Title of the Special Session

Recent Innovations in Artificial Intelligence in Biomedical and healthcare Sector

Details of Session Chair and Co-Chair

1. Prof. (Dr.) Subhendu Kumar Pani,
   Professor & Research coordinator, OEC, Bhubaneswar, India.

2. Dr. Nilayam Kumar Kamila,
   Master Software Engineer, Capital One, USA.

Aims & Scope:
A Special Session on Innovations in Recent Innovations in Artificial Intelligence in Biomedical and healthcare sector. Technically co-supported by Springer expects to give a stage to the trading of thoughts among analysts, experts, academicians, corporate and industry experts along with business visionaries in different fields to present the state of art innovations in advanced intelligent Systems and computing Technologies. Now-a-days a typical task for a computer program may engage supporting many people in imperative decisions backed by a huge database across a global network. As the tasks that computers usually perform have become more intricate and more closely intertwined with the daily decisions of people, the performance of the computer programs gradually more characteristics that people connect with intelligence. biomedical and Health Informatics is an emerging field of research at the intersection of information science, computer science, and health care. Pandemics and Epidemics are new era that brings tremendous opportunities and challenges due to easily available plenty of medical data for further analysis. When precisely a program earns the tag of ‘artificial intelligence’ is unclear. It points out the new patterns in ebb and flow look into exercises and rising advances. The use of various techniques of Intelligent IOT systems for Big Data Analytics are nowadays successfully implemented in many domestic, commercial, and industrial applications due to the low-cost and very high performance of various tools. Rapid advances in rising and executing such wearable sensors, actuators, Internet of Things (IoT) and intelligent algorithms have established the growing significance, potential utility, and the unique advantages that can be bought to intelligent healthcare and finance, telecom industry, food industry. Research Papers/Articles are energized on all subjects given below topics of interests, to empower interdisciplinary conversations of the most recent improvements in the field of Biomedical, Electrical, Electronics and Computer Engineering. The Conference proceedings will be submitted to the Springer Series.
Subtopics:

- Artificial intelligence in COVID-19 research.
- Artificial intelligence-Based Early Detection of neurological Disease Using Non-Invasive Method Based on Speech Analysis
- Feature Classification and Extraction of Neurological Medical Data Using Machine Learning Techniques
- Patient behaviour monitoring and modelling for the COVID-19 pandemic
- Health risk identification using Big data
- Secured COVID-19 pandemic data handling using blockchain technologies
- Data warehousing for the COVID-19 pandemic.
- Internet of Health Things (IoHT) for COVID-19
- Artificial intelligence and Robotics
- Machine learning and artificial intelligence in intelligent IoT systems
- Fuzzy Logic in Healthcare
- Cognitive therapy for brain diseases using artificial intelligence models
- Medical Image Mining Using data Mining Techniques
- Mining Using Social Networks
- Swarm Intelligence Approach
- Advanced security technology for IoT computing
- Computational Intelligence in IoT Healthcare

Technical Programme Committee(s):
1. Dr. Jaiprakash Narain Dwivedi, Chandigarh University, India
2. Dr. Narayan Patra, SOA University, Odisha.
3. Dr. Prakash Ch. Jena, HIT, BPUT, India

Submission Procedure:

Researchers and practitioners are invited to submit papers through the below given easy chair link:

https://easychair.org/conferences/?conf=iccct21

Select the special session track from the listed track. All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.

Publications:


All inquiries should be directed to the attention of Session Chair/Co-Chair:

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