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11th International Conference on Reliability, Infocom Technologies and
Optimization (ICRITO'2024)

(Trends and Future Directions)

<https://www.amity.edu/aiit/icrito2024/>

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Call for Papers for Special Session on

“Artificial Intelligence in Healthcare Informatics: Tools, Application and Benefits”

Session Chairs

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Theme of the Special Session:

The goal of this special session is to bring together scientists, engineers, and researchers who are interested in research and applications of Artificial Intelligence (AI) in the field of Healthcare Informatics. The latest research in AI aims to provide practical solutions and methodologies to create automated systems of patient diagnosis and treatment. The prognosis of diseases and patients by automated systems are more articulate as it is not subjective to the human healthcare providers. The implementation of AI and its related techniques in healthcare industries cover many aspects like analysis of large and complex data, storage of these data, interpretation of images, classification on basis of image or data attributes and many more. In this special session the focus of our group is especially on the proposed theme of AI in Healthcare Informatics: Tools, Application and Benefits. Topics of Interest: We invite original (un-published) research contributions based on the above-mentioned theme including following topics but not limited to:

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- Role of AI in Health Informatics
- Image Processing techniques in Medical Images
- Pattern recognition
- Biomedical Engineering
- Optimization Technique
- Big data management and analysis.
- AI techniques and challenges
- Big data analytics for AI trends
- Knowledge discovery
- Cognitive computing
- Big Data Security Techniques
- IoT Applications and Services
- AI and Big data applications for Smart Cities
- Cyber security, ethical/open AI, Trusted AI
- Connectivity, Security, and Privacy for IoT

Important Dates

Last date for receiving full paper	15/02/2024
Email notification of paper acceptance	20/02/2024
Last date for receiving camera-ready paper	25/02/2024
Last date of registration (Early Bird)	20/02/2024
Last date of registration (With Late Fee)	10/03/2024

Program Committee

- Prof. (Dr.) Afaq Ahmad, Sultan Qaboos University, Oman
- Dr. Mounir Dhibi, MEC, Oman
- Dr. Vishal Dattana, MEC, Oman
- Dr. Syed Zakir Ali, MEC, Oman
- Dr. Manju Jose, MEC, Oman
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- Dr. S. Nair Smitha, MEC, Oman
- Dr. Vinod Kumar Shukla, Amity University Dubai, UAE
- Dr. Parul Agrawal, Jamia Hamdard University, New Delhi, India
- Dr. Omid Mahdi Ebadati E., Head, Department of Operation Management & Information Technology, Kharazmi University, Tehran, Iran
- Mr. Ishvinder Singh, India Lead, Netacad and Skills Social Innovation Group, Cisco, USA

Paper Submission Process

- Submit your research paper (in pdf format) at <https://www.amity.edu/aiit/icrito2024/> in paper submission link with a copy of the paper to ssengupta3@amity.edu with **Paper Id** mentioned in the subject line.