

About VIT

Vellore Institute of Technology popularly known as VIT was established with the aim of providing quality higher education on par with International Standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The technological institute is a major student centred research institute dedicated to excellence in teaching, research and service. The green campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly devoted to nurture the students. The global standards set at VIT in the field of teaching and research spurs us our relentless pursuit of excellence. As a Technical Educational Institution offering state-of-the-art facilities to students from India and abroad, VIT is fast blossoming into an Institution of International repute.

About SITE

The School of Information Technology & Engineering (SITE) emphasizes the fields of Information Technology, Software Engineering and Domain Specific Applications so as to facilitate the evolution of skills in students to help them attain a higher degree of knowledge, global competency and excellence, for the betterment of the society.

About the Workshop

Workshop will address the adoption of digital technologies in agriculture which is increasing at a rapid pace. Agriculture is slowly becoming digital and AI in agriculture is emerging in three major categories, (i) agricultural robotics, (ii) soil and crop monitoring, and (iii) predictive analytics. Farmers are increasingly using sensors and soil sampling to gather data and this data is stored on farm management systems that allows the user for better processing and analysis. This workshop discuss about the challenges and opportunities in agriculture and provides an insight about the way to deploy AI in agriculture.

Topics to be Covered

- ❖ Introduction to Artificial Intelligence
- ❖ Current Challenges in Agriculture
- ❖ Solutions through AI
- ❖ Automatic Farm Equipment
- ❖ Detecting Pest Infestations in Machine Learning
- ❖ Detection of Plant Diseases- Overview of Algorithms



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



Sponsored

**Workshop on
Artificial Intelligence in
Agriculture**

23rd March 2019

**Organized by
School of Information Technology and
Engineering**

VIT Vellore Campus

Advisory Committee

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Dr. G. Viswanathan, Chancellor

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Convenor

Dr. B K Tripathy
Dean,
School of Information Technology and Engineering,
VIT, Vellore 632014

Co-Convenor

Dr. Parimala M
SITE - VIT, Vellore

IET Co-ordinator

Dr.N.Ruban,
SELECT, VIT, Vellore

Address for Correspondence

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Resource Persons

Shri P. Veera Shanker,
Deputy General Manager
NABARD, Chennai.

Mr. M. Sudarsan
Member Technical Staff-2,
Paypal, Chennai.

Target Group

Faculty, Ph.D./ M.S Research Scholars / PG , UG
students

Registration Fee

Rs.200 – Internal (Participants from VIT and IET
members)
Rs.300 – External (Participants from other institutions)

Registration charges includes GST, Course material,
Snacks and certificate. The number of participants is
limited to 75.

Registration Link

<http://info.vit.ac.in/Events-VIT/IET/apply.asp>

Venue : VIT, SJT G07 Smart Class room

Date : 23-03-2019



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IET

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Workshop on
“ Artificial Intelligence in Agriculture”
23rd March 2019**

Registration Form

Name : -----

Department: -----

University/ College/ Institution -----

Address : -----

Email : -----

Contact no: -----

Payment Details: -----

Amount , Date , Place -----

Signature :-----