



Ministry of Human Resource Development
Government of India



Prof. Narayanan Srinivasan

The Centre of Behavioural and Cognitive Sciences (CBCS), University of Allahabad is organizing a Global Initiative for Academic Network (GIAN) Course from **11-22 February, 2019** on “**Advances in Learning and Decision Making: At the Interface between Neuroscience, Psychology, Machine Learning and Robotics**” by Dr. Mehdi Khamassi, French National Center for Scientific Research (CNRS), working at the Institute of Intelligent Systems and Robotics (ISIR), Sorbonne Université, Paris, France, Prof. Prof. Narayanan Srinivasan. Inauguration of the GIAN course will be held on February 11, 2019 at 10 morning in the Auditorium of CBCS, AU. Prof. R.L. Hangloo (Chair), Vice-Chancellor, University of Allahabad will chair the Inaugural Session. Prof. R. K. Singh (local GIAN coordinator) will discuss the GIAN program and its features. Dr. Mehdi Khamassi is a permanent research scientist at the French National Center for Scientific Research (CNRS), working at the Institute of Intelligent Systems and Robotics (ISIR), Sorbonne Université, Paris, France. He is also a visiting researcher in the Intelligent Robotics and Automation Laboratory of the National Technical University of Athens, Greece, and in the Department of Experimental Psychology at the University of Oxford, UK. He has a Master degree in Electrical and Computer Engineering (2003) from Conservatoire National des Arts et Métiers, Paris, France, and a Master degree in Cognitive Sciences (2003), a Ph.D. in Cognitive Neuroscience (2007) and a Habilitation to Direct Researches (2014) from Université Pierre et Marie Curie, Paris, France. He currently serves as director of studies for the Cogmaster program at Ecole Normale Supérieure / Ecole des Hautes Etudes en Sciences Sociales / Université Paris Descartes, Paris, France, and as associate editor for the journals *Frontiers in Neurorobotics* and *Intellectica*. His main research interests include decision-making, reinforcement learning, performance monitoring, and reward signals during social and non-social paradigms. In 2-week GIAN course participants from across country will participate. The course will consist of five modules:

Course Duration (February 11-22, 2019)

Module 1: Introduction to an Interdisciplinary Field of Studies (3 Lectures)

Module 2: Computational models of Machine Learning (5 Lectures)

Module 3: Value-based decision-making in Neuro & Psychology (3 Lectures)

Module 4: Ethical and societal questions (3 Lectures)

Module 5: Interfaces, Integration and Future Challenges (3 Lectures)