

1. **Name and designation :** Dr. (Mrs.) Promila Kumari
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3. **Academic qualifications:** Ph. D. Plant Physiology
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6. **Field of specialization:** Seed Physiology (Cotton Physiology).
7. **Member of professional Societies:** Indian Society of Plant Physiology.
8. **Awards/ distinctions/ recognition/ foreign visits:** Visited USA (Columbus Ohio) in 1989 under UNDP/FAO Programme.
9. **Teaching and research high lights:**

Teaching: Taught advance courses in seed physiology along with under graduate courses.

 - Screening for hard seeded ness in various legumes revealed that maximum number of hard seeds are produced in urd bean (*Phaseolus mungo*) followed by mungbean (*Vigna radiata* L)and fababean (*Vicia faba* L).The production of hard seeds was also influenced by environment in Mungbean because more number of hard seeds were produced during kharif sown crop as compared to summer sown crop.
 - Development of transplantation technique in cotton to improve stand establishment under saline conditions and gap filling in normal sowing.
 - Seed viability in onion can be retained/maintained for a longer period when stored in polyethylene bag lined internally with aluminum foil.
 - Higher yields in cotton have been obtained with KNO₃ (1 and 0.5%) followed by Glycinebetaine (0.3 %) and thiourea 500 ppm spray.
10. **Extension activity**
 - Delivered lectures to SMS trainees
 - Demonstration of Transplantation techniques to farmers and demonstration of the same at farmer's field.
 - Delivered lectures to ADOS during training conducted by cotton section
 - Participated in Kisan Melas
 - Contributed chapters in Manual of Plant Physiology and Manual of Allelopathy.
11. **No. of M. Sc. Or Ph. D Students guided:** Guided 2 M. Sc. students.
12. **Research Projects:**
 - Physiological and biochemical basis of boron toxicity in wheat and pigeon-pea under salinity stress.
 - Nutrient management for high quality fibre and yield in cotton.