

### **Project Based Learning (PBL)**

Project-based learning (PBL) in agriculture involves students tackling real-world agricultural challenges through hands-on projects. This approach helps students apply theoretical knowledge to practical situations, enhancing their problem-solving abilities, creativity, and critical thinking. In PBL, students often work in teams, promoting collaboration and communication skills. The outcomes include a deeper understanding of agricultural systems, improved technical skills, and the ability to address complex issues in the field, making PBL a valuable educational method in agriculture

#### **PBL activities conducted during the Odd semester 2025**

<b>Sr. No.</b>	<b>Faculty Name</b>	<b>Course</b>	<b>Programme</b>	<b>Semester</b>	<b>Topic of PBL Activity</b>
1	Dr. Shama Parveen	Fundamentals of Plant Breeding	B.Sc. (Hons) Agriculture	III	Evaluation of sesamum varieties for yield and its components under local agro climatic conditions
2	Dr. Shama Parveen	Fundamentals of Plant Breeding	B.Sc. (Hons) Agriculture	III	Varietal performance evaluation of rice under standard agronomic practices
3	Dr. Shama Parveen	Fundamentals of Plant Breeding	B.Sc. (Hons) Agriculture	III	Assessment of yield and yield components in green gram varieties
4	Dr. Shama Parveen	Fundamentals of Plant Breeding	B.Sc. (Hons) Agriculture	III	Study of the effect of nano particle Silver Nitrate on the Seedling Behaviour of Cereal, Pulses and Millets
5	Dr. Pramod Kumar Yadav and	Post Harvest	M. Sc. (Ag)	III	Biology of pulse beetle

	Dr. Suraj Kumar	Handling and Storage of seed	Genetics and Plant Breeding		( <i>Callosobruchus chinensis</i> L.) on chickpea ( <i>Cicer arietinum</i> L.)
6	Dr. Sudheer K Pathak	Commercial Plant Breeding	B.Sc. (Hons) Agriculture	V	Varietal Development, Pollination Techniques, and Seed Commercialization in Self-Pollinated Crops
7	Dr Divya Pandey	Orchard and estate management	B.Sc. (Hons) Horticulture	V	Integrated orchard management practices in papaya ( <i>Carica papaya</i> L.)