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Sponsored

14TH TIPSCON International Conference **Global Flux 2050**

Navigating Technology, Media, Economy, Law & Human Freedom

APRIL 18, 2026

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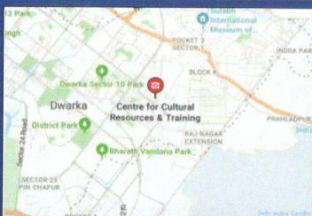
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Report on International Conference- 18th April 2026

The inaugural session of the 14th TIPSCON 2026 International Conference on “*Global Flux 2050: Navigating Technology, Media, Economy, Law & Human Freedom*” was conducted with great enthusiasm and academic spirit. The conference was organized by Trinity Institute of Professional Studies, Dwarka in collaboration with Uniglobe College, Nepal, and sponsored by ICSSR.

The session commenced with registration and morning tea, where participants, academicians, and guests gathered and interacted. This was followed by the ceremonial lamp lighting, symbolizing the dispelling of ignorance and the beginning of knowledge dissemination.

The dignitaries were warmly welcomed through felicitation and welcome ceremony. The formal proceedings began with the **Welcome Address by Prof. (Dr.) R.K. Tandon**, Chairman, Trinity Institute of Professional Studies Dwarka, who highlighted the importance of interdisciplinary dialogue in addressing global challenges.

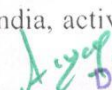
This was followed by the **Conference Address by Prof. (Dr.) Ashutosh Agarwal**, Director, Trinity Institute of Professional Studies Dwarka, who emphasized the role of innovation, research, and collaboration in navigating future uncertainties. The release of the conference book marked an important milestone, showcasing scholarly contributions from various researchers.

The session gained further depth with the **Keynote Address by Ms. Nicoleta Ioana**, CEO of Romania India Welfare Council, who shared international perspectives on economic cooperation and global transformation. The **Guest of Honor, Mr. Anupam Vohra**, delivered an insightful address focusing on global business, tourism, and economic development.

The highlight of the session was the **address by the Chief Guest, Mr. Levente Kardos**, Economic and Commercial Counsellor at the Embassy of Hungary, who discussed international relations, trade opportunities, and the importance of global partnerships in the evolving world order.

The session concluded with a **Vote of Thanks by Prof. (Dr.) Shashi Bala**, expressing gratitude to all dignitaries, participants, and organizers. The inaugural ceremony ended on a patriotic note with the National Anthem.

The CS-IT and Mathematics Track was chaired by **Prof. (Dr.) Shailesh D. Kamble** is a Professor in the Department of Artificial Intelligence and Data Science at IGDTUW, New Delhi, with over 23 years of extensive teaching and research experience. An accomplished academican, he specializes in emerging areas of AI and Data Science, contributing significantly to teaching, research, and academic development. He is a life member of ISTE, India, and a Fellow of IE(I),(The Institution of Engineers (India) [IEI]) India, actively contributing to the advancement of technical education and research.


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The **CS- IT & Mathematics Track** was a vibrant display of knowledge, innovation and inquisitiveness. In the IT track there were 9 offline and 4 online presentations and in the mathematics track there were 2 offline presentations.

The technical session highlighted the growing impact of Artificial Intelligence, Machine Learning, and advanced computational techniques across diverse domains. A major focus of the session was on the application of AI-driven systems to enhance efficiency, accuracy, and decision-making in real-world scenarios. Topics such as voice-enabled automation, deep learning-based image segmentation, and intelligent systems for healthcare demonstrated how emerging technologies are transforming user experience and critical sectors.

A significant portion of the discussion revolved around healthcare innovations, where AI and machine learning models were explored for disease prediction, mental health analysis, and fertility treatment optimization. These studies emphasized the potential of data-driven approaches in improving diagnostic accuracy and patient outcomes. Additionally, sustainability and environmental concerns were addressed through AI applications in monitoring aquatic ecosystems and promoting responsible growth through ESG practices.

