Workshop on Application of Statistics & Machine Learning in Environmental Research (1 - 3 March 2023)

Schedule

	9-9:15	9:15-10:30	10:30-11:45	12-1:15	2:30- 3:45	4-5:15 pm	5:15-6:00
Mar 1 (Wed)	*Inauguration*	*Statistical Methods 1* S Bhattacharya, ISI Kol	*Statistical Methods 2 with application in R* S Bhattacharya, ISI Kol	*Machine learning* A Pal, ISI Kol	*Concepts of Statistical distribution, Introduction to testing of hypothesis* S Bhattacharya, ISI Kol	*Introduction to Python* K Mandal, S Ghosh, ISI NE	
Mar 2 (Thu)	*Exploratory data analysis and statistical tools* S Bhattacharya, ISI Kol		*Population ecology* S Bhattacharya, ISI Kol	*Introduction to Remote Sensing* S Maitra, ISI NE	*Machine learning* A Pal, ISI Kol	*Unsupervised & Supervised learning using Python* K Mandal, S Ghosh, ISI NE	
Mar 3 (Fri)	**Wavelet analysis of air pollutant time series** A Prakash, Tezpur University		*SDGs, Environmental Statistics, Environmental Accounting in India* R Savithri, S Ghosh, & S Kumar MoSPI			*Time Series Modelling* K B Chowdhury, ISI NE	*Valedictory*