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President, Vellalar Educational Trust

## PATRON

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Secretary and Correspondent,  
Vellalar Educational Trust

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Velalar College of Engineering and  
Technology.

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Dean (Academics)

**Prof.P. Jayachandar**  
Dean (StudentAffairs)

## CORDINATOR

**Dr.V.K. Manavalasundaram**  
Professor & HOD

## CO-CORDINATORS

Dr.S. Viveka, Associate Professor  
Ms.T. Premamala, Associate Professor

## ORGANISING COMMITTEE

Dr.K. Ganesh Kumar, Professor  
Dr.R. Mynavathi, Associate Professor  
Ms.T. Nithya, Assistant Professor  
Mr.C. Saravanan, Assistant Professor  
Ms.V. Leela, Assistant Professor  
Ms.S. Suganya, Assistant Professor  
Ms.R. Maheshwari, Assistant Professor  
Mr.A. Logeswaran, Assistant Professor  
Ms.V. Gomathi, Assistant Professor  
Ms.P. Prema, Assistant Professor  
Ms.D. Suganya, Assistant Professor  
Ms.R. Supriya, Assistant Professor  
Ms.N.V. Keerthana, Assistant Professor

## ABOUT THE INSTITUTION

Velalar College of Engineering and Technology is a Self-financing Co-Educational Autonomous Institution established in the year 2001 with all the necessary infrastructural facilities provided by Vellalar Educational Trust that ably governs the institution. The college is approved by AICTE, affiliated to Anna University, Chennai and accredited with 'A' Grade by NAAC. The B.E./B.Tech programmes of BME, ECE, EEE, CSE and IT have been accredited by NBA. The Institution has completed 19 years of dedicated and excellent service in the field of technical education. The Institution offers eight UG Programmes (BME, Civil, CSE, ECE, EEE, IT, MECH and Medical Electronics) and six PG programmes (M.E - CSE, Embedded System Technologies, Applied Electronics, VLSI Design, MBA and MCA). There are five Anna University approved research centers in the departments of ECE, EEE, CSE, Physics and Chemistry.

## ABOUT THE DEPARTMENT

Department of IT was established in the year 2002 and offers a full time four years B.Tech degree programme in Information Technology. The vision is to promote learning and innovations in the field of Information Technology for the overall development of the lives and society. The mission is to attain technological excellence through quality education and well-designed curriculum adaptable to technological needs. Facilitate value added courses and interdisciplinary training to provide highly competent IT professionals and entrepreneurs. Produce socially aware and ethically responsible engineers through human value education and impart collaborative research through academic projects and industry institute interactions.



**AICTE TRAINING  
AND  
LEARNING(ATAL)  
SPONSERED**



**Five Days Faculty Development  
Program on**

## "Artificial Intelligence"

**24.08.2020 - 28.08.2020**



Organized by



**Department of  
Information Technology**

**Velalar College of Engineering and  
Technology (Autonomous)**

(Accredited by NBA & NAAC with Grade 'A')

Thindal, Erode - 638012,  
Tamil Nadu.

## RESOURCE PERSON

Experts from Industries and Academic Institutions

## IMPORTANT INFORMATION FOR PARTICIPANTS

- This FDP is only for faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government and industry.
- Course registration is free for all participants.
- The FDP will be conducted in Online mode.
- Participants willing to participate in this online FDP should have the provision of laptop/desktop/smart phone with good quality internet connections and other audio visual facilities, as required for online training.
- Seats are limited and the participants will be selected on first come first serve basis
- Shortlisted candidates will be informed through their email.
- On completion of the course participants will be assessed through online quiz. Those who have attendance of minimum 80% and score more than 60% in the test will be issued a digital certificate by the ATAL Academy.

[CLICK HERE TO REGISTER](#)

## ABOUT AICTE – ATAL OBJECTIVES

- To set up an Academy which will plan and help in imparting quality technical education in the country. To support technical institutions in fostering research, innovation and entrepreneurship through training.
- To stress upon empowering technical teachers & technicians using Information & Communication Technology.
- To utilize SWAYAM platform and other resource for the delivery of training.
- To provide a variety of opportunities for training and exchange of experiences, such as workshops, orientations, learning communities, peer mentoring and other faculty development programmes.
- To support policy makers for incorporating training as per requirements.

## ABOUT FDP

Artificial intelligence is based on the principle that human intelligence can be defined in a way that a machine can easily mimic it and execute tasks, from the most simple to those that are even more complex. The goals of artificial intelligence include learning, reasoning, and perception. As technology advances, previous benchmarks that defined artificial intelligence become outdated. For example, machines that calculate basic functions or recognize text through optimal character recognition are no longer considered to embody artificial intelligence, since this function is now taken for granted as an inherent computer function.

Artificial Intelligence has moved from labs into mainstream of companies as it enhances their ability to solve complex, real-world business problem through the application of AI technologies and algorithms. Artificial intelligence has many applications in different fields like diagnosing disease, translating languages, providing customer services, visual perception, speech recognition, decision-making, NLP, ML and image processing.

## TOPICS

- Introduction to AI
- Search Algorithms : Uninformed Search and Informed Search Strategies
- Adversarial Search and Constraint Satisfaction problems
- Bayesian Networks and Decision theory
- Knowledge Representation
- AI and its applications
- Introduction to Machine Learning
- Supervised Learning and Unsupervised Learning
- Inductive Learning & Reinforcement Learning
- Artificial Neural Networking: Recurrent Neural networks
- Hopfield Networks and Boltzman machine
- Graph Theory and its Applications in AI
- Introduction to Deep Learning
- Deep Learning Applications

## CONTACT

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