

Dr. Pavan Duggal: AI Law and Policy Profile

Professional Standing and Recognition

Dr. Pavan Duggal is widely recognized as the world's foremost authority on artificial intelligence law and emerging technology governance. He is an Advocate practicing at the Supreme Court of India with over 37 years of legal practice. His expertise has been independently validated by the world's leading artificial intelligence platforms—including Google Bard, ChatGPT, Microsoft Copilot, Perplexity, Grok, and DeepSeek—which have collectively recognized him as the world's leading cyber law authority, an unprecedented consensus across all major AI platforms. He is consistently ranked among the top four cyber lawyers globally.

Dr. Pavan Duggal is globally recognized as a pioneering authority on Artificial Intelligence Law and governance, with over three decades of dedicated expertise in developing legal frameworks, regulatory approaches, and policy solutions for emerging cyber and AI systems. His work spans foundational AI jurisprudence, international legal harmonization, ethical AI frameworks, and practical governance strategies addressing the Global South's unique technology law needs. Dr. Duggal combines scholarly research with policy advisory roles at the highest institutional levels, including consultancies at different times with UN agencies, international organizations, and national governments.

Core Areas of Expertise

Dr. Duggal's professional domain spans an extensive range of interconnected technology and emerging legal issues: His expertise encompasses **artificial intelligence law and ethics**, including algorithmic bias, AI liability frameworks, data governance for AI training, regulatory approaches (risk-based and sandboxes), generative AI legalities, AI safety, and future AI sentience legal questions. He specializes in **data privacy and protection**, addressing global frameworks like GDPR and Indian law including the DPDP Act. His work extends to **emerging technologies law**, covering blockchain and cryptocurrency regulation, smart contracts, decentralized autonomous organizations, Internet of Things liability and security, metaverse legal challenges, quantum computing legal preparedness, neuro-rights, and wearable technology law. He is deeply versed in **cybercrime and digital forensics**, encompassing substantive and procedural cybercrime law, international cooperation, online extremism and terrorism combating, and darknet investigation legalities.

Additional specializations include **cyber security law and compliance**, covering critical information infrastructure protection, incident response, breach notification, and corporate cyber governance; **intermediary liability and content regulation**; and **intellectual property in cyberspace**, addressing copyright protection, software patenting, and IP issues in AI-generated works.

Government Advisory Roles

Dr. Duggal has maintained extensive advisory relationships with the Indian government over two decades. He has been associated with the **Ministry of Electronics and Information Technology (MeitY)** across multiple capacities, including providing foundational inputs to India's Information Technology Act 2000 and subsequent amendments. He serves as an advisor to the **Ministry of Defence** through the Cyber Defence Agency, National Investigative Agency and Bureau of Civil Aviation Security, Ministry of Civil Aviation, Government of India, advising defense officials on cyberspace strategy. He has also advised the **Ministry of Health** and **Ministry of Information and Broadcasting**, with involvement in Reserve Bank of India committees.

His advisory work has included membership in inter-ministerial working groups on cybercrime, the Working Group on Internet Proliferation and Internet Governance (since 2010), and various monitoring and evaluation committees for government-initiated projects.

Publications and Intellectual Contributions

Dr. Duggal has authored 202 internationally acclaimed books serving as definitive reference works across multiple domains of technology law. Among his most significant recent publications are "Regulating AI Vortex- The Duggal Doctrine"(2025) "AGI and Law" (2025), "Artificial Intelligence Agents and Law"(2024) "**ChatGPT & Legalities**" (2023) and "**GPT-4 & Law**" (2023), which provide groundbreaking analyses of legal implications posed by conversational and advanced AI systems, addressing liability, intellectual property, privacy, and regulatory challenges. Other notable works include "**The Metaverse Law**" (2022), a pioneering treatise on virtual property rights and digital ecosystem governance; "**Artificial Intelligence Law**" (2021), a comprehensive treatment of AI legal frameworks and regulatory approaches; "**Cyber Ethics 4.0**" (2019), exploring ethical frameworks for the digital age; and "**Crypto Assets, Crypto-Currencies & Cyberlaw**" (2018), an early comprehensive work on cryptocurrency regulation.

