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SCIENCE & ENGINEERING RESEARCH BOARD (SERB)
Sponsored

TWO DAYS National Conference
on Machine Learning
in Healthcare Applications
(MLHA-2024)

Organized by:
Department of Electronics and Communication Engineering (NBA Accredited)
: Venue :
Guru Nanak Institute of Technology
Kolkata, India
Date: 18-19 April, 2024

Introduction:
Healthcare is an important sector which provides value-based caring to millions of people. Machine learning in healthcare is one of the important areas which are gradually becoming accepted in the healthcare industry. Machine Learning has changed the modern healthcare sector by incorporating automation, higher diagnostic precision for an improved quality and healthy life. Applications of machine learning are an emerging field of research which is more convenient than people may realize. The main goal of machine learning is to improve patient outcomes and produce medical insights that were earlier unreachable. It actually provides a way to validate doctors' reasoning and decisions utilizing predictive algorithms.

Objectives of the conference:
i) To learn the basics of mathematical foundation of machine learning, machine learning for biomedical signals, analysis of audio, video and images in the healthcare sector and various ways in which ML is related to our real world.
ii) To provide high-level expert briefings on the various developments of machine learning for the healthcare industry and how these developments are helping in real life.
iii) To provide a platform to engage, learn and collaborate with academicians, researchers and industry professionals to work in the field of healthcare and machine learning.

About the College:
Guru Nanak Institute of Technology was instituted with a vision to empower the aspiring professionals with the technological knowledge and professional expertise under the aegis of JIS Group Educational Initiatives in the year 2003. This technical campus offers undergraduate and postgraduate courses under West Bengal University of Technology (now MAKAUT) and B. Tech. (ECE, CSE, EE, FT) courses are NBA Accredited. Institute is approved by AICTE and accredited A+ by NAAC and located in one of the prime locations in North Kolkata near Sodepur. The Institute offers latest technology oriented courses as per industry trends and nurtures creativity, innovations and research initiatives both at faculty and student levels to enrich and enhance the teaching learning process..

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• Machine Learning(ML) Tools & Applications in Health informatics
• ML solutions for telemedicine and e-health
• Medical Imaging
• Biomedical Signal Processing
• Information Retrieval Systems and Document classification
• Healthcare process and management
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IMPORTANT DATES:
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Acceptance Notification :25/03/2024
Registration :30/03/2024
Submission of Camera ready paper :30/03/2024
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