



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

CATEGORY - 1 UNIVERSITY BY UGC

In Collaboration with

OAKLAND UNIVERSITY™

First Announcement

International Conference on Next -Gen AI in Healthcare and Allied Sciences

Original papers are invited from authors on the following areas but not limited to

- AI-Driven Orthodontics and Prosthodontics
- AI-Driven Patient Care and Clinical Decision Support
- AI-Driven Rehabilitation: Transforming Physiotherapy through Intelligent Technologies
- AI-Enhanced Immersive Technologies for Physiotherapy and Rehabilitation
- AI for Mental Health and Behavioral Medicine
- AI for Prevention: Predictive Analytics and Digital Tools for Risk Reduction
- AI in Dental Education and Research
- AI in Dental Imaging and Diagnostics
- AI in Medical Imaging and Diagnostics
- AI in Oral and Maxillofacial Surgery
- AI in Precision Health: Early Detection, Diagnosis, and Personalized Care for NCDs
- AI in Surgery and Medical Robotics
- Assistive Devices
- BioMEMS and Nano-Electro-Mechanical Systems (NEMS)
- Biomaterials
- Biomechanics

- Computational Intelligence and Machine Learning in Drug Discovery and Development
- Computer Vision in Medical Imaging
- Digital Dentistry & CAD/CAM Innovations
- Digital Health & Remote Monitoring
- Digital Health Technologies and Future Innovations
- Machine Learning & Deep Learning in Medicine
- Natural Language Processing (NLP)
- Natural Language Processing in Clinical Data
- NLP and Conversational Intelligence in Healthcare Systems
- Patient Engagement and Personalized Dental Care
- Patient Participation: Empowering Individuals and Communities through AI-Driven Engagement
- Policy and Ethics: Responsible Use of AI in Health Systems and Data Governance
- Predictive Analytics in Preventive Dentistry
- Precision Medicine and AI for Biological Systems
- Research and Innovation: Emerging AI Applications and Interdisciplinary Collaboration
- Responsible and Explainable Generative AI
- Robotics in Healthcare

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Date : 15,16,17 July 2026



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