

# Five Days Online Workshop on Signal Processing and Machine Learning

## Contact Detail:

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## Schedule for the workshop:

Day	Date	Time	Topic	Speaker
Day 1	10-08-2020	09:30-10:00	<b>Inauguration</b>	Dr. Kaustubh Bhattacharyya/ Mr. Mriganka Gogoi
		10:00-11:30	<b>Technical Session 1:</b> Introduction and application of Machine Learning; Difference between Artificial Intelligence, Machine Learning and Deep Learning	Dr. Kaustubh Bhattacharyya
		14:30-16:00	<b>Technical Session 2:</b> Application of Signal Processing in Machine Learning	Dr. Navajit Saikia
Day2	11-08-2020	10:00-11:30	<b>Technical Session 3:</b> Installing Anaconda and Using Python Language.	Mr. Amlan Jyoti Das
		14:30-16:00	<b>Technical Session 4:</b> Learning TensorFlow for developing Machine Learning Models	Mr. Sukanta Dey
Day3	12-08-2020	10:00-11:30	<b>Technical Session 5:</b> Supervised Machine Learning-Classification and Regression	Dr. Gypsy Nandi
		14:30-16:00	<b>Technical Session 6:</b> Unsupervised Machine Learning-Clustering and Association Analysis	Dr. Rupam Kumar Sarma
Day4	13-08-2020	10:00-11:30	<b>Technical Session 7:</b> Deep Learning	Prof. Kandarpa Kumar Sarma
		14:30-16:00	<b>Technical Session 8:</b> Application of Speech Signals Using Machine Learning	Dr. Mridusmita Sarma
Day5	14-08-2020	10:00-11:30	<b>Technical Session 9:</b> Building Machine Learning Projects: A Data Scientist's Perspective	Dr. Sishir Kalita
		14:30-16:00	<b>Technical Session 10:</b> Use of Machine Learning in IoT based system	Mr. Mriganka Gogoi
		16:15-17:15	MCQs based <b>Online exam</b> (for the Participants)	-----
		17:15-17:30	<b>Feedback</b> from Participants	
		17:30-18:00	<b>Valedictory</b>	Dr. Kaustubh Bhattacharyya/ Mr. Mriganka Gogoi