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Department of Computer Science and Engineering

2024 International Conference on

Health Informatics, Intelligent Systems and Networking Technologies - HINT '24

March 14 & 15, 2024   *All accepted, registered and presented papers will be published in SCOPUS indexed Springer Lecture Notes in Networks and Systems (LNNS) Proceedings (Approved)*

Call For Papers   **Hybrid Mode**

3 GOOD HEALTH AND WELL-BEING   4 QUALITY EDUCATION   9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

The Department of Computer Science and Engineering, Manipal Institute of Technology is organizing an "**International Conference on Health Informatics, Intelligent Systems, and Networking Technologies - HINT'24**" focuses on covering the latest developments in technology, including applications in fields of computer science, health informatics, artificial intelligence systems and advances in networking and communication technologies. The conference is aimed at providing a common platform for academicians, industrialists, research scholars, and students to exchange their expertise and knowledge, broaden their technical knowledge, and deepen their understanding of cutting-edge research.

HINT'24 targets active researchers and experts from various disciplines to have the opportunity to introduce their new findings and collaborate with interdisciplinary research fields. The conference will provide a forum for in-depth technical discussions and the exchange of research ideas on a wide range of topics, offering insights into potential applications in industry and society. Additionally, young researchers will be exposed to recent advances in the fields of science and engineering, including areas with significant mathematical, scientific, and computational prominence. Overall, the conference aims to promote collaboration and knowledge-sharing among experts and researchers to advance the field of multi-disciplinary sciences and engineering.

Tracks*
Visit conference website for detailed topics covered

- Track-1: **Health Informatics**
- Track-2: **Intelligent Systems**
- Track-3: **Networking Technologies**
- Track-4: **Big data and Data Mining**

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Important Dates

Submission Deadline	**January 28, 2024 (firm deadline)**
Acceptance notification	**February 10, 2024**
Registration	**February 25, 2024**
Camera Ready Submission	**February 25, 2024**
Conference Date	**March 14 & 15, 2024**

Registration Fee

Registration Type	Indian Author	Foreign Author
Student Author (UG/PG/Ph.D.)	INR 5000	USD 100
Regular Author (Academia)	INR 6000	USD 150
Regular Author (Industry)	INR 7000	USD 200
Regular Attendee	INR 2000	USD 75
Student Attendee	INR 1000	USD 50

Contact   hint@manipal.edu

Conveners

Dr. Andrew J
Assistant Professor - Senior Scale

Dr. Radhakrishna Bhat
Assistant Professor

Department of Computer Science and Engineering

Paper Submission: **https://cmt3.research.microsoft.com/HINT2024/**

Conference Website: **https://conference.manipal.edu/HINT24/**

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Hybrid Mode

Track-1: Health Informatics

- *Healthcare software architecture, framework, design, and engineering*
- *Computer-aided diagnosis*
- *Electronic health records*
- *Medical data mining*
- *Predictive modeling*
- *Medical information retrieval*
- *Health information systems*
- *Smart health and connected health*
- *Security and privacy in healthcare*
- *Natural Language Processing for Healthcare*
- *Medical Image Analysis*
- *Federated learning for healthcare*
- *Healthcare decision analytics and support systems*
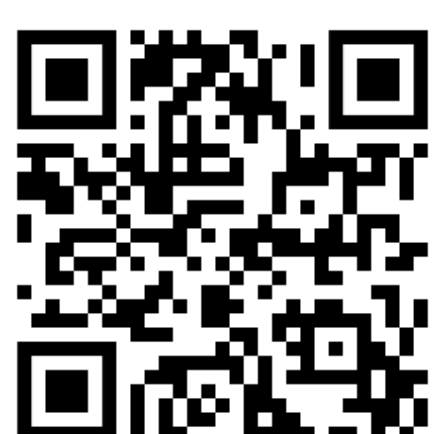
Track-2: Intelligent Systems

- *Artificial Intelligence*
- *Pattern Recognition*
- *Artificial Neural Networks*
- *Reinforcement Learning*
- *Supervised, Semi-Supervised and Unsupervised Learning*
- *Computer Vision*
- *AI Powered Robotic Systems*
- *Natural Language Processing*
- *AI Powered Internet of Things*
- *Image and Video Processing and Analysis*
- *Data Mining*
- *Bayesian Learning*
- *Intelligent Agents and Multi-Agent Systems*

Track-3: Networking Technologies

- *Blockchain and Distributed Ledger*
- *Underwater Networks and Systems*
- *Internet Services and Applications*
- *Mobile Computing*
- *Vehicle Communications*
- *Internet of Things*
- *Wireless Sensor Networks (WSNs)*
- *Computer network components*
- *Network architecture and design*
- *Internet and Web Technology*
- *Sensor networks*
- *Adhoc networks*
- *Mobile and wireless networks*
- *Next generation networks*
- *Opportunistic networks*

Track-4: Big data and Data Mining

- *Big data industry standards*
- *New technologies being developed specifically for big data*
- *Data acquisition, cleaning, distribution, and best practices*
- *Data protection, privacy, and policy*
- *Business interests from research to product*
- *The changing role of business intelligence*
- *Visualization and design principles of big data infrastructures*
- *Physical interfaces and robotics*
- *Social networking advantages*
- *Security Assessment*

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