PATRONS

CHIEF PATRON
Prof. Bidhu Bhusan Mishra
Vice-Chancellor,
Sambalpur University

PATRON
Dr. Nruparaj Sahu
Registrar,
Sambalpur University

PATRON
Prof. Sanjukta Das
Chairman, P.G. Council,
Sambalpur University

WORKSHOP DIRECTOR
Dr. Chandra Sekhar Panda
Head, Dept. of Computer
Science &Applications,
Sambalpur University

RESOURCE PERSONS

Prof. Pankaj Kumar Sa
Professor & Associate Dean AR
Dept. of Computer Sc. & Engg.
NIT, Rourkela

Prof. Suvendu Rup
Associate Professor
Detp. of IT
NIT, Raipur

Dr. Subrajeet Mohapatra
Assistant Professor,
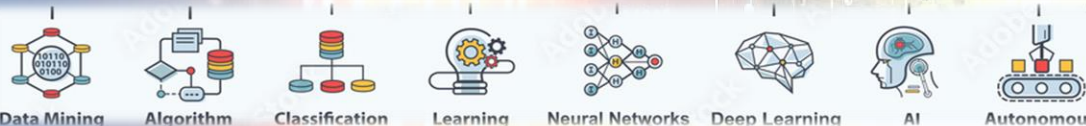Dept. of Computer Science and Engg
BIT Mesra

Dr. Tapas Kumar Mishra
Assistant Professor,
Dept. of Computer Science and Engg
NIT Rourkela

COORDINATORS

Mr. Niranjan Bara, Asst. Prof.
Dr. Amiya Kumar Sahu, Asst. Prof

STUDENT COMMITTEE

Mr. Ashish K Agrawal, PhD Scholar
Amit Meher
Khirodini Naik
Anuradha Mahanta
Upendra Sahoo
Ritesh Panda
Shantanu Ku. Mahanta
Bishnupriya Panigrahi
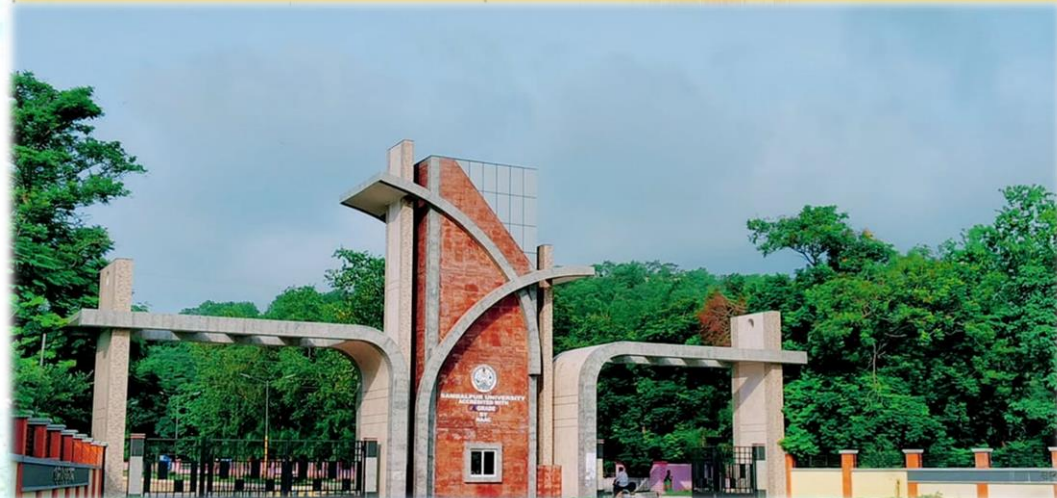Bishnupriya Naik

TWO DAYS NATIONAL WORKSHOP
ON
"MACHINE LEARNING"

20-21 February, 2024

ସମ୍ବଲପୁର ବିଶ୍ୱବିଦ୍ୟାଳୟ
Sambalpur University

Accredited With Grade-A by NAAC (Third Cycle)

Organized By:

