A Brief Profile of Dr. Balaraman Ravindran

Dr. Balaraman Ravindran
Professor and Head, School of Data Science and
Artificial Intelligence,
Head, Robert Bosch Centre for Data Science and
Artificial Intelligence Centre for Responsible AI
IIT Madras.

- Founding head of the Wadhwani School of Data Science and AI, the Robert Bosch Centre for Data Science & AI and the Centre for Responsible AI (CeRAI) at IIT Madras.

- Mindtree Faculty Fellow and Professor in the Department of Data Science and AI at IIT Madras.

- Alumnus of Thiagarajar College of Engineering, where he completed his BE degree.

- Ranked as the No.1 Deep Reinforcement Learning Expert and among the top 3 Machine Learning Experts in India.

- Elected as ACM Distinguished Member (2021) for significant contributions to computing.

- Recognized as a Senior member of AAAI (Association for the Advancement of AI) in 2020 for long-standing contributions to AI.

- Elected as a Fellow of the Indian National Academy of Engineering (2023).

- Published over 150 papers in premier journals and conferences.

- Helped organize premier conferences such as AAAI 2021, 2023-24, and KDD 2023.

- Led the design of the curriculum for several data science and AI degree programs at IIT Madras.

- Directs the dual degree program on data science and the joint M.Sc in Data Science and AI with the University of Birmingham, UK.

- Works with students have won several best paper awards, including the best application paper at Pacific Asia conference on Knowledge Discovery and Data 2021 (PAKDD 2021), top-4 paper in AAMAS 2020 and best paper in CoDS-COMAD 2018.

- Collaborates with industrial research labs like Google Research, Intel Research, Ericsson R&D, TCS, Robert Bosch, KLA Tencor, Applied Materials, GE, Adobe Research, IBM India Research Labs, Yahoo! Labs and General Motors.

- Serves on the editorial boards of top journals.

- Member of the ACM Publications board's AI task force.

- Co-chaired the committee that suggested regulations for the use of AI in financial markets in India.

- Chaired the national task force on AI and cybersecurity.

- Member of the Government of India's taskforce on defense applications of AI.

- Member of the Government of India's Advisory Group on AI for India Specific Regulatory AI Framework.

- Member of the AI Advisory Council of the AI for India 2030 initiative of C4IR India of the World Economic Forum.

- Represents India on the Expert Advisory Panel to the UK's State of the Science Report on Advanced AI Safety.

- Serving as the Commissioner on the Global Commission on Responsible Artificial Intelligence in the Military Domain (GC REAIM).