

# **AGRICULTURE USING MODERN TECHNOLOGIES**

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BATCH 15 CSE-17

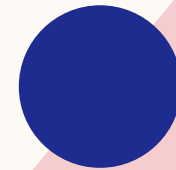
# AGENDA

Introduction

Technology in Agriculture

What our Project does

Summary



# INTRODUCTION

-The use of technology is increasing day by day.

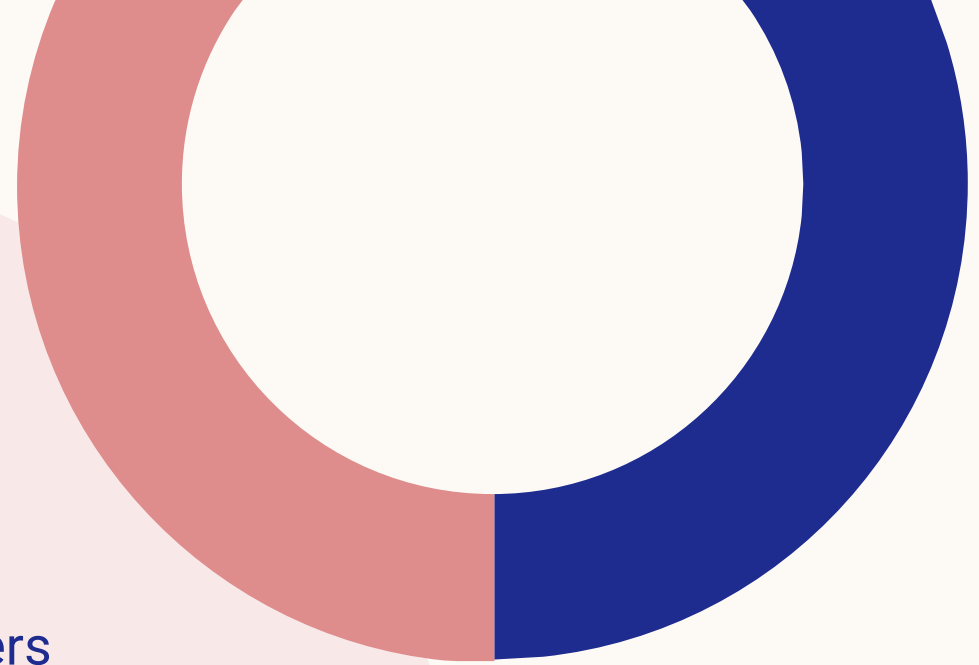
-We all depend on technology & we use various technology to accomplish specific tasks in our lives.

-In today's world, we are surrounded by a lots of technologies.