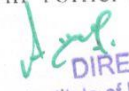
The session also covered the role of technology in strengthening financial inclusion, highlighting how digital platforms and information technology are reshaping access to banking services. In the domain of cybersecurity, research focused on network intrusion detection and prevention of social engineering attacks, underlining the importance of AI in safeguarding digital infrastructure. Furthermore, discussions on misinformation detection showcased the relevance of AI in maintaining the integrity of digital content.

Online presentations expanded the scope of the session by introducing AI applications in automated trading systems and sustainable healthcare frameworks. Broader perspectives were provided on the global implications of artificial intelligence, particularly in areas such as geopolitics, energy, trade, and digital sovereignty.

The mathematics track complemented the IT discussions by focusing on theoretical and computational advancements, including black hole physics and numerical methods for solving complex equations. These contributions reinforced the foundational role of mathematical modeling in supporting technological innovation.

Overall, the session provided a comprehensive overview of interdisciplinary research, demonstrating how AI, machine learning, and mathematical techniques are driving innovation across sectors. The discussions underscored the importance of integrating technology with sustainability, security, and societal well-being for future-ready solutions.

The **Journalism and Mass Communication** session emphasized the importance of adaptability in a rapidly evolving global landscape, echoing Alvin Toffler's perspective on the necessity to "learn, unlearn, and relearn."


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The session was chaired by Dr. Abinash Kumar Jha, an eminent academician and media professional with over 26 years of experience in print, digital, and multimedia journalism. Currently serving as Professor of Mass Communication at South Asian University, New Delhi, he has made significant contributions to both academia and the media industry.

As a gesture of respect and appreciation, Dr. Abinash Kumar Jha was felicitated with a memento by Dr. Ruchika Gupta, acknowledging his valuable presence and contribution to the session. The session followed a well-structured format to ensure effective time management and meaningful interaction. Each presenter was allotted four minutes for their presentation, followed by a two-minute question-and-answer session. Emphasis was placed on maintaining clarity, brevity, and focus throughout the presentations.

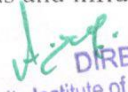
The session focused on the evolving dynamics of media and communication in the digital age, particularly in the context of misinformation, algorithmic influence, and changing patterns of public engagement. A central theme throughout the presentations was the growing impact of digital platforms on democratic discourse and civic participation. Discussions highlighted how digital activism and social media have transformed public engagement by making communication more immediate and accessible, while simultaneously posing challenges related to misinformation and manipulation.

A key concern addressed during the session was the declining trust in traditional journalism and the shift towards rapid, digital-first news dissemination. The deliberations emphasized how the pressure for speed often compromises accuracy, leading to the spread of unverified information. This has further intensified the need for ethical journalism, media accountability, and responsible content creation.

Another major area of discussion was the role of algorithms in shaping public opinion. It was observed that algorithm-driven content often creates echo chambers, reinforcing existing beliefs and limiting exposure to diverse perspectives. This phenomenon, coupled with personalized content consumption, was linked to a gradual erosion of critical thinking, particularly among younger audiences.

The session also explored the growing threat of misinformation and digital propaganda, including the emergence of advanced technologies such as deepfakes. These developments have made it increasingly difficult to distinguish between authentic and manipulated content, thereby posing serious challenges to informed decision-making and individual freedom. The need for stronger regulatory frameworks, technological interventions, and increased public awareness was strongly emphasized.

In addition, the session touched upon the broader cultural implications of media, including the representation of identity and agency in visual and cinematic narratives. These discussions highlighted how media continues to shape societal perceptions and influence cultural discourse.


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Overall, the session provided a comprehensive and critical perspective on contemporary media challenges. It underscored the importance of media literacy, ethical practices, and responsible digital engagement in navigating the complexities of the modern information ecosystem.

The papers presented under the **Law theme** collectively reflect a rich and timely engagement with the intersection of law, technology, and justice in contemporary India and beyond. Covering constitutional governance, digital privacy, intellectual property, labour rights, artificial intelligence, and criminal law reform, the submissions converge on a common concern: that existing legal frameworks, many of which were designed for an earlier era, are struggling to keep pace with the demands of a rapidly evolving digital and social landscape.

