



Avanshilingam Institute for Home Science and Higher Education for Women
(Approved to the University under category 'A' by UGC, vide 1/4/1 of UGC in 1992)
Recognized with 'A' Grade by AAC, Recognized by UGC under section 12 B
Coimbatore-673 202, Tamil Nadu, India

Applications of AI and IoT in Farming

Topics Covered

A brief introduction about FarmBot Genesis
Explaining the overview of hardware and software
Elaborate the tools used in FarmBot Genesis

Presenter

Mr. Marc Roland
Senior Manager, FarmBot Inc., USA

Platform

Google Meet

Registration Link

<https://forms.gle/hcD7gsRZVYkbnrHa6>

Hosted by

AAI Start-up Programme
Centre for Machine Learning and Intelligence

Date & Time

06.08.2021 • 10 am to 11 am

About the Webinar

- It is a demonstration about the complete working of the FarmBot.
- This webinar will cultivate the spirit of smart farming among the audience.
- It helps to know what are the tools needed in FarmBot genesis.

About AAI Start-up Programme

AAI Start-up Programme is a research platform for exploring the potential of students with Internet of Things for multidisciplinary research with end-user interactions. It gives the power to the students to be at the core of the research and innovation process. It gives them the power to change the world and their future. AAI Start-up Programme is equipped with micro controllers, RFID tags and different types of sensors. In the lab we will have a 3D printer to develop multi-disciplinary products. We have our own AVR softwares to engage in the design and development of advanced human-machine interfaces for students. We will cultivate the spirit of technology based agriculture among the students with the help of a farm bot that is going to be deployed in our center. By using this Start-up Programme, students could develop IoT proof of concepts, learn embedded programming and create their own prototypes.

About Centre for Machine Learning and Intelligence

Centre for Machine Learning and Intelligence Facility of Avanshilingam Institute for Home Science and Higher Education for Women, Coimbatore is funded by the Department of Science and Technology, Govt. of India, New Delhi, under the scheme of "Consolidation of University Research for Innovation and Excellence (CURIE)" to promote Artificial Intelligence to educate get students in the institution. This Centre of the Institution is establishing necessary infrastructure and facilities for the students to shift themselves to the benchmarks of technological aptitude, skilling and molding of workforce forms embracing full potential of Artificial Intelligence in the five sectors - healthcare, agriculture, education, smart cities and infrastructure & transportations.

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Project Co-ordinator - DST Curie-AI

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