Indian Statistical Institute
North-East Centre, Tezpur, Assam
<u>Three-Day Workshop on Data Science and Artificial Intelligence using Python</u>
November 08 – 10, 2023
<u>Schedule</u>

Title	Time
Day 01 (08.11.2023)	
Registration	9:00 AM – 9:30 AM
Opening Ceremony	9:30 AM – 10:00 AM
Exploratory data analysis, inferring about a population from sample data: *MB*	10:00 AM – 11:30 AM
Break	11:30 AM – 11: 45 AM
Machine Learning in Data Science: A Sustainable Approach for Smart Application Development: *DKB*	11:45 AM – 1:15 PM
Lunch Break	1:15 PM – 2:15 PM
Introduction to Python Programming (Hands-on): *KM*	2:15 PM – 3:15 PM
Break (High Tea)	3:15 PM – 3:45 PM
Modelling data: Regression Analysis and Prediction: *MB*	3:45 PM – 5:15 PM
Day 02 (09.11.2023)	
An introduction to Artificial Intelligence and its current trends: *SK*	10:00 AM – 11:30 AM
Break	11:30 AM – 11:45 AM
Application of Machine Learning on Images: *SM*	11:45 AM – 1:00 PM
Lunch	1:00 PM – 2:00 PM
Advanced Python topics (Tools/Packages) (Hands-on): *KM*	2:00 PM – 3:30 PM
Break	3:30 PM – 3:45 PM
Advanced Python topics (Data and File Handling) (Hands-on): *KM*	3:45 PM – 5:00 PM
Day 03 (10.11.2023)	
Practical session combining the use case with python programming (Hands-on): *KM*	10:00 AM – 11:00 AM
Break	11:00 AM – 11:15 AM
Extended practical session: *KM*	11:15 AM – 12:15 PM
Valedictory and closing ceremony	12:30 PM – 1:00 PM
Lunch	1:00 PM – 2:00 PM

MB: Professor Mausumi Bose   **DKB:** Professor Dhruba K. Bhattacharyya   **KM**: Dr. Koyel Mandal

SK: Dr. Shobhanjana Kalita   **SM:** Dr. Sanjit Maitra