Joint Online FDP on
Data Science for All
24 Jan – 04 Feb, 2022
Electronics & ICT Academy NIT Patna

Organized by:
NIT Patna
IIT Kanpur
IIT Roorkee
NIT Warangal
MNIT Jaipur
IIITDM Jabalpur

Coordinator (NIT Patna)

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Key Course Content

• Mathematical Foundations of Data Sciences:
  Matrices, Vectors, Vector Spaces, Decomposition,
  Statistical Measures, Probability basics, pdf, variance,
  conditional probability, Markov Chains
• Data Processing: Dimensionality Reduction,
  Principal Component Analysis
• Machine Learning basics: Regression,
  Classification – Decision Trees, Naïve BLarge
  Datasets: MapReduce
• Deep Learning
• Programming in R and Python for Data Science
• Scikit, Keras and TensorFlow: Practice on ML topics

Key Features

• Live online lectures, Online lab and
  training sessions by experts.
• Materials and exercises will be shared.
• Discussion forums on research problems.
• Question-Answers and discussions.

Online Registration Link

• https://forms.gle/9Xcj8uStDo64r8Ry6
• Last date: 23-01-2022

Course Fee Details

Academic (student/faculty): 500 INR
Industry People/Others : 1000 INR
For Foreign Academics: Rs.4000

Online payment details
Bank Name: Indian Bank
Account Name: NIT Patna
Account No.: 50380476798
IFSC Code: IDIB000B810

Speakers

Tentative List:
• Prof Amey Karkare, IITK,
• Prof DVLN Somayajulu-IIITDMK,
• Prof RBV Subramnayam NIT W,
• Dr Atul Gupta, IIITDMJ,
• Dr T Ramakrishnudu,NIT W,
• Dr Nagesh Bhattu, NIT AP,
• Dr Anand Kumar, NIT K Surathkal,
• Industry speakers

For details, visit: http://www.nitp.ac.in/ict/wintercourses2022.php
Last Date for registration : 23 January, 2022