

1st - March - 2023

HACKATHON PROJECT REPORT

We had hackathon on 24th and 25th of February 2023. Which was held in Anurag university, Gatkesar. On the first day i.e. 24th February two rounds were conducted. At 9:30 am there was Orientation. 'Round 1' has started - It was round for "Ideation of the Project". We selected the domain as Agriculture. Hence, Our Idea was "Crop Recommendation System" using Machine learning. The Round 1 has ended, with us presenting the idea.

As the hackathon was conducted through hybrid mode Round 2 was conducted online. In which, we have do created an ML model through which we predicted crops on the basis of Soil PH, nutrients, humidity, temperature. At 12:00 pm we were asked to present the model, which promoted us to Round 3.

Round 3 was offline mode, here we have presented our final prototype, which was deployed into flask framework. We have created a webpage through which farmers can access the model easily, by just entering the values required. Finally, the Crop Recommendation system predicted a suitable crop.

By, II IT-B students:

Mahin Emroz (21321A1293)

Kota thanvi (21321A1265)

Paderu pranitha (21321A1267)

Chamarthi Sharyani (21321A1299)

**ELITE
HACK
CHALLENGE**

**CERTIFICATE
OF PARTICIPATION**

**THIS CERTIFICATE IS
AWARDED TO**

Mr./ Ms. Shaik mahin emroz

of Bhoj Reddy Engineering College for women

for successfully participating in the

NATIONAL LEVEL HACKATHON

Organised by
Dept.of CSE

In collaboration with
CSI - Hyderabad chapter

on 24th and 25th February 2023.

Dr. G. Vishnu Murthy
Dean,
CSE, AU

Mr. J. Prasanna Kumar
Chairman,
CSI Hyderabad Chapter

Dr. V. Vijaya Kumar
Dean,
SoE, AU

Dr. S. Sameen Fatima
Registrar,
AU

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