-So it is better to stay up-to-date with new emerging technologies

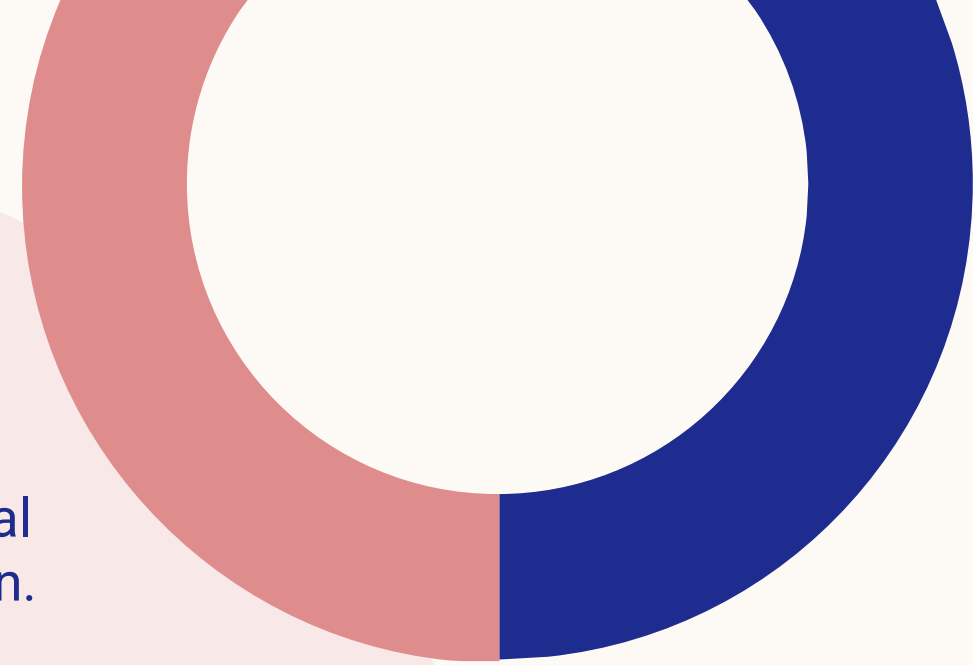
# TECHNOLOGY IN AGRICULTURE

- Technology has played a big role in developing the agricultural industry.
- Innovations in technologies have modernized the agricultural field.
- Various machineries & tools have helped the farmers of our country to play a vital role in developing the economy.
- In India, the basic technology of agricultural machines has changed little in the last century.



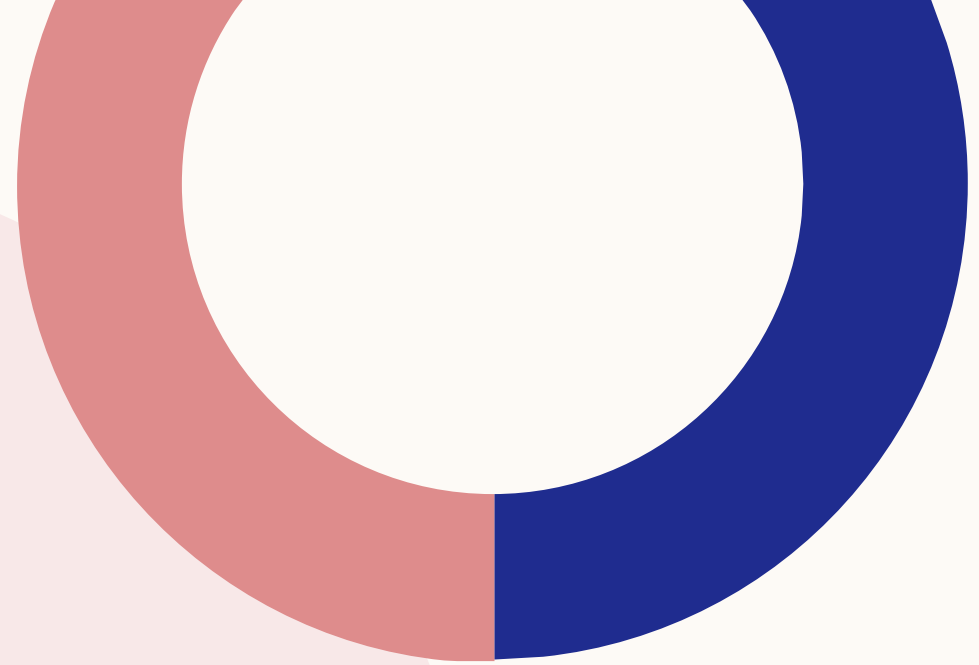
# **SIGNIFIICANCE OF AGRICULTURE IN INDIA**

- Around 58% population of India depends on Agriculture.
- Almost 60% of Indian land comprises of agricultural land 140.7 million hectare area is available for sown.
- Agriculture & catch fishery is amongst the fastest growing industries in India.
- Agriculture continues to play a major role in Indian Economy..



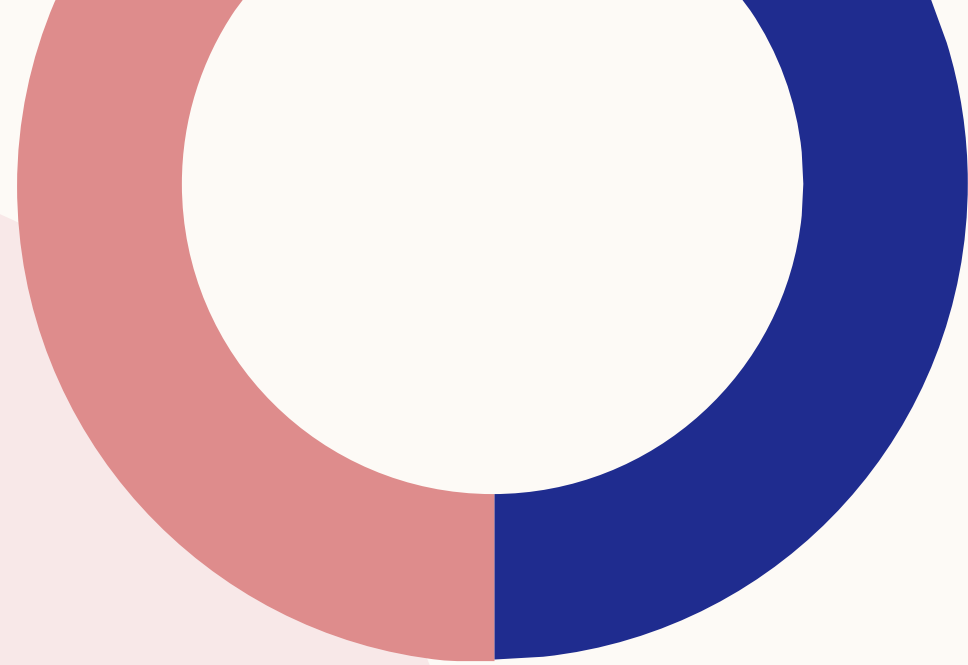
# HOW DOES TECHNOLOGICAL INNOVATION IMPACT AGRICULTURE?

