

Date/Session	9am-10am	10am-11 am		11:30 am - 12:30 pm	LUNCH	2pm - 3pm	3pm - 4pm	4pm - 5pm
9th July	Prof Aditya Kanade Automated Verification - A quest for bug free software.	Introduction to Machine Learning and interesting applications - Harikrishna/Saneem	B R E A K	Basics of IR/NLP - Goutham Tholpadi			Probability primer - Chandrashekar	Probability in machine learning - Mrinal K Das
10th July	Prof Vijay Natarajan - Scientific Visualization.	Linear algebra primer - Harish Guruprasad		Optimization primer - Sahely Bhadra		Prof Gopinath	Basics of Query optimization and its importance - Anshuman	Prof. Nagasuma Chandra - Bio Informatics
11th July	Prof. Chiranjib Bhattacharyya Tools for large scale data analysis	Fun with matrix factorization Govind Sharma		Algorithms in Geometry - Ninad		POSTER SESSION FOR UGC INTERNS	Group theory - Ashwin Guha	Group theory- Ashwin Guha
12th July	Dr Sudarshan Iyengar The Joy of computing	Basics of computer security and some important results - Kamala		Basics of parallel programming Preeti Malakar		(2:30 - 3:30pm) Basics of Game theory and its applications : Shwetha Jain	(3:30 - 5pm) Prof. Narahari Opportunities at CSA	
13th July	Prof Ramesh Hariharan	Basics of Support Vector Machines and Classification - Balamurugan		Basics of Mechanism Design - Swaprav Nath		Operating Systems Suparna/Kamala	Applications of Group theory- Ashwin Guha	Applications of Group theory- Ashwin Guha
14th July	Dr Janakiraman V Assembly language	Program Analysis techniques - Aravind/Raveendra		Computer Vision: explored problems and new challenges - Adway Mitra			Automatic Parallelization - Basics of Polyhedral Model - Chandan	Automatic Parallelization - Parallelism and Tiling - Roshan