

2-DAYS SHORT-TERM TRAINING

PROGRAM(STTP)ON

“AN INTRODUCTION TO DATA SCIENCE”

2nd-3rdMARCH 2022

Dept. of Business Administration
Sambalpur University

In collaboration with

Grid Analytics India Private Limited

This two days Short-Term- Training-Program (STTP) is designed to provide participants with the concepts and experience necessary to begin solving data exploration, data preparation, Statistical data analysis, modelling, evaluation & deployment problems using TIBCO **Statistica**® (A leader in Gartner's Magic Quadrant for Data Science and Machine Learning as a software platform). The STTP will focus on providing hands-on experience with the different ways in which each of these data driven problems can be approach & solved using Data Science/analytics approach. For each topic, step-by-step examples will be presented.

Speaker of the session

Biswajit Nayak

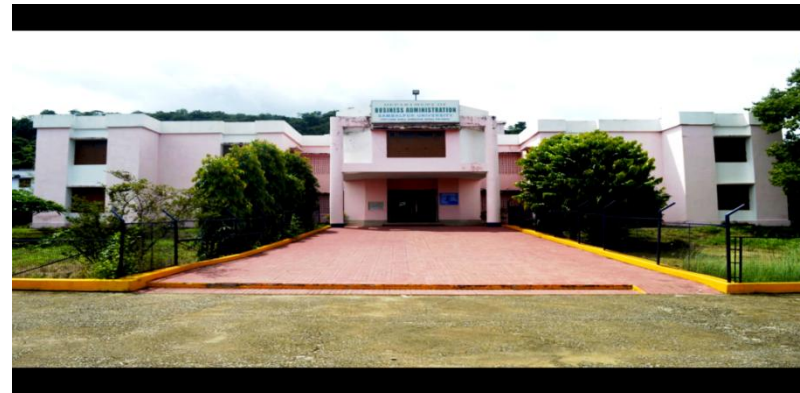


Biswajit Nayak represents Grid Analytics India Pvt. Ltd (formerly Statsoft India) as a Director- Advanced analytics & data science, Biswajit brings over 20+ years of Professional Experience spanning across ITES, advanced/Predictive analytics, data science software product marketing, Training & consulting.

Biswajit & his team successfully delivered over 200 talks in Industries,

research & academic institutions including ISI's, IIT's, NIT's, Universities & research lab such as CSIR, ICAR, DRDO & Department of space. Biswajit & his team passionate for solving mission critical business & research problem by applying advanced analytics & data science. Biswajit & his team servicing over 500 customers virtually representative from every industry such as BFSI, Manufacturing, pharmaceuticals, health care, research & educational institutions. Biswajit domain expertise certainly adds value in the area of data science, advanced analytics, AI, deep learning, Statistics, optimization & IOT. Biswajit academic background comes as Bachelors in commerce (B. Comm) degree with PGDCA & PGDM.

ABOUT THE DEPARTMENT



Established in 1989, the Department of Business Administration is one among the twenty-eight Post Graduate Departments, that has been imparting management education and conducting research on contemporary issues in management.

Presently the Department runs a Two Year fulltime MBA programme, a Three Year Executive MBA Programme, a Three Year MBA in Distance Mode of education, and a Ph.D. programme. Specialization subjects are being offered by the Department in various functional areas like Finance, Marketing, Human Resource Management, Systems, and Productions and Operations management. The Department also conducts research programmes leading to Ph.D. and D.Litt.

Event Schedule

Day	Morning		Afternoon	
	9.30 am-11.30am	12.00pm to 1.30 pm	2.30pm-4.00pm	4.00 pm to 5.00 pm
Wednesday Mar 2nd 2022	<i>Overview of Data Science, Popular Algorithm & Application</i>	<i>Data Sources & Types Descriptive Statistics. Hypothesis Testing 2D-3D Graphs & Charts</i>	<i>Predictive Model Techniques</i> <i>Regression Analysis: Simple & Multiple Regression</i> <i>Non-Linear Model- Logistic Regression</i>	<i>Non-Linear Model- Logistic Regression</i> <i>Model Evaluation Techniques</i>
Thursday Mar 3rd 2022	<i>Clustering Techniques</i> <i>Clustering Algorithm (Hierarchical, K- Means EM (Expectation Maximization) Algorithm</i>	<i>Artificial Intelligence (AI)</i> <i>Neural Network (NN) Techniques.</i>	<i>Machine Learning Naïve Bayes Classifiers & K- Nearest Neighbors)</i>	<i>Text Analytics and Association Rules and Data Science Approaches</i>

