

AgriThon 2.0 **48-hours Hackathon on** **'AI for Sugarcane Diseases and Pest Management'**

Organized by

School of Computer Science and Information Systems, VIT, Vellore, India.

Sponsored by

Department of Biotechnology, Govt. of India, New Delhi.

08.08.2025 (05.00 PM IST) to 10.08.2025 (05.00 PM IST)

About VIT

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 campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence.

About Hackathon

Join us for a 48-hour hackathon on "Dataset Curation & Model Implementation," where participants will apply AI techniques to real-world agricultural challenges. Using field data from sugarcane, an economically vital crop prone to disease, the event focuses on dataset preprocessing & model implementation. This hackathon offers hands-on exposure to precision agriculture, deep learning, and data-driven crop health management, while fostering collaboration and innovation.

About DBT

The Department of Biotechnology is a premier government organization under the Ministry of Science and Technology, Government of India, established in 1986 to promote and support biotechnology research, innovation, and education across the country. DBT plays a crucial role in advancing India's scientific capabilities in various domains such as agriculture, healthcare, environment, and industrial biotechnology. It supports a wide network of institutions, and universities.

**Last Date for
Registration: 01.08.2025**

**No Registration
Fee**

**First Prize:
₹ 15,000**

**Second Prize:
₹ 10,000**

**Third Prize:
₹ 5000**

Faculty Coordinators:

Dr. P. Shunmuga Perumal,
Assistant Professor,
SCORE, VIT, Vellore, India.

Dr. V. Ezhil Arasi,
Assistant Professor,
SCOPE, VIT, Vellore, India.

Dr. V. Murugan,
Assistant Professor,
SAS, VIT, Vellore, India.

Students Co-ordinators:

Mr. Maheshkumar S
Project Associate-II, SCORE
& Ph.D Scholar, SAS

Mr. Prasathkumar A
Ph.D Scholar, SCORE

Mr. Harish V
1st Yr M.Sc (AI & ML),
SCORE

Hackathon Protocol:

- No registration fee
- Food & Accomodation will not be provided
- Refreshments will be provided
- Team size: 2 to 4 members and One registration per team
- All participants must bring their College ID Cards
- Dataset will be provided
- Teams must work on the given preprocessing techniques and deep learning models
- After 24 hours, the first round will be evaluated. Only successful teams will be permitted to proceed to the second round
- All successful participants will receive certificates

Venue: SJT, VIT Vellore

Registration link:

<https://forms.gle/MtCWRLDXgrJ2NKpRA>

Scan for Registration:



For Queries:

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