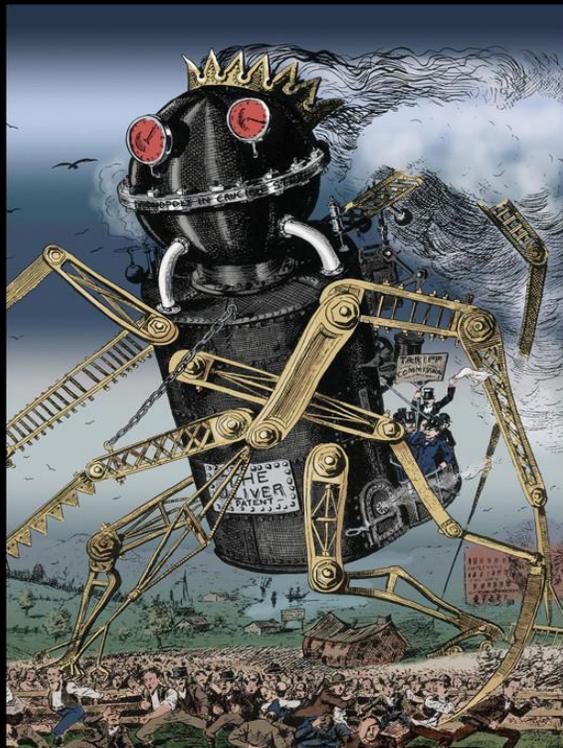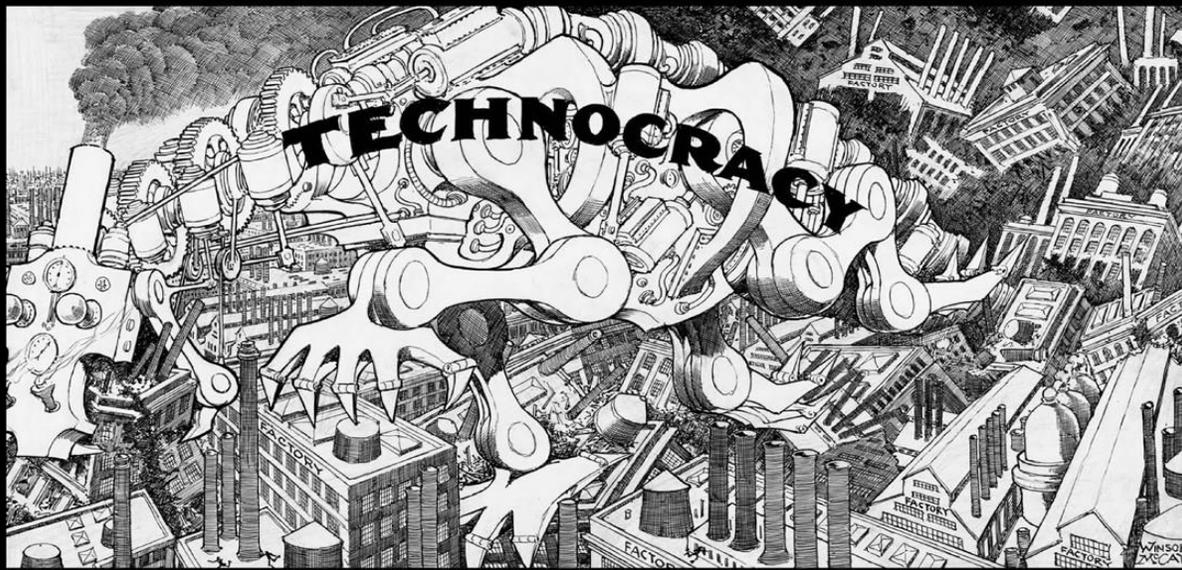
More than 60 years
6% deaths

Cognitive Industrial Age
Information Age

Regulatory models:

(a) the 'command-and control' approach;
(b) the 'self regulation' approach; and
(c) The 'co-regulation' approach.

