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Special Session

on

"Use of Artificial Intelligence and Internet of Things in the Security of Healthcare and Biomedical Informatics"

in

2nd International Conference

on

Intelligent Engineering and Management (ICIEM-2021)

28th – 30th April 2021

at

Amity University, 24 Bedford Square, Fitzrovia, London WC 1B 3HN, UK

Technically Co-Sponsored by

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Session Chairs:

- Dr. Shabir Ahmad Parah, University of Kashmir, Hazratbal, Srinagar, India
- Mr. Mamoon Rashid, Lovely Professional University, Jalandhar, India
- Dr. Shoeib Amin Banday, Islamic University of Science & Technology, India
- Dr. Mohammad Zuhair, Nirma University, Ahmedabad, India

Important Weblinks:

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Important Dates:

Paper Submission Deadline: 31st March 2021
Notification of Acceptance: 5th April 2021
Camera Ready Paper Submission Deadline: 15th April 2021
Last Date of Registration: 10th April 2021
Conference Date: 28th – 30th April 2021

Amity University is a research driven University which offers higher education in diverse field from Engineering, Management, Life Sciences, Applied Science and the like. Amity University provides quality platform for research in field of Academics. The campus is organizing 2nd International Conference on Intelligent Engineering and Management on 28th – 30th April 2021.

This Conference includes many topics which were deeply deliberated, and which brewed new ideas. Thus, giving rise to new avenues for researcher. We aim to take those concepts further to derive fresh hypothesis and arrive at the logical deductions. The participation of scientist from across the globe was very encouraging in our last conferences organized in India. This time we are anticipating even larger congregation from more diverse domains as we are reaching out too many eminent philosophers, thinkers, and academicians from scientist fraternity.

AIM & SCOPE:

The fields of Healthcare informatics and Biomedical engineering play an important role in the effectiveness of present-day Healthcare Systems. Advancement of Artificial Intelligence, Big Data Analytics, and Internet of Things technologies contribute greatly in various Healthcare applications. Artificial Intelligence Techniques have replaced human-based systems and provided systems where prediction and diagnosis in Healthcare diseases are quite accurate. The development of reliable and accurate Healthcare models is possible with the help of machine learning and deep learning technologies. Artificial Intelligence has the power to solve many complex problems in the Biomedical Industry and is a technology that is supposed to decide the future of Healthcare systems. Also, as cybersecurity threats to healthcare and biomedical applications grow in number and severity, artificial intelligence is helping providers detect vulnerabilities and respond to data breaches faster and with greater precision.

Sub-themes *(but not limited to):*

- Artificial Intelligence in Healthcare systems.
- Use of Machine Learning in Security of Biomedical Images.
- Use of Deep Learning in Security of Biomedical Images.
- Use of Artificial intelligence in Drug discovery.
- AI-based Prediction of Diseases in Medical Images.
- Medical Image Classification and Analytics
- Artificial intelligence in Biomedical Education
- Use of Artificial Intelligence in Tele-diagnosis.
- Use of Internet of Things and AI in Securing Biomedical Systems.
- Privacy and Security Issues in Biomedical AI Systems.
- Healthcare and Medical Images Security
- Security Challenges in Biomedical AI Systems.
- Future directions for use of AI and ML in Securing healthcare applications.

Note: It is a mandatory requirement that all papers submitted for this session must be e-mailed to mamoon873@gmail.com along with EasyChair submission.

In case of any query, please write to us on:
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