



# *Agri* TECH

Presented by : **The Team Brainiacs**



# THE TEAM BRAINIACS

TEAM LEADER: B.ARTHI


COLLEGE NAME: GLWEC,MLRITM

TEAM MEMBER 1 NAME : A. MOKSHITHA

TEAM MEMBER 2 NAME: N.SREE VALLI

TEAM MEMBER 3 NAME: CH. TARUNA SREE



A man wearing a white shirt and a white head covering is plowing a field with two oxen. The oxen are harnessed together and pulling a wooden plow. The background is a lush green field. The text is overlaid on the image in a white, bold, sans-serif font.

**"AGRICULTURE IS OUR WISEST PURSUIT,  
BECAUSE IT WILL IN THE END CONTRIBUTE  
MOST TO REAL WEALTH, GOOD MORALS &  
HAPPINESS"**

# THE MAJOR PROBLEMS FACED BY FARMERS ARE:

- COPE WITH CLIMATE CHANGE.
- MEET RISING DEMAND FOR MORE FOOD OF HIGHER QUALITY.
- LACK OF KNOWLEDGE ON THE SELECTION OF CROPS AND USAGE OF PESTICIDES.
- INVEST IN FARM PRODUCTIVITY.
- MARKETING AND TECHNIQUES.





# Approach

**IT'S NOT THAT WE USE TECHNOLOGY, WE LIVE TECHNOLOGY.  
SO WHY NOT USE TECHNOLOGY IN AGRICULTURE???**

- **Our website takes into consideration the Agro-ecological zone of the farmers field and recommends a suitable crop.**
- **Once the crop is selected our website recommends an optimal fertiliser combination by considering the nutrition status of the soil.**





- THROUGH OUR WEBSITE FARMERS CAN DIRECTLY SELL THEIR GOODS TO THE CONSUMERS.
- THIS WAY THE BROKERAGE MONEY OF FARMERS IS SAVED AND THE CONSUMERS CAN GET FRESH YIELD WHICH MAKES MARKETING EASIER AND MORE SUSTAINABLE.

- WE ALSO PROVIDE THEM WITH INFORMATION ABOUT THE GOVERNMENT SCHEMES AND UPDATE THEM TIME TO TIME.



# WHAT MAKES OUR SOLUTION UNIQUE!?

- OUR PROJECT IS MEASURABLE IN TERMS OF ITS BENEFITS AND ACHIEVEMENTS.
- IT CAN PRACTICALLY BE ACHIEVED.
- THIS IS ALSO AN INTERACTIVE WEBSITE WHERE BOTH THE FARMERS AND CONSUMERS CAN BE BENEFITED.
- IT JUST DOESN'T PROVIDE DATA BUT GENUINELY HELPS THE PARTIES REGARDING THEIR NEEDS.
- THE FARMER DOESN'T NEED TO GO THROUGH DIFFERENT PAGES FOR THE INFORMATION. BUT RATHER WE PROVIDE EVERYTHING HERE.

# ARCHITECTURE & TECHNOLOGY



WE USE HTML, CSS  
FRAMEWORK: TAILWIND CSS AND  
JAVASCRIPT TO DEVELOP OUR  
WEBSITE AND WE ALSO USE  
PYTHON TO TAKE ORDERS FROM  
THE CUSTOMERS.





# THANK YOU!

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