**P.G. DEPARTMENT
OF
Computer Science & Applications
Sambalpur University,
Jyoti Vihar, Burla, Sambalpur, Odisha
PIN- 768019**

Data Mining Algorithm Classification Learning Neural Networks Deep Learning AI Autonomous

THE UNIVERSITY

Sambalpur University, established in 1967 is situated at Jyoti Vihar, Burla, the western part of Odisha and is a premier institution of the state with a very scenic and serene campus spread over 700 acres of land located 15 kms away from Sambalpur city. Since inception, it has been disseminating advance knowledge with innovative teaching and excellent research activities in different disciplines.

THE DEPARTMENT

The Department of Computer Science and Applications was established in the year 1988 and has been imparting teaching on computer science and conducting research on contemporary issues in the field of ICT. Presently, the Department runs a two-year full-time M.Sc. Computer Science Programme. The Department also conducts research Programme leading to Ph.D. The department remains committed towards its mission, which is twofold. One is to provide advanced knowledge and problem solving skills in IT for a fulfilling career. The other goal is to create and disseminate knowledge to improve IT research and its practice

ABOUT THE WORKSHOP

Come explore the exciting field of machine learning (ML) during this two-day program. This event demystifies machine learning ideas and provides practical, hands-on experience, making it ideal for beginners and intermediates. Neural networks, deep learning, supervised and unsupervised learning, and other fundamental ideas will be explained by experts. Attendees will know about how algorithms for machine learning 'learn' from data in order to forecast and decide. In these practical workshops led by seasoned experts, participants will work with real-world datasets and apply algorithms to address real-world issues. This hands-on training will be extremely helpful as it will provide an insight into the daily tasks performed by machine learning developers.

OBJECTIVES

The objective of the course is
- To understand the basic theory underlying machine learning.
- To be able to formulate machine learning problems corresponding to different applications.
- To understand a range of machine learning algorithms and will be able to apply machine learning algorithms to solve problems
- To apply the algorithms to a real-world problem, optimize the models learned and report on the expected accuracy

IMPORTANT INFORMATION

- Registration is compulsory for all.
- On request accommodation is available in the university on usual payment basis.
- Working lunch and certificate will be provided to all registered participants

WORKSHOP SCHEDULE

Day – 1 (20 Feb 2024)	
08.00 AM – 9.00 AM	Registration and Breakfast
9.30 AM – 10.30 AM	Inauguration
10.30 AM – 12.00 Noon	Theory Session -1
12.00 Noon – 1.30 PM	Theory Session -2
01.30 PM – 02.00 PM	Lunch Break
02.00 PM – 05.00 PM	Hands on Session – 1

Day– 2 (21 Feb 2024)	
08.00 AM – 09.00 AM	Breakfast
09.00 AM – 10.30 AM	Theory Session -3
10.30 AM – 01.30 PM	Hands on Session - 2
01.30 PM – 02.00 PM	Lunch Break
02.00 PM – 03.00 PM	Valedictory and Certificates Distribution

REGISTRATION LINK

Interested participants can register using the following link/QR code.
https://forms.gle/SxXHFM56XhZeHsrX8

IMPORTANT DATES

Last date of Registration: 17th February, 2024

PAYMENT DETAILS

The participants are required to pay their registration fees through the following bank account details and upload the scan copy of the payment details on the online registration form.

Account Number: 10526093824   **Account Name:** Seminar Dept of Computer Science
Bank Name: State Bank of India,   **IFSC Code:** SBIN0006672
Branch Name: Jyoti Vihar, Burla

Category of Delegates	Registration Fee in (Rupees)
Academicians/Industry Personnel	1000/-
Research Scholar	750/-
Student	500/-

ADDRESSES FOR CORRESPONDANCE

Dr. C.S. Panda	**Dr. Amiya Ku. Sahu**	**Mr. Niranjan Bara**
Director of the Workshop	Coordinator	Coordinator
Mobile: 9438280304	Mobile: 9439196281	Mobile: 8984501468
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