A significant cluster of papers addresses the inadequacy of India's constitutional and statutory frameworks in the face of modern governance challenges. Aayushi Pareek and Dr Arpit Totuka examine executive clemency under Articles 72 and 161 of the Constitution, identifying structural deficits such as undefined timelines, the absence of mandatory reasoning, and the growing influence of digital media on clemency decisions. Their proposal for a National Clemency Advisory Board and a public digital register signals a broader demand for transparency and procedural accountability in constitutional governance. Similarly, Ms Alpana Yadav and Mr Sahil Raria interrogate the Right to be Forgotten as an emanation of Article 21, finding that the Digital Personal Data Protection Act, 2023, offers only a limited right to erasure under Section 12 — far short of the enforceable, standalone statutory framework that the constitutional promise demands. Both papers illustrate a recurring tension in Indian law between expansive constitutional rights and the statutory silence or inadequacy that follows.

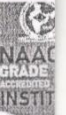
Digital privacy emerges as perhaps the dominant theme across the submissions. Jaishruti Choudhary's comparative analysis of India's DPDP Act, 2023, and Japan's Act on the Protection of Personal Information shows that while India has taken significant steps towards a rights-based data protection regime, broad state exclusions and a structurally weak regulatory authority continue to undermine meaningful digital autonomy for citizens. Ms Garima Juneja and Ms Kashish Gupta extend this concern to biometric data, highlighting the unique and irreversible risks posed by the collection of fingerprints, facial recognition data, iris scans, and voice authentication. Their analysis of the GDPR, Illinois's Biometric Information Privacy Act, and India's Aadhaar framework exposes persistent regulatory gaps and calls for a more robust, rights-respecting governance architecture. Together, these papers make a compelling case that data protection in India remains a work in progress, with significant institutional and legislative reform still required.

The relationship between artificial intelligence and human rights — whether for workers, individuals, or society at large — is another axis around which several papers are organised. Sarthak Singh and Amit Schrawat engage directly with the philosophical and legal dimensions of AI's challenge to human agency, arguing that as algorithmic systems increasingly shape decisions in healthcare, education, and governance, traditional notions of individual responsibility and autonomous choice are eroded. Their call for transparency and ethical oversight in AI development



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resonates with the findings of Tanima Bhatia, Dr Smita Tyagi, and Dr Abhilasha Raj, who examine algorithmic management in India's gig economy. These authors demonstrate that platforms such as Swiggy, Zomato, and Uber exercise effective employer control over workers through GPS tracking, automated deactivation, and rating-based discipline — yet India's Four Labour Codes provide no reclassification mechanism or procedural safeguard against such algorithmic authority. Their proposal for a statutory right to human review before deactivation is a concrete and necessary reform. Ms Anubhuti Sharma and Dr Apeksha Santosh Agrawal add another dimension by examining the technological landscape of deepfakes and AI-generated media, documenting how Generative Adversarial Networks and Large Language Models are deployed to create hyper-realistic synthetic content with serious implications for privacy, reputation, and information integrity. The paper underscores the urgency of regulatory oversight and ethical AI governance frameworks.

Labour rights in the digital economy receive sustained attention in two papers that, read together, present a comprehensive critique of how platform capitalism reshapes the worker-employer relationship. While Bhatia, Tyagi, and Raj focus on the control test and algorithmic supervision, Dr Sonika Ahlawat's contribution examines the broader structural tension between flexibility and fairness in digital labour markets. She argues that the rhetoric of flexibility — often celebrated as a feature of gig and platform work — frequently masks exploitative practices, shifts economic risk onto workers, and excludes them from protections historically associated with standard employment. Her conclusion that flexibility and fairness are not inherently incompatible, but require deliberate policy innovation and a rethinking of the social contract, provides an important normative framework for reform.

