

AI Generated



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Reimagining Scholarly Publishing in the Age of AI: Thoughts & Perspectives

by Dr Deeksha Gupta (American Chemical Society)

With the rapid evolution of Artificial Intelligence, scholarly publishing is undergoing a profound transformation. While the first digital shift moved content from paper to digital formats, largely preserving traditional structures, the current wave is far more disruptive. It is redefining workflows, incentives, and outputs, presenting both exciting opportunities and significant challenges. This conversation explores how AI accelerates research processes while also reflecting upon the long-standing norms and standards around peer review, authorship, access, and ethics. Also, from researchers' perspective when these intelligent systems become capable of generating scientific knowledge, how our human-centric definitions of transparency and integrity evolve in an AI-augmented research ecosystem is an interesting sphere to look at.

Join us for a thought-provoking session that examines the promises and perils of AI in academic publishing and offers diverse perspectives on shaping the future of scholarly communication.



Dr Deeksha Gupta leads development and delivery of innovative programs and products focusing on skill development & innovation, and scientific research for the global scientific community. Trained as a scientist, she considers Her key interests are A I in scholarly communication, design thinking-based Innovation, professional development for the STEM community, and developing strategic partnerships and networks.

Deeksha holds a Ph.D. from IIT Delhi in Material Science and Engineering. She has earlier worked at the Royal Society of Chemistry, UK; City University of New York, US; RWTH Aachen, Germany; Momentive Performance Materials (former GE Silicones), Bengaluru, India.

In recognition of her dedicated work to support the scientific community, she is selected as INSA Women Associate. She also serves as Expert Committee member on INSA's Centre for Science & Technology Policy (CSTP).

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Lecture Theatre AG66, TIFR

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