Event Plan - Vision Verse

Event Description:

Farmers all around the world have vast acreages and confront the challenge of crop monitoring on a regular basis. To design an algorithm that would assist them in monitoring their crops and in informing farmers about crop health. There is a device available that monitors the crops automatically and takes photos at regular intervals that would aid them in monitoring their crops and sends the data to farmers and advise them about their crop health.
According to health, it will classify diseases. To assist with this, you must construct a machine learning model that classifies diseases.
To assist you, we'll be providing you with a dataset with four classifications; now it's up to you to design an ML model.

Rules and Regulation:

- Eligibility - Students pursuing undergraduate/ master's degrees in any discipline.
- A team is allowed to have a maximum of 3 members.
- Competition will be hosted on kaggle, you guys can explore it though.
- Code can be submitted in any language (preferably Python).
- Use of AutoML is not allowed.
- Only use the datasets provided to you, no external datasets are allowed.
- Only use publicly available frameworks and libraries.
- Your code may be asked at any point of time.
- Zero Plagiarism -
    - The documents would be tested via special software for plagiarism.
    - If some duplication would be found, the entire work would be rejected from the competition.
- If the participating team feels that their idea requires more participants in their team, they can forward their request, with suitable reasons, to robotronics@iitmandi.ac.in with the subject "Team number increase request".
- Stay honest to the community. If you come across any wrongdoing, which hampers the decorum of the community on or off it, do report that to us. We will investigate the issue and take appropriate action to stop it.

Prize Money:

10000

Submission Guidelines:

You have to submit .csv files on kaggle.

Evaluation Criteria:

- Leaderboard will be maintained on the basis of accuracy on the test data.

(Potential) Industry Partners:

- NetraDyne
- IntelloLabs
- MintM
- SensoVision Systems
- Playment
- ILenze
- Uncanny Vision