Two papers engage with international and comparative dimensions of intellectual property and space law. Abhilasha Yadav and Maansi Ahuja address the novel challenge of enforcing copyright in outer space, with a focus on remote sensing and geospatial data. The tension between the territorial nature of IP rights and the principle of space as *res communis* — a common heritage of mankind — creates significant legal ambiguity, particularly regarding the protection of non-creative databases. Their recommendation for a *sui generis* legislative framework modelled on European standards is a thoughtful response to a genuinely complex jurisdictional problem. Mr Aditya Gurjar and Jyoti Verma, meanwhile, turn to the domain of criminal law, arguing for a gender-neutral approach to rape laws that recognises male victimisation, addresses underreporting due to stigma, and ensures due process for the accused. Their argument that gender-neutral reform strengthens rather than weakens the legal system's commitment to justice adds an important perspective to ongoing debates about criminal law reform in India.

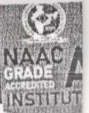
Complementing the legal scholarship, Rashima Sharma and Dr. Puneet Kapatia contribute a philosophical perspective on freedom in the digital age, examining how the evolution of information and communication technologies reshapes the social and cultural fabric of human life. Their paper interrogates the foundational tension between control and freedom in the context of active digital integration, exploring both the positive and negative dimensions of freedom as

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experienced in digital reality. They argue that while digitisation poses genuine risks to individual identity and autonomous choice — particularly through algorithmic justice, data surveillance, and the opacity of digital systems — human consciousness retains a creative flexibility that opens new possibilities for collaboration with the digital world. The paper calls for open communication among civil society, the scientific community, and government agencies to ensure that the digital environment upholds rather than restricts fundamental human rights and freedoms, including the rights to privacy, security, freedom of expression, and access to a safe internet. This philosophical contribution provides an essential normative foundation for the legal reform arguments advanced across the other tracks.

Taken as a whole, the papers presented across the Law Tracks reflect a legal scholarship that is increasingly attentive to the disruptive effects of technology on established legal categories and the urgent need for institutional adaptation. Whether the subject is clemency, privacy, labour, intellectual property, or criminal justice, a common thread runs through all submissions: the law must evolve not merely in its substance but in its architecture — developing more transparent, accountable, and rights-respecting frameworks capable of meeting the challenges of the digital age. The convergence of constitutional law, comparative legal analysis, and concrete reform proposals across these papers makes for a body of work that is both academically rigorous and practically significant.

The Management and Commerce session highlighted the growing convergence of technology, finance, and consumer behavior in shaping modern management practices. A key theme was the increasing role of fintech and digital payment systems in enhancing user engagement and financial inclusion. Features such as gamification, rewards, and personalized interfaces were identified as powerful tools for influencing consumer behavior. At the same time, the ease of digital transactions has contributed to changing spending patterns, including impulsive financial decisions, underscoring the need for greater financial discipline.

A significant concern discussed was data privacy and digital security in an increasingly interconnected ecosystem. While privacy is widely recognized as a fundamental right, challenges such as data breaches, weak regulatory enforcement, and cross-border risks continue to persist. The discussions emphasized the importance of stronger governance frameworks, improved cybersecurity measures, and enhanced digital literacy to ensure a balance between innovation and user protection.

The session also explored financial literacy and personal financial behavior, particularly among younger populations. It was observed that while digital financial tools are becoming more prevalent, limited awareness and risk aversion continue to influence decision-making. Financial stress and anxiety emerged as important issues, closely linked to income instability, debt, and rising living costs, highlighting the need for structured financial education and planning mechanisms.

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Another major theme was the transformative impact of artificial intelligence on business and management functions. AI is increasingly being used to improve efficiency, forecasting, and personalization across domains such as marketing, finance, and human resource management. However, concerns related to ethical use, high implementation costs, and skill gaps were also emphasized. Responsible adoption of AI—guided by transparency, accountability, and ethical standards—was identified as essential for building trust and ensuring sustainable organizational performance.

