



International Conference on
“Data Engineering and Communication Technology (ICDECT2020)”
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<https://kitsw.ac.in/icdect2020/>

Department of Electronics and Communication Engineering

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SPECIAL SESSIONS

Artificial Intelligent and IoT based Applications in Healthcare and Cyber Security

Organizers:

Dr Raj Kumar Patra, Professor, CSE Department, CMR Technical Campus Hyderabad

DR G R Sinha, Professor, MIIT Myanmar

Dr Rohit Raja, Associate Professor, IT Department, GGV Central University, Bilaspur Central University India, Email: - drrohitraja1982@gmail.com

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The healthcare industry represents a significant window of opportunity for machine understanding how to prove its value. The sheer volume of available medical knowledge has long since outstripped even the essential intelligent clinician, requiring supercomputers in order to keep up utilizing the latest best practices and big data breakthroughs in genomics, predictive analytics, population health management, and clinical decision support.

Machine learning, natural language processing (NLP), and artificial intelligence are quickly becoming foundational aspects of the quest to keep ahead of the big data while sticking with the most important law for robots and human healthcare practitioners alike: first, do no harm.

- Machine learning methods applied to health care and biomedical datasets
- Machine learning methods applied to genetics and epigenomics datasets
- Data mining applications in the health care and biological domain
- Fusion Scenarios and comparison of various biometrics
- CAD system for Biomedical Imaging
- Application of Deep Learning in Health Care
- Multi model Biometric Standards and Protocols
- Image/Video Filtering, Restoration, Enhancement and Super-resolution

- Machine Learning in Image/Video Analysis
- Biomedical Image Analysis
- Bioinformatic Models, Methods and Algorithm
- Biological Sequence Analysis
- Biometric Systems
- Computational Drug Design
- Information Security in IoT based systems
- Mobile Security
- IoT in Health care

Submission Guidelines

Submit your paper in IEEE format. Submitted work should be original and application oriented. Acceptance will be based on the reviewer's comments that will address the strong and weak aspects with suggestions to improve the work.