

TEACHING	Introduction to Programming, USC	Fall 2023	
	Introduction to Reinforcement Learning, IIITB	Summer 2019	
	Applied Machine Learning, TCS Bangalore, Videoken, IIITB	Spring 2019	
	Mathematics for Machine Learning, IIITB	Fall 2018	
SERVICE	Reviewer , Neural Computing and Applications Journal	2023/2024	
	Publicity Chair , HiPC 2024 Conference	2024	
	Travel Awards Chair , HiPC 2023 Conference	2023	
ACADEMIC PROJECTS (SELECTED)	<ul style="list-style-type: none"> • Active interactive learning (USC) (TASK)(REPORT) • Mathematical formulation of a research project (USC) (TASK)(REPORT) • Low-rank models for missing data imputation in EHRs (NYU) (ARXIV)(CODE) • Optimizing ResNet while being mindful of limited resources (NYU) (ARXIV)(CODE) • Spectral Clustering algorithms for Directed Graphs (NYU) (ARXIV)(CODE) • Text-conditional DCGANs for text-to-image synthesis (IIITB) (REPORT)(CODE) • Qualitative Inference with Multi-modal Interaction (IIITB) (REPORT)(CODE) 		
PRESENTATIONS (SELECTED)	ON THE CONFLUENCE OF MARL AND GRAPHS, USC	2024	
	DECISION-MAKING UNDER UNCERTAINTY VIA MARL, USC	2023	
	CAMMARL (accepted paper), MABe @ CVPR 2023, Mila		
	SPECTRAL CLUSTERING ON DIRECTED GRAPHS, NYU	2022	
	LOW-RANK-MODELS FOR MISSING DATA IMPUTATIONS IN EHRs, NYU		
	INFORMATIONALLY-MOSAIC REINFORCEMENT LEARNING, NYU		
	HAMMER (accepted paper), ALA @ AAMAS 2021	2021	
	BRINGING RL TO THE REAL WORLD!, IMPRS-IS PhD Symposium 2021		
	FULLY COOPERATIVE MULTI-AGENT RL: BUSINESS ANGLE, Aganitha	2019	
	MARL FOR WAREHOUSE LOGISTICS, Ericsson Research, RISE Conf'19		
	TEXT-TO-IMAGE SYNTHESIS, AI Club, IIITB	2018	
	DEEP CONVOLUTIONAL GANs, IIITB		
	A COMPREHENSIVE SURVEY OF MULTI-AGENT RL, IIITB		
	INTRODUCTION TO REINFORCEMENT LEARNING, AI Club, IIITB		
REGION-BASED CNNs, Advanced machine perception seminar, IIITB			
REMOTE SENSING: CHENNAI FLOODS 2015, IIITB			
QUALITATIVE INFERENCE WITH MULTIMODAL INTERACTIONS, IIITB			
CGNET SWARA: AN INDIAN VOICE-BASED PORTAL, Microsoft Research India	2017		
SMART POLLUTION UNDER CONTROL, Hackmania Hackathon (Winner)	2016		
RELEVANT COURSES	USC	Autonomous decision-making, Advanced analysis of algorithms	
	NYU		Deep learning, Mathematical tools for data science, Mathematical statistics, Optimization, Probability and stochastic processes
	IIITB		Foundations of big data algorithms, ML, AI, DNN, RL
	Online		CS224W Machine learning with graphs (Stanford) (LINK)
AWARDS & INVOLVEMENT	Graduate scholarship (USD 12000), NYU Tandon	2021-23	
	Mentor for 2 interns, Intelligent Robot Learning Lab, University of Alberta	2021	
	Mentor for 5 students, Student Mentoring Program, IIITB	2017-18	
	Volunteer , CGNet Swara, Microsoft Research India (LINK)	2017	
	Organizer , Tug of War and Badminton in IIITB's sports fest	2016/2018	
	Winner (1500+ teams nation-wide), HackMania hackathon, SPUC (LINK)	Oct 2016	
	Winner (15 teams; 65 students), IIITB's DS hackathon, FitWit (LINK)	Feb 2016	
All India Percentile: 99.33 , JEE Mains 2014 (1.5+ million candidates)	Apr 2014		