

Dr. Loveleen Gaur

AI Educator · Researcher · Responsible AI Advisor

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CORE FOCUS

Responsible AI
Explainable AI
Healthcare AI
Generative AI
AI Governance

150+	5,200+	170+	Top 2%
RESEARCH OUTPUTS	CITATIONS	PEER REVIEWS	SCIENTISTS 2024–2025

PROFESSIONAL PROFILE

Teacher-scholar and international academic leader with 20+ years of experience across artificial intelligence, data science, healthcare innovation and responsible technology. Research spans medical imaging, explainable AI for clinical decision support, generative AI governance and algorithmic accountability. Extensive record in doctoral supervision, curriculum design, editorial leadership, executive education and interdisciplinary collaboration across the United States, India, Peru, Fiji, Malaysia and Europe.

CURRENT ACADEMIC & PROFESSIONAL APPOINTMENTS

Professor of Practice — <i>Golden Gate University Worldwide</i>	2026–Present
Guides DBA candidates through topic proposal, proposal defense and final dissertation; contributes expertise in AI and data science research.	
Professor of Practice — <i>Paris School of Business</i>	Current
Engaged with MBA and MBMT programs; teaches Generative AI for Leaders, Business Analytics and Machine Learning.	
Faculty Lead, Doctoral Program in Deep Tech — <i>Universidad Nacional Mayor de San Marcos</i>	2026–Present
Designed and leads doctoral teaching in Research Methods and Scientific Integrity in AI, with a 48-contact-hour applied methodology focus.	
Research Professor — <i>Alliance University</i>	Current
Supports high-impact AI and data science research, doctoral supervision and international research partnerships.	
External Co-Supervisor, Postdoctoral Fellowship — <i>World Research Union × Jesselton University College</i>	2026–2027
Guides postdoctoral fellows through research consultation, academic discussion and manuscript development across explainable AI, cloud systems and academic integrity.	
Global Advisor — <i>ConnectingIT Technologies</i>	2026–Present
Provides strategic guidance on AI-driven enterprise solutions, responsible AI adoption and governance of deployed systems.	

TEACHING, CURRICULUM & RESEARCH SUPERVISION

- Designed and delivered curricula for PhD, DBA, MBA, MCA, executive and law programs across AI, data science, analytics, research methods, scientific integrity and legal technology.
- Principal supervisor for three scholars who completed their doctoral research and were awarded PhD degrees; secondary supervisor and mentor for numerous PhD and DBA candidates.
- Dissertation Committee Chair for DBA candidates; external PhD committee member and examiner; postdoctoral co-supervisor for international fellows.
- Designed a 30-hour certificate in Strategic Prompt Engineering, Agentic AI and Generative AI Applications for MBA and executive learners.
- Supervised student research receiving two IEEE Best Paper Awards at IMED Conference 2026.

SELECTED RESEARCH & EDITORIAL LEADERSHIP

- Co-Editor-in-Chief, Communications in Statistics: Case Studies, Data Analysis and Applications (Taylor & Francis).
- Series Editor, Concise Introductions to AI and Data Science (Wiley-Scrivener).
- Topic, guest and review editor across Frontiers journals, Springer and MDPI.
- Research portfolio includes healthcare AI, medical imaging, XAI, responsible AI, generative AI, deepfakes, AI policy, cybersecurity and sustainability.

SELECTED PUBLICATIONS

- Gaur, L., Siarry, P., Abraham, A., & Castillo, O. (2024). Advancements of deep learning in medical imaging for neurodegenerative diseases. *Frontiers in Neuroscience*, 18, 1361055.
- Chaudhary, M., Gaur, L., et al. (2025). An integrated model to evaluate transparency in predicting employee churn using explainable artificial intelligence. *Journal of Innovation & Knowledge*, 10(3), 100700.
- Gaur, L., Mohan, B., et al. (2023). Explanation-driven HCI model to examine the minimal state for Alzheimer's disease. *ACM Transactions on Multimedia Computing, Communications, and Applications*.
- Gaur, L., Bhandari, M., et al. (2022). Explanation-driven deep learning model for prediction of brain tumour status using MRI image data. *Frontiers in Genetics*, 13, 822666.
- Gaur, L., Bhatia, U., et al. (2023). Medical image-based detection of COVID-19 using deep convolutional neural networks. *Multimedia Systems*, 29(3), 1729–1738.

BOOKS & SCHOLARLY PUBLISHING

- 29+ published books and 20+ edited volumes across CRC Press, Taylor & Francis, Springer, IGI Global and River Publishers.
- *DeepFakes: Creation, Detection, and Impact* — Taylor & Francis; second edition in development.
- *Understanding the Ethics of Generative AI: A Developer's Guide* — CRC Press, in press.
- 60+ book chapters across healthcare AI, explainable AI, generative AI, cybersecurity and digital innovation.

INVITED TALKS & ACADEMIC SERVICE

- Invited Keynote, SICDAS 2025: "Sovereign Foundation Models for Healthcare: The Next Frontier of Clinical AI."
- Invited Speaker, Mi-IRICT 2025, MAHSA University, Malaysia; recognized for Outstanding Academic Contribution.
- Regular invited speaker at IEEE, Springer, IGI Global and EC-Council conferences on AI, healthcare, governance and ethical innovation.
- Panelist and moderator at international forums on AI governance, deep tech innovation and responsible technology deployment.

SELECTED PRIOR LEADERSHIP

- Director and Professor, Symbiosis Artificial Intelligence Institute — institutional strategy, curriculum design, doctoral oversight and industry-academia collaboration.
- Professor, Amity University — designed and launched postgraduate programs in AI and Business Analytics; supervised PhD and postgraduate research.
- Adjunct Professor, University of the South Pacific — academic development, research collaboration and doctoral mentoring.

RECOGNITION

- Elsevier–Stanford World's Top 2% Scientists, 2024 and 2025
- Senior Member, IEEE
- QS Reimagine Education Awards Judge, 2026
- CIEMA Research Excellence Award
- Two IEEE Best Paper Awards for supervised research

EDUCATION

- PhD, Computer Applications, 2011
- M.Phil., Computer Applications, 2005
- Master of Computer Applications, 2002
- B.Sc., Chemistry, Botany and Zoology, 1998

CERTIFICATIONS

- Generative AI Specialist — IBM
- Agentic AI and AI for Leaders — Vanderbilt University
- AI for Business — University of Pennsylvania
- Generative AI Pinnacle Program — Analytics Vidhya

CORE COMPETENCIES

- AI Ethics & Governance
- Responsible AI & Fairness
- Explainable AI (XAI)
- Healthcare & Medical Imaging AI
- Generative AI & LLMs
- Agentic AI
- AI Policy & Regulation
- Predictive & Prescriptive Analytics
- Research Design & Doctoral Mentoring
- Executive Education & Curriculum Development