Clockwise from top: Winsor McCay, San Francisco Examiner, 1933; William Heath, The March of Intellect series, 1829; Science and Invention, 1924; Ron Cobb, Los Angeles Free Press, 1969; Oliver Patent political cartoon, 1882.
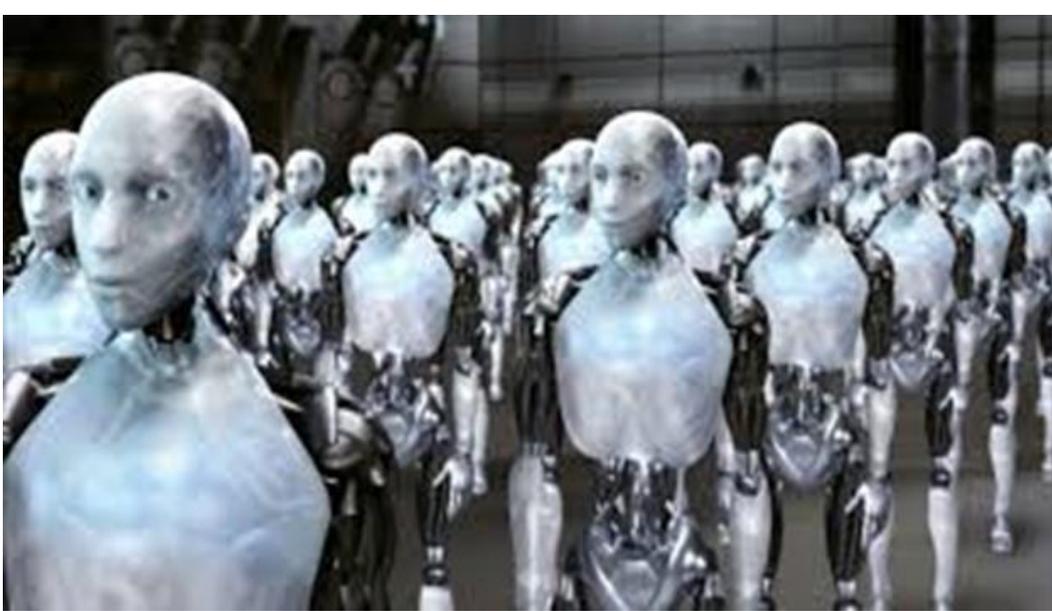
Credits: Library of Congress; Flickr; Ron Cobb; Alamy; Trustees of the British museum

Sophia and Shibuya Mirai

- Automation
- Human- machine interaction
- Privacy Regulation
- Social Order
- Attribution of Humanhood

