



**Vwani Roychowdhury**  
**Professor, Department of Electrical and Computer Engineering**  
**Samueli School of Engineering, UC Los Angeles**

Vwani P. Roychowdhury received his B.Tech. from the Indian Institute of Technology Kanpur and went on to receive a Ph.D. in electrical engineering from Stanford. He became a faculty member at the School of Electrical and Computer Engineering at Purdue University and then joined the University of California, Los Angeles, where he is currently a Professor of Electrical Engineering and Director of The Roychowdhury Group in computational science.

His passion is to develop informational and computational models of the world, using tools from information theory, physics, mathematics, and engineering. This has allowed him to play a pioneering role in several disciplines, including Quantum computing, Artificial neural networks, AI and machine learning, knowledge distillation and Natural Language Processing. He has published more than 300 research papers, several books and more than 15 US patents. His recent research work on the Web and concept graphs has also led to the founding of two Silicon Valley startups.