

SERB Sponsored



Three Days National Level Seminar

on

**“Transforming Digital Healthcare with
Adaptive Artificial Intelligence”**

15.03.2023 to 17.03.2023

Registration Form



<https://forms.gle/7FbEbJehaBrZEKCG8>

Registration Start: 01.03.2023

Registration Close: 11.03.2023

Participants Confirmation: 13.03.2023

For Further Enquires Contact:

The Organizing Secretary

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**HINDUSTHAN INSTITUTE
OF TECHNOLOGY**

(An Autonomous Institution)

(Approved by AICTE, New Delhi & Affiliated to Anna
University, Chennai,

Accredited with “A” Grade by NAAC)

COIMBATORE-641032



**Science and Engineering Research Board
(SERB) Sponsored**

Three Days National Level Seminar

on

**“Transforming Digital Healthcare with
Adaptive Artificial Intelligence”**

15.03.2023 to 17.03.2023

Organized by

**Department of Computer Science &
Engineering**

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ABOUT THE COLLEGE

Hindusthan Institute of Technology is one of the leading Engineering College imparting quality Technical Education to the aspirants from Tamilnadu and other neighboring states. It is run by Hindusthan Educational and Charitable Trust under the leadership of Shri.T.S.R. Khannaiyann and Smt. T.R.K Sarasuwathi.

The Institution was established in the year 2007 and affiliated to AnnaUniversity Chennai. The Institution is well known for its high educational standards with excellent infrastructures, spread over 200 acres and is located on the Coimbatore - Pollachi National Highway. The Institution currently offers 7 Under Graduate, 3 Post Graduate and 3 Ph.D. programs. It is Accredited with NAAC 'A' Grade and four Departments including Computer Science and Engineering, Electronics and Communication Engineering, Aeronautical Engineering and Mechanical Engineering Accredited with NBA, New Delhi. The Institution has achieved IIC ranking 5 star and ARIIA Band Excellent.

ABOUT THE DEPARTMENT

The department of Computer Science and Engineering was started in theyear 2007 which offers B.E (CSE), M.E(CSE) and Ph.D(CSE). The Department has the permanent affiliation by Anna University, Chennai for the fulfillment of faculty and laboratory resources.

It is accredited by NBA, New Delhi. The department is a recognized center for Academic research, by Centre of Research, Anna University Chennai. The department has set up two centers of excellence in Cloud Management offered by VMware, Data science & Big data Analytics offered by EMC2respectively. The Department has a Strong industry Academic partners like Oracle, EMC2 and VMware. The Department has IBM certified curriculum. As the nature of Computer Science and Engineering has a never-endingcycle of innovation rooted in it, our focus is on increasing the standard of the teaching and learning to gain international importance in research and academics.

OBJECTIVE

The objective of this seminar is to deliberate and expand AI-based approaches that can help machine learning and robotic process automation, will essentially transformation how almost every person functioning in hospitals and health structures will do their professions in the forthcoming. Exhausting AI-built machineries, computerized image interpretation in radiology and pathology will top to more rapidly diagnosis, despite the fact that speech recognition consumes the probable to free up supplementary staff interval to deliver care. AI spirit transforms patient spawned data obsessed by clinically useful information, and authorizes patients to bring about their own well-being, or seek suitable health supports (Process personal data, Assist patients and families, Improve patient participation, Assist physicians, Connect patients with information outside of their care setting).

SCOPE OF THE SEMINAR

This seminar is on “**Transforming Digital Healthcare with Adaptive Artificial Intelligence**” is being organized by Hindusthan Institute of Technology, Coimbatore from **15.03.2023 to 17.03.2023**. This seminar is supporting by Science and Engineering Research Board (SERB).

This seminar will enlighten the Academicians and Research Scholars to critically observe the role ofextended reality to enhance the behavioral health care through its insights, exploration of immersive technologies in near future. Thedeliberation of the seminar will cover thefollowing topics,

- Artificial Intelligence in Healthcare
- Machine Learning and Deep Learning Insights
- Natural Language Processing (NLP)
- Regression Algorithms
- The Next Generation of Radiology Tools & Identify Infection Patterns
- Bringing Intelligence to Medical Devices and Machines
- Risk Scoring and Stratification Tools
- Monitoring Health through Wearable's and Personal Devices
- Powerful Diagnostic Tools