VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Value-Added Course on

AI & IoT for Digital Healthcare

12 FEB - 29 MAR, 2025

Learning Outcomes

On completion of the course, participants will be able to

1. Have a thorough understanding of the principles, importance, and technologies driving digital healthcare.
2. Demonstrate proficiency in applying machine learning and deep learning algorithms to healthcare datasets.
3. Possess a solid understanding of IoT architecture, protocols, devices, and security considerations in healthcare settings.
4. Apply AI techniques to various healthcare applications such as medical imaging, diagnostics, and patient monitoring.
5. Design and implement prototype AI-IoT solutions to address real-world healthcare challenges, demonstrating their understanding of course concepts and their application in practical scenarios.

Course Contents

1. Introduction to Digital Health Care
2. Fundamentals of Artificial Intelligence
3. Introduction to Internet of Things
4. AI Applications in Healthcare
5. IoT Applications in Healthcare
6. Integration of AI & IoT in Digital Healthcare

Industry Partner

PHILIPS Valeo Aries Biomed

Registration Link

https://events.vit.ac.in/

Contact us

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Target Audience

UG/PG Students, Research Scholars

Course Plan - Hybrid Mode

Dates	Time	Mode
12.02.2025 - 14.02.2025 (Tue - Thu) 25.02.2025 - 27.02.2025 (Tue - Thu) 05.03.2025 - 07.03.2025 (Wed - Fri)	6 pm – 8 pm	Online
02.03.2025 (Sun) 09.03.2025 (Sun)	9 am – 4 pm	On Campus
29.03.2025 (Sat)	9 am – 1 pm	On Campus

Registration Fee

Internal Students: Rs. 500/-
External Students: Rs. 600/-
Inclusive of 18% GST

Coordinators

Dr. A. Mythili, Professor
Dr. K. Sasikumar, Asso. Professor

Co-Convenor

Dr. S. Vidhya, Asso. Prof. & Head, SBT

Convenor

Dr. Jasmin Pemeena Priyadarisini M, Professor & Dean

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VIT - A Place to Learn; A Chance to Grow