Three Laws of Robotics

1 A robot may not injure a human being or, through inaction, allow a human being to come to harm.

2 A robot must obey the orders given it by human beings except where such orders would conflict with the First Law.

3 A robot must protect its own existence as long as such protection does not conflict with the First or Second Laws.

The Three Laws of Robotics are a set of rules devised by the science fiction author Isaac Asimov. The rules were introduced in his 1942 short story "Runaround"
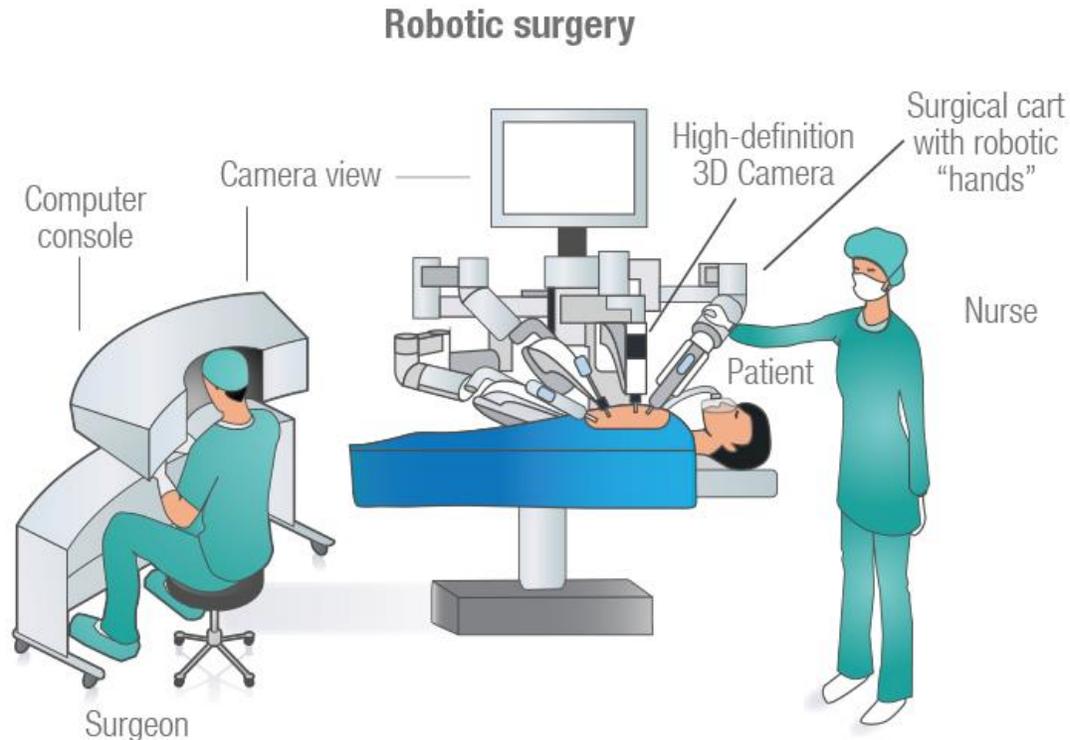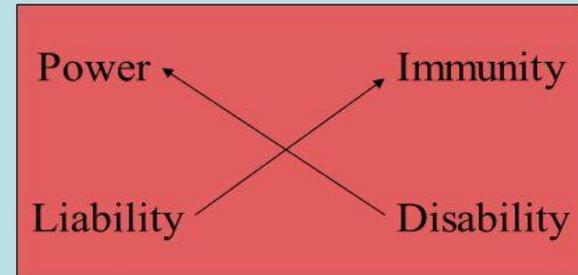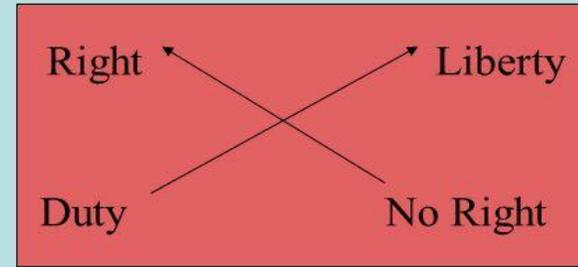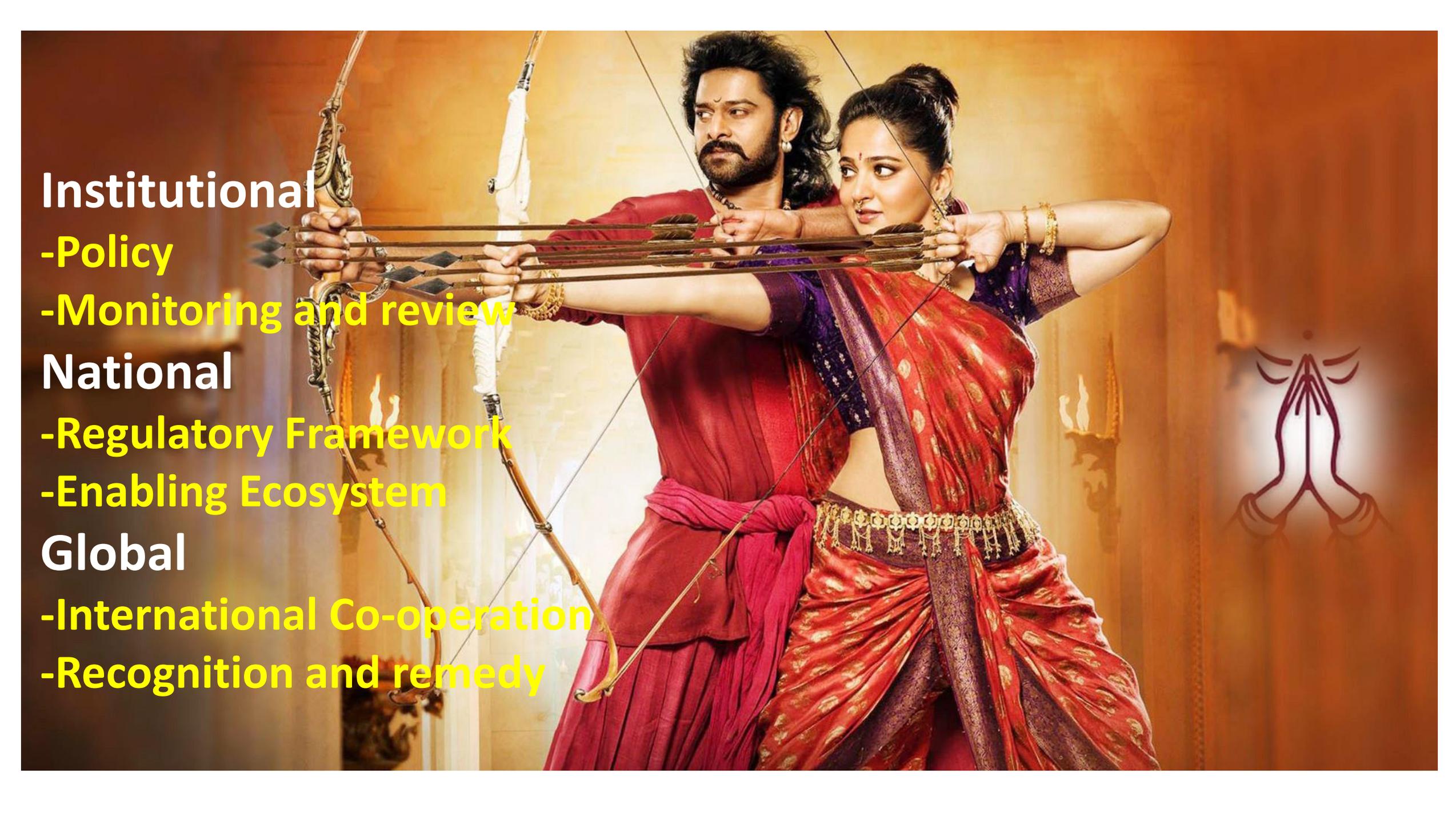
Legal Principles:
1. Tort
2. Agency Law
3. Legal Person
4. Product Liability

Robotic surgery

Jural Opposites & Jural Correlatives

Institutional

-Policy

-Monitoring and review

National

-Regulatory Framework

-Enabling Ecosystem

Global

-International Co-operation

-Recognition and remedy