

8th International Conference on Micro-Electronics,
Electromagnetics and Telecommunications

ICMEET - 2023

OCTOBER 6 - 7, 2023

Organized by

Department of Electronics and Communication Engineering,
National Institute of Technology Mizoram, India

CALL FOR PAPERS: SPECIAL SESSION

Special Session on “The Paradigm Shift with Artificial Intelligence in Nano medicine, Pervasive Health Care systems and smart digital health care solutions”

Session Chair(s):

Dr. R Lalitha

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Associate Editor: Franklin Open-Elsevier
Academic Editor: Journal of Mathematics
Academic Editor: Advanced Fuzzy systems.

Brief Profile of the Session Chair(s) - Attached in mail

Theme of Session:

The main aim of this special session is to explore the areas of applications of artificial intelligence in Nano medicine and pervasive health care systems to create intelligent systems to solve problems in health care domain. Artificial Intelligence can effectively be applied in health-care devices, applications, simulation tools, process automation systems to exhibit intelligent behavior and to provide solutions to complicated problems in health related issues of human being, animals, birds, trees or any living being. This session is focused on exploring those areas and identify the possible smart and intelligent solutions through Artificial Intelligence.

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Topics of Interest:

We invite original (un-published) research contributions based on the above-mentioned theme including following topics **but not limited to**:

- AI based Health Care Systems
- Health Monitoring through Artificial Intelligence
- Nano medicine
- Expert Systems
- Automation of hospital management Process
- Automating medical care system
- Smart Supportive Systems to old age people through Artificial Intelligence
- Intelligent and Supportive Assistants to Differently Abled people
- Prediction and diagnosis of diseases through machine learning techniques
- Measures to control pandemic through AI techniques
- Smart Nano devices to control the spread of pandemic.
- Applying AI techniques in processing health care information.
- Predicting the lifetime of health care devices and its functionalities.
- AI based health care system for pregnant ladies
- AI based child health care systems
- Applying Deep Learning techniques in medical images for prediction.
- Applying Machine Learning techniques through Information system in various domains
- AI based health care systems for pet animals and birds
- AI based health monitoring and health care systems for plants
- Smart and intelligent health care devices
- AI based assistive devices and smart systems for physically challenged people.
- Applying Fuzzy logic in health monitoring system.
- Voice based assistants in health care devices.
- Smart Medicine Box

Paper Submission Process:

Please submit your paper (in word/pdf format) at
email: nitritconference@gmail.com



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with “**The Paradigm Shift with Artificial Intelligence in Nano medicine, Pervasive Health Care systems and smart digital health care solutions**”

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