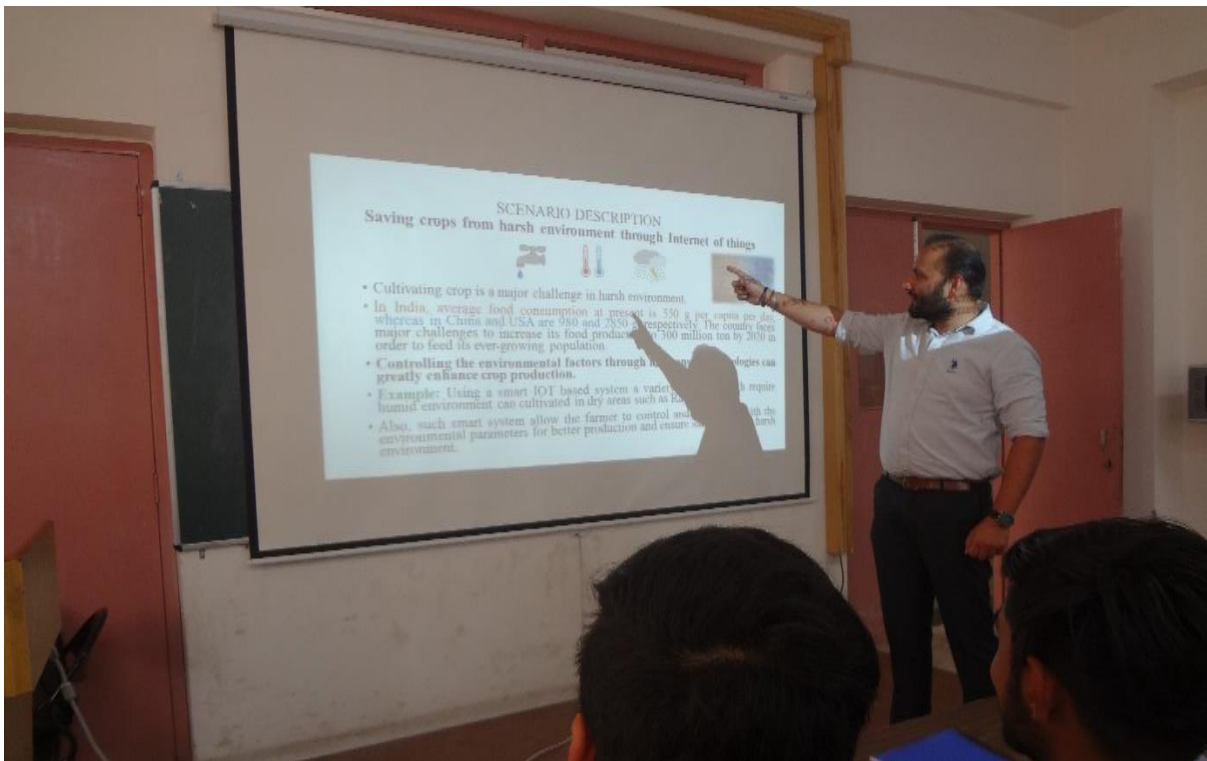
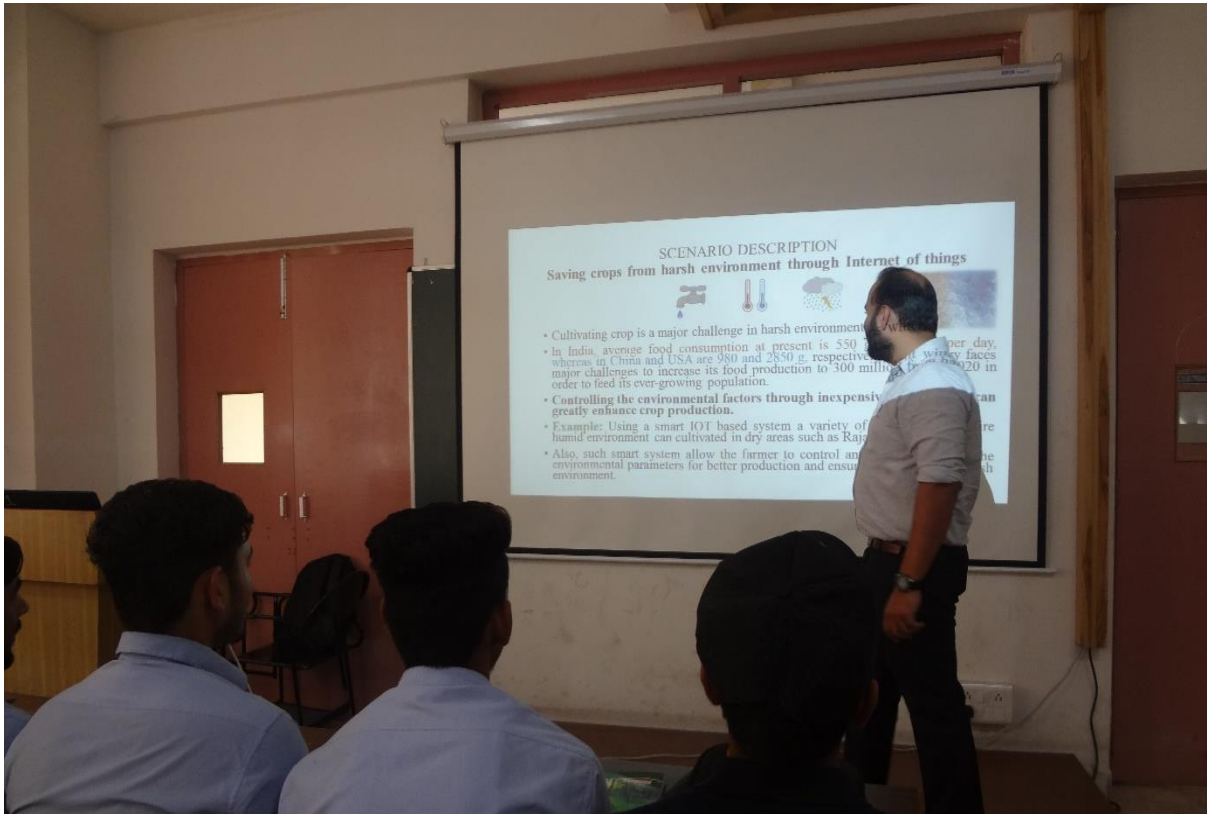


## Lectures under ICT facilities





SCENARIO DESCRIPTION  
 Saving crops from harsh environment through Internet of things

- Cultivating crop is a major challenge in harsh environment.
- In India, average food consumption at present is 550 g per capita per day, whereas in China and USA are 980 and 2850 g, respectively. The country faces major challenges to increase its food production to 300 million tonnes by 2020 in order to feed its ever-growing population.
- Controlling the environmental factors through inexpensive technologies can greatly enhance crop production.
- Example: Using a smart IOT based system a variety of crops which require humid environment can cultivated in dry areas such as Rajasthan.
- Also, such smart system allow the farmer to control and monitor the environmental parameters for better production and ensure sustainable harsh environment.