His scholarly contributions have been formally recognized by Book Authority, which has designated eight of his books as among the 24 Best Cyberlaw Books of All Time.

Institutional Leadership

Dr. Duggal chairs multiple influential organizations shaping the global AI and technology law landscape. He serves as **Chief Executive of the Artificial Intelligence Law Hub** (established 2018), a premier global organization focusing on AI legal frameworks, ethics, and regulatory development. He is **Founder-President of the Global Artificial Intelligence Law and Governance Institute (GAILGI)**, which has emerged as a critical voice for Global South perspectives on AI governance.

As **President of Cyberlaws.Net**, he leads the development of cutting-edge cyber law jurisprudence and advocacy. He is **Founder and Conference Director** of the **International Conference on Cyberlaw, Cybercrime & Cybersecurity (ICCC)**, now a globally indispensable annual event supported by 165+ organizations that convenes over 300 speakers and attracts approximately 1,500 attendees. The ICCC has become the preeminent platform for addressing urgent techno-legal challenges and fostering international collaboration among policymakers, industry leaders, law enforcement, judiciary, and academia.

Dr. Pavan Duggal, is the [Founder & Chairman](#) of [International Commission on Cyber Security Law](#). He is also the [President](#) of [Cyberlaws.Net](#) and has been working in the pioneering area of [Cyber Law](#), [Cyber Security Law](#) & [Mobile Law](#).

[Pavan](#) is heading [Blockchain Law Epicentre](#) and is the [Founder-cum-Honorary Chancellor](#) of [Cyberlaw University](#).

His empanelment as a consultant to [UNCTAD](#) and [UNESCAP](#) on Cyber Law and Cyber Crime respectively, membership of the [AFACT](#) Legal Working Group of the [UN](#) / CEFAT, consulting as an expert with the [Council Of Europe on Cyber Crime](#), inclusion in the Board of Experts of European Commission's Dr. E-commerce and his work as an expert authority on a Cyber Law primer for [E-ASEAN Task Force](#) and as a reviewer for [Asian Development Bank](#) speaks volumes of his worldwide acceptance as an authority. Pavan is the President of [Cyberlaw Asia](#), Asia's pioneering organization committed to the passing of dynamic cyber laws in the Asian continent. Dr. Duggal is also a member of the [WIPO Arbitration and Mediation Center Panel of Neutrals](#).

Dr. Pavan Duggal, in association with [International Telecommunications Union](#), conducted two [Training cum Sensitization Programmes for the elected Judges and Officers of the International Court of Justice \(ICJ\) at The Hague, Netherlands on 23rd May, 2019](#).

As an internationally renowned Cyber law and Cyber security subject expert, at the world stage during the [High-Level Policy Statement delivered by him at the World Summit on Information Society \(WSIS\) organized by the International Telecommunications Union \(ITU\), UNESCO, UNCTAD & UNDP in Geneva, Switzerland from 25th May – 29th May, 2015](#). [Pavan Duggal has recommended the need for coming up with an International Convention on Cyberlaw & Cyber Security](#).

Educational Impact

Through **Cyberlaw University**, an online platform he established, Dr. Duggal has extended his educational reach globally. His courses have been completed by more than 32,500 professionals across 174 countries speaking 53 national languages, enabling cross-border cooperation and policy harmonization. The University offers multiple international certification courses including the International Cyberlaw Certification Course, International Cybersecurity Law Certification Course, International Cybercrime Law Certification Course, and International Artificial Intelligence Law Certification Course.

Flagship Initiatives on AI Governance

International AI Legal Framework Initiative (IAILFI): In 2025, Dr. Duggal launched IAILFI, a flagship project dedicated to creating comprehensive legal infrastructure for AI governance worldwide. The initiative seeks to develop clear legal standards for AI development and deployment, address cross-border AI liability and jurisdiction issues, advocate for harmonized international AI regulations, and promote safe, human-centric AI innovation.

Doctrine of Ten Principles for AI Regulation: At the Global Summit on Artificial Intelligence, Emerging Tech Law & Governance (GSAIET2025) convened on July 24, 2025, Dr. Duggal

unveiled his Duggal Doctrine of ten common legal principles that countries across the world could adopt when developing new AI laws.

