

ANANDARUP MUKHERJEE

Anandarup Mukherjee is currently pursuing Ph.D. in Engineering from Indian Institute of Technology, Kharagpur (IIT Kharagpur). He concurrently serves as the Founder and Director of Sensordrops Networks Pvt. Ltd., a govt. recognized startup incubated at the Science and Technology Entrepreneur's Park at IIT Kharagpur. He is also associated with the hugely popular NPTEL MOOC course on "Introduction to Internet of Things" taken by Prof. Sudip Misra of IIT Kharagpur. He has been part of many of these video lectures during the demonstration of various hardware and embedded systems during the design of IoT-based solutions. He has given talks on many topics at both national and international venues on topics ranging from IoT, UAVs, and Sensor Networks.

He is additionally employed as a Senior Research Fellow (SRF) in the Department of Computer Science & Engineering at IIT Kharagpur, as part of a project funded by MEITY, New Delhi. He has also been associated with various national and international funded projects of organizations such as ITRA- Media Lab Asia, ICAR, British Council, etc.

He completed his M. Tech, and B. Tech in Electronics and Communications from the West Bengal University of Technology in the years 2012 and 2010, respectively. He has also served as an Assistant professor in the Department of Electronics & Communication Engineering at University of Engineering & Management, Jaipur (2012-2014); before that he had served as a Lecturer in the Department of Information Technology at the Institute of Engineering & Management, Kolkata (2011-2012).

Mr. Mukherjee has been awarded various prestigious awards such as the 2018 Gandhian Young Technological Innovation award by the Hon'ble President of India for "Socially Relevant Innovation", the Dr. Amulya K. N. Reddy Award awarded by the Hari-om Ashram Prerit Society for commercialization of prototype, and from organizations such as IBM and Johnson Controls at IIT Kharagpur. During his Ph. D tenure, he has also been the recipient of many prestigious travel grants for attending conferences, workshops, and meetings across the globe from organizations such as Microsoft R&D, ACM, IIT Kharagpur, DEITY, etc. He has also been popularly covered in national print and televised media for his works on UAVs and IoT based systems in healthcare.

Till date, he has a total of more than 16 referred scientific publications in renowned SCI-indexed journals and globally famous conferences. He has more than 50 citations with an h-index of 5 (Google Scholar) till date. His research interests include, but are not limited to, networked robots, unmanned aerial vehicle swarms and enabling deep learning for these platforms for controls and communications. These solutions are mainly aimed at intelligent and autonomous control and coordination between ground stations and unmanned aerial vehicles (UAVs), as well as, between multiple UAVs in flight.