- Major Technological Advancements in Agriculture
- Mechanization
- Chemical Fertilizers
- Hybridization
- Biotechnology



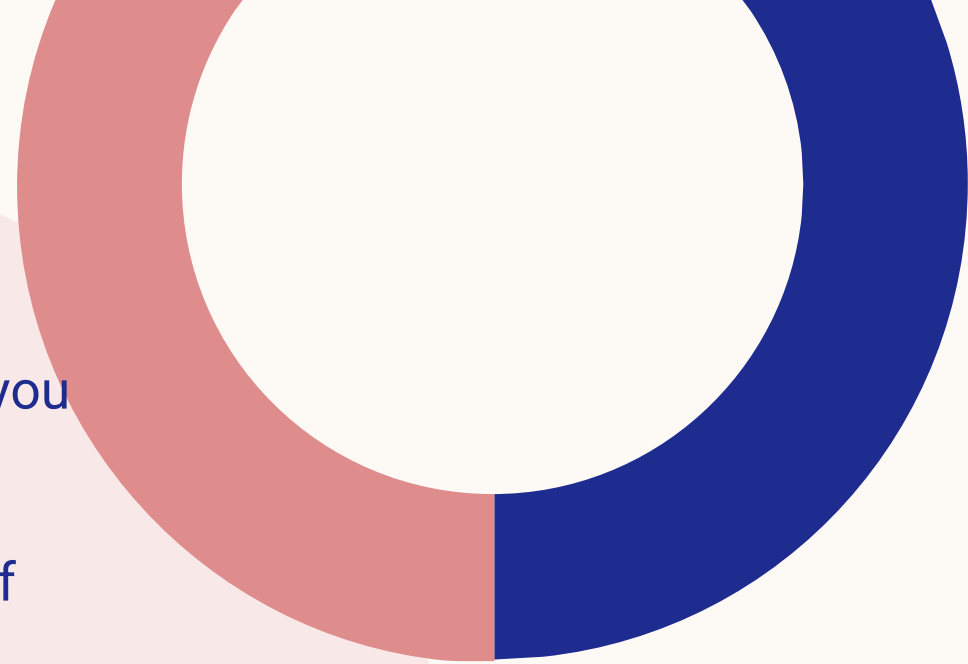
# **TECHNOLOGIES FOR AGRICULTURAL DEVELOPMENT**

- Pre & post harvesting technology Energy saving technology
- Environment protection technology
- Information and Communication technology
- GIS & RS technology
- Internet/Intranet Technology