The discussion on the future of work reflected the profound influence of digital transformation on employment patterns. The rise of remote work, gig economy roles, and flexible job structures has improved accessibility but also introduced challenges such as job insecurity and workforce inequality. Continuous learning, reskilling, and supportive policy frameworks were highlighted as critical for creating a resilient and inclusive workforce.

Sustainability and environmental responsibility emerged as central concerns, with emphasis on renewable energy, ESG practices, and green finance. While advancements in these areas are encouraging, variations across industries and regions indicate the need for more targeted strategies and policy alignment. The issue of greenwashing, particularly through digital platforms, was also discussed as a growing threat to consumer trust.

The session further examined India's development trajectory, focusing on the challenge of balancing economic growth with environmental sustainability goals. Achieving long-term progress requires coordinated efforts in renewable energy adoption, reduced dependence on non-renewable resources, and increased climate-focused investments.

Additionally, the role of digitalization in driving business growth was emphasized, particularly in e-commerce and digital marketing. Data-driven strategies, social media engagement, and personalized content were identified as key drivers of consumer behavior. Emerging technologies such as augmented reality were also noted for enhancing user experience and influencing purchase decisions.

Policy and regulatory frameworks were recognized as crucial in shaping business environments. While reforms have improved transparency and efficiency, they have also introduced compliance challenges, especially for smaller enterprises. Effective leadership and strategic implementation were highlighted as essential for navigating such transitions.

The valedictory session of the 14th TIPSCON 2026 International Conference marked the successful conclusion of a day filled with insightful discussions and academic engagement on the theme "*Global Flux 2050: Navigating Technology, Media, Economy, Law & Human Freedom.*"

The session began with the welcome and felicitation of guests, acknowledging their valuable presence and contribution to the conference.

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The first address was delivered by **Guest of Honor, Prof. Govind Singh**, who shared his vast experience in media and academia. He emphasized the growing role of media in shaping public opinion and the need for responsible communication in a rapidly changing global environment.

This was followed by an address by **Mr. Cedrick C. Crowley**, Deputy High Commissioner from the South African High Commission. He highlighted the importance of international cooperation, cultural exchange, and diplomatic relations in addressing global challenges.

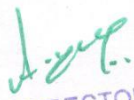
The Valedictory Note by **Prof. (Dr.) Ashutosh Agarwal**, Director, Trinity Institute of Professional Studies, Dwarka, summarized the key insights and outcomes of the conference. He appreciated the participation of scholars and emphasized the significance of such platforms in promoting research and knowledge sharing.

One of the most engaging parts of the session was the certificate distribution ceremony, where participants and presenters were recognized for their contributions and active involvement.

The session concluded with a **Vote of Thanks by Prof. (Dr.) Shashi Bala**, who expressed sincere gratitude to all dignitaries, speakers, organizers, and participants for making the conference a success.

The program ended with a tea session, providing an opportunity for networking and informal discussions among attendees.

Overall, the valedictory session effectively concluded the conference by reflecting on its achievements, appreciating contributions, and encouraging continued academic collaboration in the future.

