

Session Title: Recent Trends in machine learning and internet of things for smart agriculture, health care and automation.

objectives: The internet of things (IOT) and machine learning (ML) are two rapidly growing technologies with stimulating healthcare applications. It's already helping with some of the most difficult issues in the profession, from improving the standardisation and personalization of care to making sense of enormous amounts of patient data. What is machine learning exactly, and how can it advance healthcare in the future? We look at its potential and the ways it has already transformed the market. Therefore, it requires additional information on this subject right now.

Food is considered as a fundamental human need that may be met through farming. Not only does agriculture meet humankind's basic requirements, but it is also often considered a source of employment. In emerging nations like India, agriculture is seen as the foundation of the economy and a source of jobs. In India, agriculture contributes up to 15.4% of the country's GDP. Pre-harvesting, harvesting, and post-harvesting are the three main phases of agriculture activities. Gains in agriculture are being improved by developments in IOT and ML. By offering detailed recommendations and insights about their crops, ML and IOT are the latest technologies that are assisting farmers in minimising their losses.

Areas of Coverage (sub-themes)

- Artificial intelligence, Machine Learning, Virtual Reality, Augmented reality
- Wearable technology
- Internet of things
- Smart Farming
- Smart City
- Smart health care system
- Deep Learning Applications, Robotics including Autonomous
- Video Surveillance, Image Retrieval and Visual Search, Image and Video Communications, Bio-medical and Medical imaging
- Human Computer Interaction and Graphics
- Remote Sensing
- Natural Language Processing
- Fuzzy Systems, Block Chain

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