## USE OF MACHINES ON FARMS

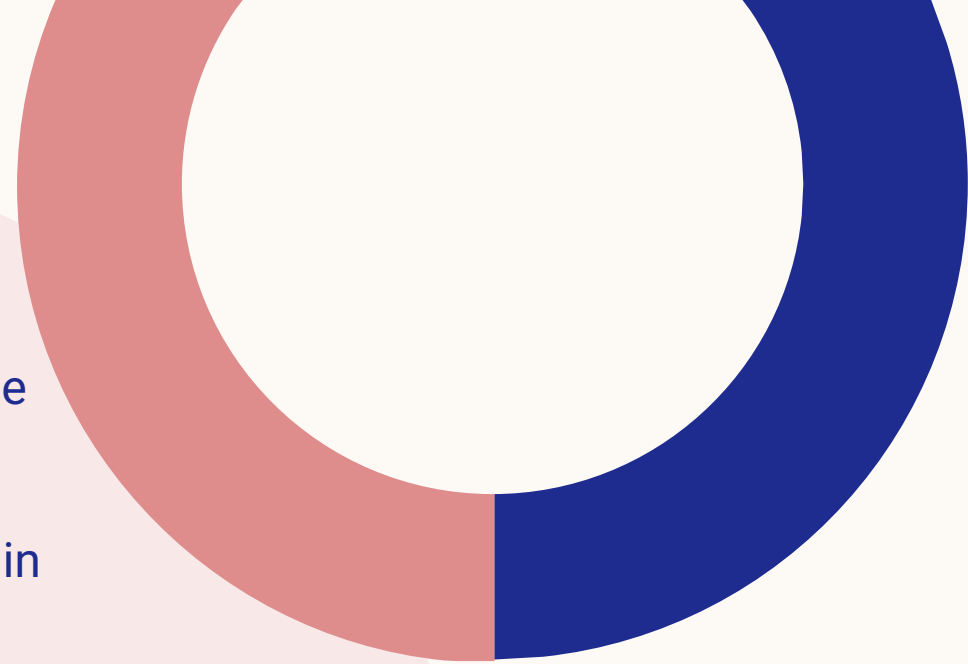
- In agriculture, time & production are so important; you have to plant in time, harvest in time & deliver to stores in time.
- Now a farmer can cultivate on more than 2 acres of land with less labor.
- The use of planters & harvesters makes the process so easy.





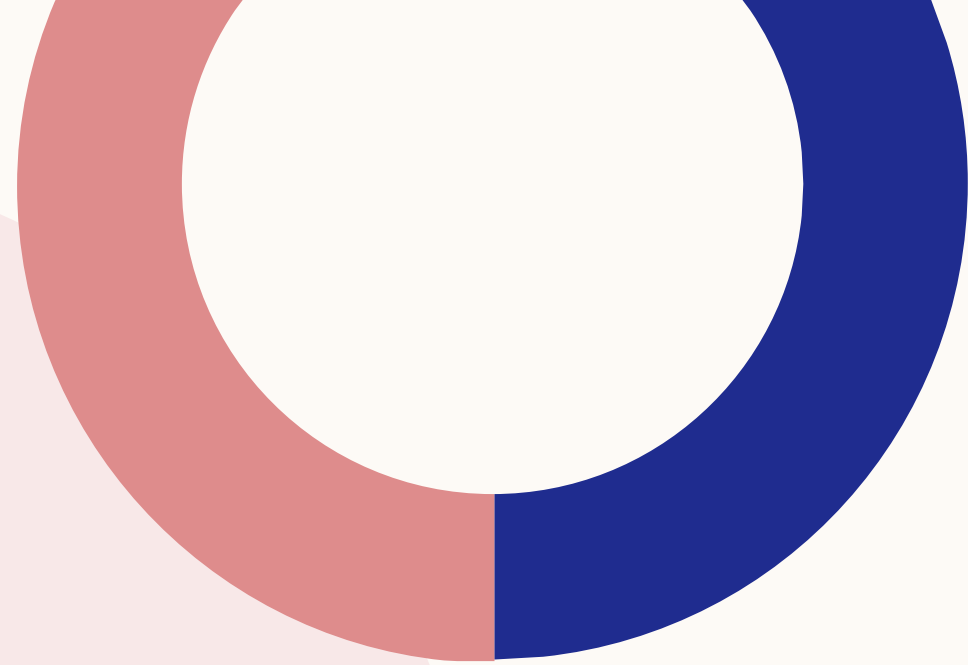
# MOBILE AGRICULTURE

- Nowadays, mobiles & smartphones are playing a vital role in accessing information about any topic.
- Thus several mobile apps have been developed for ease in work for the farmers.
- These applications are more advanced & can give accurate information.
- With increase in craze of smartphones & tablets, its market is likely to grow.



