ONE WEEK ONLINE WORKSHOP ON STATISTICS AND MACHINE LEARNING IN PRACTICE

IN THE MEMORY OF LATE PROFESSOR DWIJESH DUTTA MAJUMDAR

Organised by

In collaboration with

With active academic support of

Department of Statistics with IQAC Brahmananda Keshab Chandra College

Department of Statistics West Bengal State University

STAT&ML Lab

July 25 to July 31, 2020

E-certificates will be provided after completion of the workshop

Eligibility: Master's degree (pursuing/ passed out) in Statistics/ Mathematics/ Economics/ Data Science/ CS.

Workshop Platform: Zoom

Registration Fee: Rs. 500

NUMBER OF SEATS: 50

Inauguration on 25.07.20 at 5 pm by Professor Basab Chaudhuri, Hon'ble Vice Chancellor, WBSU

Chief Patron
Dr. Papia Chakraborti,
Principal , BKC College.

Joint Conveners
Dr. Munmun Biswas,
Department of Statistics, BKC College.
Dr. Sanghamitra Pal,
Department of Statistics, WBSU.

Technical support
BKC College Faculties.

Contact: workshopbkccstatml@gmail.com

Professor Dwijesh Dutta Majumder
Emeritus Professor, ISI Kolkata

February 10, 1932 — June 27, 2020

Professor Dwijesh Dutta Majumdar was the founding figure of Computer Science and Engineering and Information Technology in India. He did his B.Sc in Physics Honours from Guwahati University and M.Sc (Tech) and Ph.D in Radiophysics and Electronics from Rajabazar Science College under University of Calcutta. He worked for the Computer Development and Research Division of ISI and was a direct recruit of Professor Prasanta Chandra Mohalanobis. He had a role in building the first solid state computer of our country. He was a Fellow of Indian National Science Academy and received numerous awards and recognitions in his long and illustrious career.

Professor Dutta Majumdar was the President, Governing Body of Brahmananda Keshab Chandra College since 2013 and was the guiding spirit behind the overall development of the college. He always wanted to introduce new subjects and courses and was the brain behind the introduction of postgraduate courses in Botany and Mathematics. His death has left a void not to be filled up easily. Professor Dutta Majumdar will continue to be an inspiration to all of us and in all future endeavours.

Registration Details :

Registration Link: https://forms.gle/geQHNMwGTg5UMY2X6

Rs. 500/- to be paid by any electronics means to the following account

Bank: State Bank of India ;   Branch: Industrial Estate Bon Hooghly;

IFSC Code: SBIN0002029; A/C No: 30831921592;

A/c Name: B K C College General Fund

Please check status of registration before making payment as seats are limited.

Topics to be covered

- Probability & Statistics
- Regression Models
- Machine Learning
- Dimensionality Reduction
- Decision Tree
- Ensemble learning

- Clustering and k-mean algorithms
- Fundamentals of Neural Networks
- Deep Learning
- Forecasting Models
- Market basket analysis

Practical

- R Tutorial on
  a) Basic statistics   b) Regression Models   c) Implementing PCA and FA
  d) CART   e) Random Forest   f) Forecasting models
- Python Tutorial on
  a) ANN   b) Deep Learning

Resource Persons

Dr. Debolina Ghatak, IIT Jammu

Mr. Sourav Nandi, Symphony AI

Prof. Arnab Chakraborty, ISI Kolkata

Mr. Srijit Mukherjee, ISI Kolkata

Ms. Aparajita Khan, ISI Kolkata

Mr. Bikash Santra, ISI Kolkata

Mr. Sourav Maji, Flipkart

Mr. Suman Guha, Presidency University

Mr. Atanu Ghosh, Presidency University

Dr. Munmun Biswas, BKC College

Mr. Swarup Chattopadhyay, ISI Kolkata

Mr. Tanujit Chakraborty, ISI Kolkata

Dr. Raju Maiti, Duke-NUS, Singapore