

AICTE SPONSORED NATIONAL CONFERENCE

on Emerging Trends, Challenges and Opportunities In Data Mining and Information Technology

NTCOMIS - 2020

17-18 January, 2020



CALL FOR PAPERS

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IMPORTANT DATES

Last date of Submission of Abstract
15th November 2019

Notification of Acceptance
30th November 2019

Last date of submission of paper
15th December 2019

Contact Us

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Bharati Vidyapeeth (Deemed to be University) Pune, Institute of Management and Entrepreneurship Development, Pune (MCA Programme) is organizing AICTE Sponsored National Conference on Emerging Trends, Challenges and Opportunities in Data Mining and Information Security (NTCOMIS-2019). NTCOMIS aims to exchange and share experiences and research results on all aspects of Data Mining and Information Security. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Data Mining and Information Security. The conference also invites young researchers to present their ideas, concepts, and models through presentation.

The scope of the conference includes Themes in the following key areas but not limited to:

Included Themes in Data Mining

Methods and Algorithms

Anomaly & Outlier Detection
Big Data & Large-Scale Systems
Classification & Semi-Supervised Learning
Clustering & Unsupervised Learning
Data Cleaning & Integration
Deep Learning & Representation Learning
Frequent Pattern Mining
Feature Extraction, Selection and
Dimensionality Reduction
Mining Graphs & Complex Data
Mining on Emerging
Architectures & Data Clouds
Mining Semi Structured Data
Mining Spatial & Temporal Data
Mining Text, Web & Social Media
Optimization Methods
Probabilistic & Statistical Methods
Scalable & High-Performance Mining
Other Novel Methods

Applications

Automation & Process Control
Climate / Ecological / Environmental Science
Customer Relationship Management
Data Science
Drug Discovery
Finance
Healthcare Management
Intrusion & Fraud detection
Logistics Management
Social Network Analysis
Supply Chain Management
Other Emerging Applications

Human Factors and Social Issues

Ethics of Data Mining
Intellectual Ownership
Interestingness & Relevance
Privacy and Fairness Models
Privacy Preserving Data Mining
Transparency and Algorithmic Bias
User Interfaces and Visual Analytics
Other Human and Social Issues

Included Themes in Information Security

Security protocols
Security in distributed systems
Cloud Computing Security
Secured Data Mining
Mobile & IoT Security
Wireless network privacy and anonymity
Secure localization and location privacy
Cellular network fraud and security
Jamming attacks and defenses
Peer to peer security
Security verification & validation
Digital forensics and hacking techniques
Computer and network forensics
Cyber deterrence strategies
Game-theoretic security technologies
Information-theoretic security
Key management
Public key infrastructures
Malware detection and mitigation

Security metrics and models
Security in machine learning
Traffic analysis
Usable security and privacy
cross-layer security technologies
Security and privacy for big data
Security and privacy in smart cities
Information Security & Privacy for Smart Devices
Ethical & legal implications of security & privacy
Intrusion detection, prevention, and response
Security and privacy in cyber-physical systems
Security and privacy in emerging wireless technologies
Security for future Internet architectures and designs
Security for software-defined and data center networks
Web, e-commerce, m-commerce, and e-mail security
Social, economic, and policy issues of trust, security, and privacy
Security and privacy in WiFi, ad hoc, mesh, sensor, vehicular,
body-area, disruption/delay tolerant, and social networks.

Guidelines Online Paper Submission

Prospective authors are requested to follow the instructions below for submitting papers to NTCOMIS2020.

Abstract Submission

- 1) You can send your abstract at ntcomis2020@gmail.com
The abstract(s) (approximately 300 words) should reflect the scope of the full version of the paper /case along with few appropriate keywords. All abstract(s), Paper(s), Case(s) should be submitted using English language, Font type Times New Roman, Font size 12 (IEEE format) with 1.5 line spacing.

Paper Submission

- 1) Your paper should be submitted through Easy-Chair with your login ID.
- 2) If you do not have a login ID, please, visit following link to create new account
<https://easychair.org/account/signin.cgi>.
- 3) When you upload your paper, please make sure that your browser has cookies enabled.
Upload your paper on <https://easychair.org/cfp/NTCOMIS2020>



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A+ Accreditation (Third Cycle) by NAAC in 2017