# NEED TO IMPROVE AGRICULTURAL TECHNIQUES

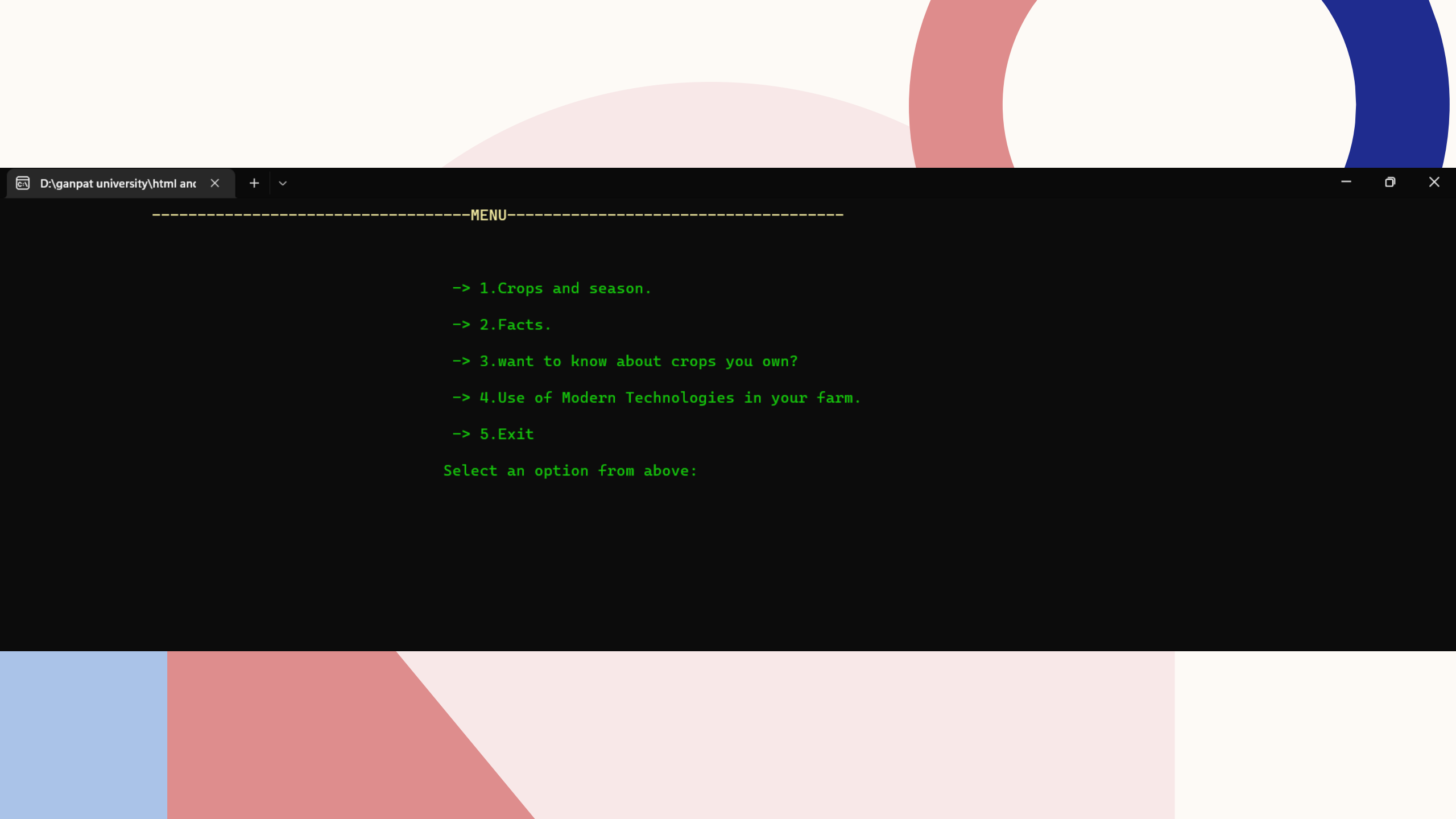
- NEED TO IMPROVE AGRICULTURAL TECHNIQUES
- Indian agriculture is famous for its rich bio-diversity.
- Average yield in India is just 30% to 50% of the highest average yield in the world.
- Agriculture in India is not technically developed.
- Illiteracy and socio-economic backwardness results in low productivity in India.



# WHAT OUR PROJECT DOES

Our Project gives specified agriculture related information to Farmers and helps them explore their Farms

Below is the attached screenshot:



-----MENU-----

- > 1.Crops and season.
- > 2.Facts.
- > 3.want to know about crops you own?
- > 4.Use of Modern Technologies in your farm.
- > 5.Exit

Select an option from above:

# SUMMARY

Farmers are backbones of our society and currently many of the farmers are not getting of their work because of the growth of corruption and greed .Modern Technologies makes your work simple and helps you earn greater as well .By the passage of time Human has evolved and hence agriculture sector should also ,thus agriculture can be better managed by technology and we should use Sustainability development.

**THANK YOU**