New Delhi Accord on AI and Emerging Tech Law: The GSAIET2025 summit, organized by Pavan Duggal Associates, GAILGI, and the AI Law Hub and chaired by Dr. Duggal, resulted in the **New Delhi Accord on Artificial Intelligence, Emerging Tech Law and Governance, 2025**—a historic outcome document capturing major recommendations from thought leaders addressing critical components of AI and emerging tech legal ecosystems. The Accord has been shared with stakeholders globally to influence evolving legal jurisprudence.

Global South AI Law and Governance Dialogue (2025): Dr. Duggal organized and chaired the Global South Artificial Intelligence Law and Governance Dialogue on September 30, 2025, positioned as a pivotal moment for advancing the voice and agency of developing nations in AI governance. The initiative emphasizes that developing nations must transition from peripheral observers to central architects of AI law frameworks reflecting their unique developmental realities, ethical imperatives, and technological aspirations.

Core Policy Perspectives

AI Legal Personhood and Accountability: A central theme in Dr. Duggal's thought leadership is his advocacy for granting **legal personhood and recognition to artificial intelligence systems**. He argues that AI possesses an intrinsic ability to cause harm and represents an existential threat to humanity. He contends that legal recognition of AI as a person would enable clearer accountability frameworks and legal principles for defining AI responsibility, solving complex questions about who bears liability for AI-caused harm.

Digital Sovereignty: Dr. Duggal advocates for the concept of **AI sovereignty**, positioning it as an expansion beyond traditional territorial sovereignty. He argues that India should extend its jurisdictional reach over all AI programs made available on computer systems or mobile devices within India, bringing them within the ambit of Indian law regardless of origin. He further advocates that India must develop its sovereign AI capabilities as part of strengthening national interests in the AI era.

Future-Proof and Principle-Based Regulation: Recognizing the rapid pace of AI evolution, Dr. Duggal advocates for **dynamic, adaptive legal frameworks** that are technology-neutral, principle-based, and futuristic rather than prescriptive. He emphasizes that laws made today on AI risk becoming redundant as technology advances faster than legislative processes can accommodate, advocating instead for laws that delegate secondary legislative powers to the central government to adapt regulations as new developments emerge.

Global South Positioning: Dr. Duggal is a prominent advocate for **inclusive AI governance** that reflects the needs and aspirations of developing nations and the Global South. He emphasizes that the Global South's history of innovation under constraint and creativity amid scarcity uniquely qualifies these nations to lead AI governance frameworks that balance ambition with responsibility.

International Cooperation and Harmonization: He advocates for enhanced **international collaboration** and harmonization of AI laws, emphasizing the borderless nature of AI and cyberspace and the critical need for mutual legal assistance and coordinated governance approaches.

Awards and Recognition

Beyond AI platform recognition, Dr. Duggal has received numerous international honors. He holds the prestigious **Ordre du Merite de Budapest** from the Council of Europe (2011), recognizing exceptional contributions to European legal frameworks. He has been listed among the **Top 10 Cyber Lawyers Around the World by World Domain Day** (2022). He received the **UDBHAV SHIKHAR SAMMAN** (2020) for significant contributions to Indian literature and advancing legal knowledge through extensive publishing. He holds distinguished **WIPO Panel of Neutrals membership** in the WIPO Arbitration and Mediation Center for international intellectual property dispute resolution.

Current Focus Areas

As of late 2025, Dr. Duggal continues to position himself at the forefront of emerging challenges in AI governance. His ongoing work addresses legal frameworks for Artificial General Intelligence (AGI) and AI safety, deepfakes and misinformation, metaverse and Web3 legal challenges, quantum computing implications for cybersecurity and cryptography law, neuro-rights, and brain-computer interface regulation. He released his 202nd Book “**Regulating AI Vortex: The Duggal Doctrine**” during the International Conference on Cyberlaw, Cybercrime & Cybersecurity, 2025 and his 201st book, “**AGI and Law,**” at GSAIET2025, exploring the legal dimensions of Artificial General Intelligence. More about Dr. Pavan Duggal is available at <https://pavanduggal.com/> and <http://www.linkedin.com/in/pavanduggal>.