



# DOSMLSNA 2026

An Indo-US Collaboration  
SPARC (PHASE II)



## DISTRIBUTED OPTIMIZATION AND SENSING FOR MACHINE LEARNING AND SENSOR NETWORK APPLICATIONS

Feb 27 -  
March 1,  
2026

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Carnegie Mellon University (CMU), USA



LINK FOR REGISTRATION

<https://erp.iitkgp.ac.in/CEP/courses.htm>



*SPARC Workshop on*

***Distributed Optimization and Sensing for  
Machine Learning and Sensor Network Applications***

**Lecture Schedule :**

February 27 <sup>th</sup> , 2026 (Friday)	February 28 <sup>th</sup> , 2026 (Saturday)	March 1 <sup>st</sup> , 2026 (Sunday)
9:30 am – 11:15 am AH : Introduction to Convex Optimization, Part I	9:30 am – 11:15 am AH : Gradient-Based Algorithms for Convex Optimization	9:30 am – 11:15 am MC : Compressed Sensing Algorithms
Tea break	Tea break	Tea Break
11:30 am – 1 pm AH : Introduction to Convex Optimization, Part II	11:30 am – 1 pm SK : Introduction to Distributed Machine Learning, Part 1	11:30 am – 1 pm KAB : Distributed Compressed Sensing
Break for lunch	Break for lunch	Break for lunch
3 pm -4:30 pm SK : Stochastic Optimization for ML	3 pm -4:30 pm MC : Basics of Compressed Sensing	3 pm -4:30 pm SK : Introduction to Distributed Machine Learning, Part 2
Tea Break	Tea Break	Tea Break
4:45 pm – 6 pm Discussion (SK, MC)	4:45 pm – 6 pm Discussion (SK, MC)	4:45 pm – 6 pm Discussion (SK, MC)

SK : Soumya Kar, AH : Ashish Hota, KAB : Ketan Atul Bapat, MC : Mrityunjy Chakraborty