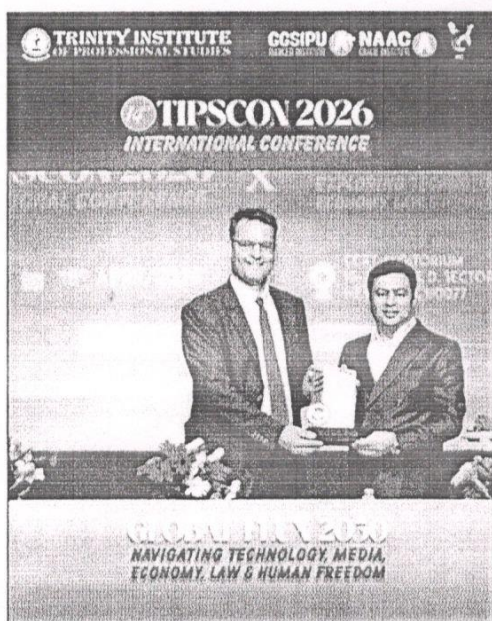
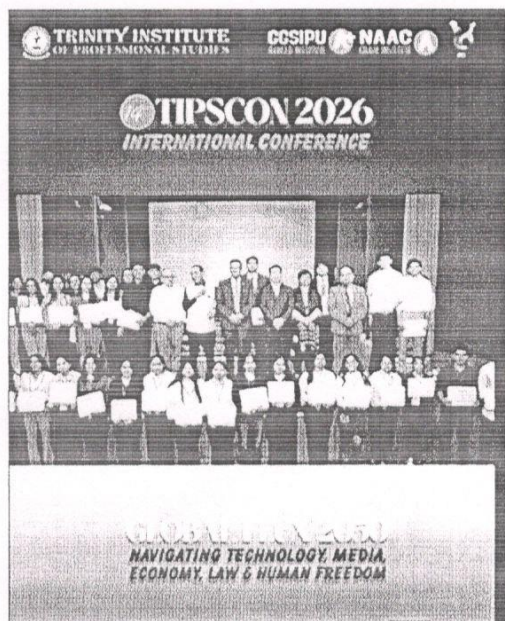
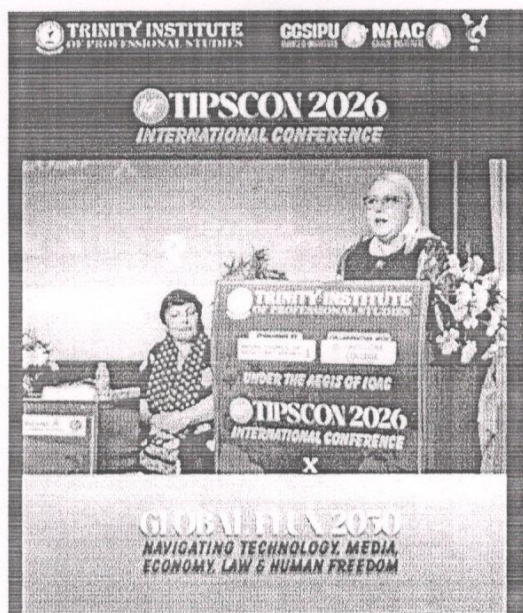

