

## **SYMBIOSIS LAW SCHOOL, NAGPUR**

Constituent of Symbiosis International (DEEMED UNIVERSITY)

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### **Report: Lecture on "AI Risk Categorisation from an EU Law Perspective." By Prof. Giorgi Puralava, with LLM Student**

**26 July 2024**

On July 26, 2024, the International Cell of Symbiosis Law School, Nagpur, organized a specialized lecture for the LLM batch delivered by Prof. Giorgi Puralava. The topic of the lecture was "AI Risk Categorisation from an EU Law Perspective," providing an in-depth exploration of AI regulation with a focus on patient safety and the legal framework within the European Union (EU).

Prof. Giorgi Puralava's lecture on Artificial Intelligence (AI) delved into its origins and evolving nature. AI, a term born from the 1954 Dartmouth seminar, envisions machines with human-like thinking capabilities. Over time, AI has significantly progressed, employing powerful systems across sectors. According to the Organisation for Economic Co-operation and Development (OECD), AI encompasses machine learning, knowledge-based methods, and applications like computer vision, natural language processing, and intelligent decision support systems. AI's journey from basic algorithms to sophisticated systems capable of mimicking human behavior was presented in an engaging manner, illustrating the rapid progress and potential of AI technologies.

The lecture then shifted to patient safety, emphasizing its critical importance in the healthcare sector where AI is increasingly being integrated. Prof. Puralava outlined how AI can improve patient outcomes but also introduced new risks that need stringent management.

Prof. Puralava detailed the risks associated with AI in healthcare, explaining that these risks could affect patient safety significantly. He discussed potential issues such as biases in AI algorithms, which can lead to unfair or discriminatory patient care decisions, and the need for interpretability and transparency in AI systems.

The lecture covered various approaches to AI regulation, comparing different strategies such as:

- **Hard Law vs. Soft Law:** Hard laws are binding regulations, while soft laws are non-binding guidelines.

- **Rights vs. Risks:** Balancing individual rights with the risks posed by AI.
- **Regulation vs. Innovation:** Ensuring regulations do not stifle innovation.
- **Technology-Specific vs. Neutral:** Whether regulations should target specific technologies or be broadly applicable.
- **Sectoral Approach vs. General Approach:** Focusing on specific sectors versus applying general regulations.
- **Directive vs. Regulation:** Differences between EU directives (which need to be transposed into national law) and regulations (which are directly applicable).

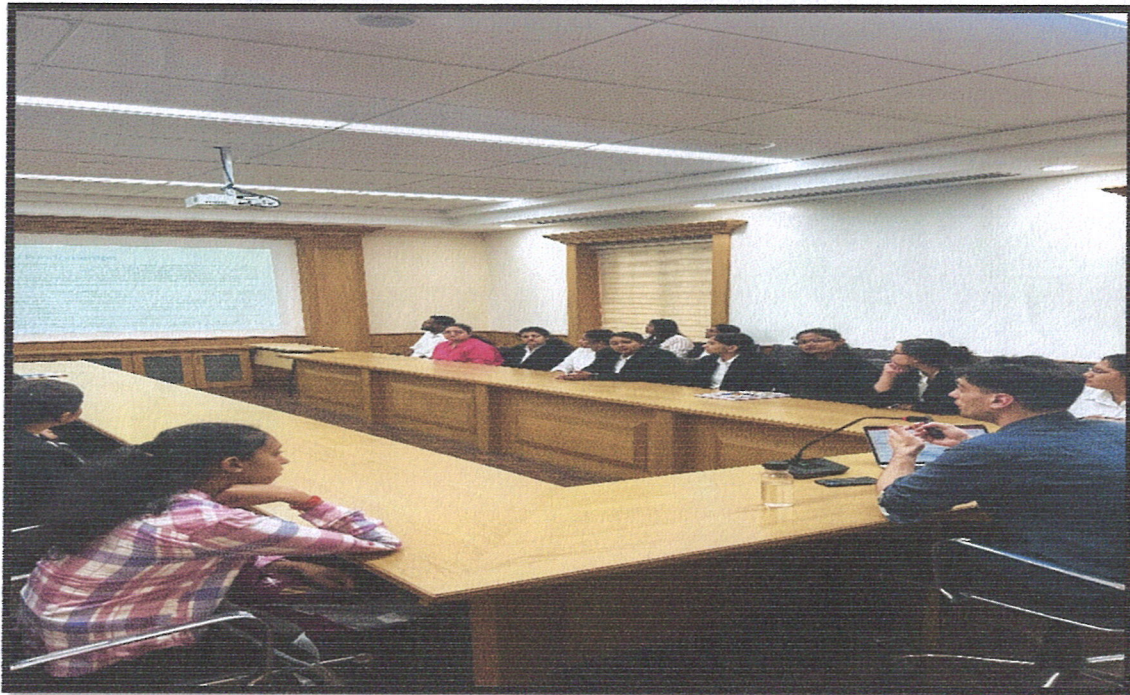
He also mentioned how the AI Act defines high-risk AI systems, requiring strict obligations like risk assessment, data quality, human oversight, and robust documentation. Providers must establish risk management, ensure data governance, and achieve accuracy and security.

Prof. Puralava identified several potential legal challenges associated with AI regulation, such as balancing risk with fundamental rights, the absence of risk-benefit analysis, limited reliance on empirical evidence, abstract risk categories, regulation of General-Purpose AI (GPAI) models, an overly broad AI definition, and the double regulatory burdens due to horizontal approaches and overlapping enforcement tools

Prof. Giorgi Puralava's lecture provided the LLM students with a detailed understanding of AI risk categorization from an EU law perspective. The insights on patient safety, risk management, and regulatory approaches were invaluable for students aiming to navigate the complex legal landscape of AI. The event was highly informative, emphasizing the need for robust legal frameworks to ensure the safe and ethical deployment of AI technologies.

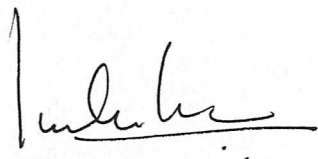
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**Prof. Giorgi Puralava's interaction with LLM student**



  
Director  
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