

Address for Communication

Dr. Viswanathan V.
Co-ordinator

**AICTE Training and Learning (ATAL) sponsored 5-Days Online
FDP on Artificial Intelligence (AI)**

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

**AICTE Training and Learning (ATAL)
sponsored 5-Days Online FDP on
Artificial Intelligence (AI)**

September 21 - 25, 2020



Co-ordinator
Dr. Viswanathan V.
Professor

**School of Computer Science and
Engineering**
Vellore Institute of Technology
Chennai

ABOUT SCOPE

The School of Computer Science and Engineering (SCOPE) at VIT Chennai was established for imparting a state of art education, training and research in the field of Computer Science and allied areas. It offers B.Tech. CSE, B.Tech. CSE with Specialization in Artificial Intelligence and Machine Learning, B.Tech CSE with Specialization in Cyber Physical Systems, M.Tech (CSE), M.Tech CSE with specialization in Cloud Computing, M.Tech CSE with Specialization in Artificial Intelligence and Machine Learning, M.Tech CSE with specialization in Big Data Analytics, MCA, M.Tech Software Engineering(Integrated), M.Tech CSE with Specialisation in Business Analytics(Integrated), and Ph.D. programs in the domain of Computer Science and Engineering. The expertise of the faculty members includes Artificial Intelligence, Theoretical Computer Science, Data Mining, Cloud Computing, Big Data Analytics, Distributed Computing, Networks, Software Engineering, Image Processing, Speech Processing, High Power Clustering, Networks & all frontier areas.

ABOUT FDP

Artificial Intelligence is a major step forward in how computer system adapts, evolves and learns. It has widespread application in almost every industry and is considered to be a big technological shift, similar in scale to past events such as the industrial revolution, the computer age, and the smart phone revolution. This course will give an opportunity to gain expertise in one of the most fascinating and fastest growing areas of Computer Science through classroom program that covers fascinating and compelling topics related to human intelligence and its applications in industry, defence, healthcare, agriculture and many other areas. This course will give the audience a rigorous, advanced foundation in Artificial Intelligence.

TOPICS TO BE COVERED

- Artificial Intelligence and Machine Learning Basics
- Statistics for AI and ML
- Regression
- Classifications
- Clustering and PCA
- Markov Decision Process
- Ensemble Techniques
- Deep learning
- Artificial Intelligence for Image processing
- AI and Robotics

WHO SHALL ATTEND?

The faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government and Industry.

RESOURCE PERSONS

Industry and academic experts from IIT, IIIT and VIT will be the resource persons of the workshop.

REGISTRATION

Interested participants are requested to fill the registration form given in the link below:

<https://atalacademy.aicte-india.org/signup>

No Fee will be charged from the participants

Registration should be completed on or before 6th September 2020. Participation confirmation will be sent through e-mail on 7th September 2020.

ABOUT VIT

VIT Chennai is a globally engaged, competitive, comprehensive and research-enriched university campus strategically positioned in the capital city of Tamil Nadu, to respond to major industrial, social, economic and environmental demands and challenges. VIT Chennai is ably spearheaded by Dr.G.Viswanathan, Chancellor, Dr.Sekar Viswanathan, Vice President, Dr.Sandhya Pentareddy, Executive Director, Dr. Anand A. Samuel, Vice Chancellor and Dr.V.S. Kanchana Bhaskaran, Pro Vice Chancellor of VIT Chennai. They share in the mission to make VIT a global center.

The focus is to:

- To maximize the Industrial connectivity
- To create Centres of Excellence in contemporary areas of research
- To enrich Technological and Managerial Human Capital nurtured in a multicultural ambience
- To provide a common platform for the agglomeration of ideas of personnel from various walks of life for learning enrichment
- To create opportunities and exploit the available resources to benefit industry/ society
- To encourage participation in the National Agenda of knowledge building
- To foster International collaborations for mutual benefits in areas of research.