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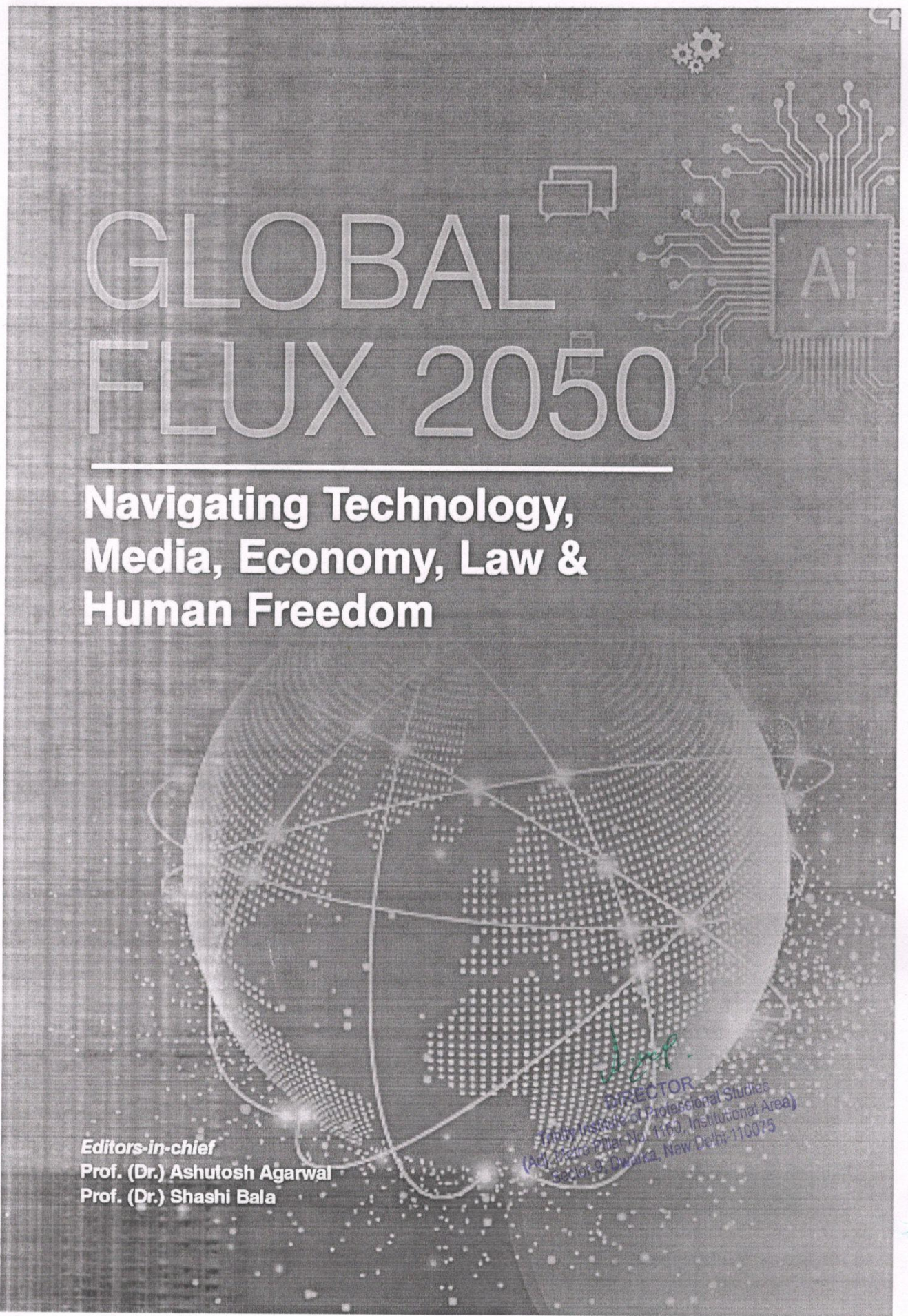


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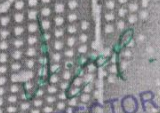
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It is our privilege to present this edited volume for the International Conference on "Global Flux 2050: Navigating Technology, Media, Economy, Law & Human Freedom". This is a collection of research & article papers which brings together diverse voices at a time when humanity is confronting unprecedented speed, scale, and complexity in global transformation.

As the world looks toward 2050, the intersections between technological innovation, evolving media ecosystems, shifting economic paradigms, emerging legal frameworks, and the enduring pursuit of human freedom can no longer be viewed in isolation. Instead, they form an interconnected fabric that shapes societal structures and individual experiences alike. Each chapter in this volume reflects this integrated perspective, offering critical insights, thoughtful analysis, and forward-looking approaches from academicians and research scholars across disciplines.

Our contributors not only explore future trajectories but also emphasize the core values that must guide our collective progress. Their work invites us to think critically, act responsibly, and engage constructively with the forces redefining our world. It is our hope that this volume serves not merely as a repository of ideas, but as a catalyst for meaningful dialogue and impactful action.

This publication has been enriched by the guidance of a distinguished Editorial Board comprising experienced experts across various domains represented in the conference. We extend our heartfelt gratitude for their unwavering support, timely review processes, and invaluable contributions in maintaining the academic rigor and quality of this work.

We sincerely acknowledge the authors for their scholarly contributions, the reviewers for their time and critical insights, and the Co-Editors for their diligence in ensuring the timely processing of manuscripts. The vision and guidance of the Advisory Board have been instrumental in shaping this volume.

We once again express our deep appreciation to all authors, co-editors, reviewers, and collaborators whose dedication made this publication possible. May this volume inspire meaningful outcomes.

Prof. (Dr.) Ashutosh Agarwal

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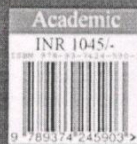
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