



**Dr. S. Ramesh, Professor**

### **iii. Teaching**

#### **UG Courses**

3. Fundamentals of Genetics: GPB 211 (1+1)
4. Fundamentals of Plant Breeding: GPB 221 (2+1)

#### **MSc courses**

3. Principles of Plant Breeding: GPB 501 (2+1)
4. Principles of Quantitative Genetics: GPB 504 (1+1)

#### **PhD courses**

3. Marker Development and Gene Mapping: GPB 606 (1+1)
4. Advances in Quantitative Genetics: GPB 611 (1+1)

### **iv. Research**

- Strategic and applied dolichos bean and horse gram breeding
- Contributed to development and release of one Lucerne pure-line variety, RL 88, two sunflower hybrids, KBSH 41 and KBSH 42 and one chilli hybrid, KBCH 1

#### **Adhoc research projects being operated**

6. Next generation technologies (NGT) in precision crop breeding including use of advanced genomic tools & introgressiomics, funded by World bank through ICAR, New Delhi with an total outlay of INR 200 million for a period of three years from **April 2018 to March 2022.**
7. Evaluation of Stress Tolerant Orphan Legumes for use in dryland farming systems across sub-Saharan Africa and India – Promoting India-Africa Framework for Strategic Cooperation” funded by KirkHouse Trust, UK and coordinated by NBPGR, New Delhi for a period of five years from **April 2018 to March 2023.**

**v. Publications**

- ✓ Published over 100 articles with a **Google Scholar H index of 24**
- ✓ Serving as a member of the editorial committee of Indian Journal of Genetics and Plant Breeding

**vi. Awards**

- ❖ Recipient of ICAR Best teacher Award – 2017
- ❖ Recipient of Best Research Supervisor Award – 2019