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**Department of Computer Science and Engineering**  
**Narula Institute of Technology, Kolkata, India**  
**21 – 23 November, 2024**

The International Conference on Big Data Analytics in Bioinformatics (DABCon-2024) will be held during November 21 – 23 at Narula Institute of Technology, Kolkata, India in technical co-sponsorship with IEEE Kolkata Section. The purpose of the conference is to gather pioneering academicians and industry experts in the fields of Bioinformatics, Computational Biology, Artificial Intelligence, Machine Learning, Deep Learning and any other emerging technologies. The conference aims to bring together leading academicians, scientists, research scholars, professionals, decision-makers and industrial practitioners to share and present their original research contributions.

**Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE**

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BIOINFORMATICS & BIOENGINEERING	BIG DATA & DATA ANALYTICS	COMPUTATIONAL INTELLIGENCE	COMMUNICATION NETWORK
<ul style="list-style-type: none"> <li>Bio-molecular &amp; Phylogeny</li> <li>Classification of Genes</li> <li>Alignment and Sequence Search</li> <li>Protein Structure Prediction</li> <li>Functional Genomics and Proteomics</li> <li>Gene Expression Analysis</li> <li>Biological Systems</li> <li>Bio-Imaging</li> <li>Signalling and Computation</li> <li>Medical Robotics</li> <li>Nano-Mechanisms for Molecular Systems</li> <li>IoT on Bioinformatics</li> <li>Biomedical Image Processing &amp; Analysis</li> <li>Microarray Technologies</li> <li>Biomedical Data Engineering</li> <li>Biomaterials</li> </ul>	<ul style="list-style-type: none"> <li>Data Science Techniques and Applications</li> <li>Data Warehousing and Data Mining</li> <li>Disaster Management</li> <li>Social Network Analysis</li> <li>Text, Audio and Video data Analysis</li> <li>Motion Planning</li> <li>Decision-making</li> <li>Data mining in Dynamic Environment</li> <li>Hybrid Computing</li> <li>Big Data Analytics</li> <li>Digital Marketing and E-commerce</li> <li>Architectures for generic sentiment analysis systems</li> <li>Simulation applications</li> <li>Deep data analytics</li> </ul>	<ul style="list-style-type: none"> <li>Quantum inspired Computational Intelligence</li> <li>Artificial Intelligence</li> <li>Hybrid Computational Intelligence</li> <li>Fuzzy sets and vague sets</li> <li>Swarm Intelligence</li> <li>Evolutionary algorithms</li> <li>Deep Learning</li> <li>Computer Vision</li> <li>Rough set theoretic approaches</li> <li>Machine Learning</li> <li>Soft Computing</li> <li>Parallel and Grid Computing</li> <li>High Performance Computing</li> <li>Decision Support System</li> <li>Distributed Computing</li> <li>Cloud Computing</li> </ul>	<ul style="list-style-type: none"> <li>Mobile Communications Security</li> <li>Information Security Standards</li> <li>Ethical Hacking</li> <li>Wireless Network Security</li> <li>Information Security Cryptology</li> <li>Cyber Security</li> <li>Mobile Computing</li> <li>Remote Sensing</li> <li>GIS based Decision Support System</li> </ul>



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**Important Dates**

Paper Submission Commence: **02.04.2024** Full length paper submission deadline: **30.06.2024**  
 Notification of acceptance: **31.08.2024** Camera Ready Manuscript: **01.10.2024**  
 Early Bird Registration: **01.10.2024** Regular Registration: **22.10.2024**  
 Conference Dates: **21 - 23 November, 2024**

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