

## **CURRICULUM VITAE**

***Ms. Ramandeep Kaur D/oS. Teja Singh***

Address: Village- Bajak, Post Office- Jangirana, Tehsil & District- Bathinda

(Punjab) - 151401

Contact No: 7087240388

### **Objective**

- To become a successful person human oriented along with organization for development with positive attitude.
- To excel in the assigned responsibilities with dedication, hard work and honest approach, seeking a position to utilize my skills and abilities in your industry that offers professional growth whole being resourceful, innovative and flexible in order to take the organization to very different level.

### **Educational Profile:**

- Ph.D. Genetics & Plant Breeding (**Pursuing**)
- M.Sc. Genetics & Plant Breeding from Punjabi University, Patiala (2018) (84%).
- B.Sc. Agriculture (Hons.) from Guru Kashi University, Talwandi Sabo (2016) (82%).
- Certificate in Computer basics (3 months) (81%)
- Senior secondary from PSEB, Nandgarh (2012) (72%).
- Metric from Govt. Sen. Sec. School, Bajak (PSEB) (73%)

### **Work experience: -**

- **Worked as Assistant Professor of Genetics and Plant Breeding** at University College of Agriculture, Guru Kashi University, Talwandi Sabo (Bathinda) from 8<sup>th</sup> August , 2018 to 29<sup>th</sup> June 2025.
- **P.hd Research title:** Genetic diversity in relation to heterosis and combining ability in sunflower (*Helianthus annus* L.,) using exotic germplasm.
- Working as an assistant breeder in research work of Master's students on various cereal crop and vegetable crops like okra, tomato, chilli, brinjal etc. in Guru Kashi University, Talwandi Sabo.

- **M.Sc. Research title:** Diallel analysis for seed yield and its various contributing traits in Indian Mustard (*Brassica juncea* L.).

#### **Online Certificate Courses: -**

- One-month International Agriculture certificate course- cum – training program on Prime minister & Ministry of Agriculture & Farmers Welfare sponsored agriculture scheme & Indian agriculture vision -2050 on 1<sup>st</sup> -30<sup>th</sup> April, 2024.
- One Month, 2 credits SWAYAM course on National Education Policy-2020: Professional Development Programme’ on 1<sup>st</sup> -30<sup>th</sup> April, 2024.

#### **Computer Proficiency: -**

- MS Excel,
- MS Power point,
- MS Office, Windows and Internet,
- Networking and Management.

#### **Conferences / Seminars/Webinar: -**

- Participated in “The International Webinar Titled” “ **AI- Driven AgTech Revolution: Transforming Agriculture through innovation, data and empowered agronomists**” organized by Guru Kashi University, Talwandi Sabo, held on 18<sup>th</sup> July 2025.
- Participated in “**International conference on Innovation & Applications of AI**” organized by Guru Kashi University, Talwandi Sabo, held on 25 to 26<sup>th</sup> April 2025.
- Participated in International Agriculture conference entitled “**Navigating unique trends in agriculture research, innovation, engineering, nutrition and technology “NUTRIENT 2025”**” organized by BGGI, Sangrur Punjab & Agri. meet foundation Bharat held during 20-21 February 2025.
- Attended and Presenting Paper in two days **Symposium on “Transforming the Green Revolution Hub of India: Innovations in Crop Breeding, Resource and Management Policy”** organized by Punjab Agricultural University, Ludhiana, Punjab, India on Aug 17-18, 2022.
- Attended three days 1<sup>st</sup> **International conference on “ Global Initiatives in Research , Innovation and Sustainable Development of Agriculture and allied Sciences**

**(GIRISDA-2022)”** jointly organized by Guru Kashi University and Just Agriculture (Magazine) Punjab, India on 6<sup>th</sup> June to 8<sup>th</sup> June, 2022.

- Attended two days **International (Virtual Presentation) conference on Recent trends in Agriculture, Environment and Bio Science Dubai 2019** , jointly organized by IMRF Institute for education and research Dubai chapter and Sant Baba Bhag Singh University, Punjab, India on 18<sup>th</sup> Jan to 19<sup>th</sup> Jan , 2019.
- Attended three days **International (Virtual Presentation) Conference on Recent Trends in Agriculture, Environment and Bio Science Thailand**, organized by Asian Institute of Technology Conference Centre, Bangkok, Thailand on 29<sup>th</sup> March to 30 March, 2019.
- Attended two days **International (Virtual Presentation) conference on Latest Innovations in Engineering Science and Management**, organized by KU home, Kasetsart University, Chatuchak, Bangkok, Thailand on 10<sup>th</sup> Feb. to 11<sup>th</sup> Feb, 2019.

**Paper presented in conference/Seminars:**

- Presented paper in National seminar on “Recent trends in Natural Radionuclides and Material Sciences” entitled on “**Role of Soil carbon sequestration in climate change and impact on plant nutrition**” organized by Guru Kashi University, Talwandi Sabo in collaboration with Nuclear track society of India, Central university of Punjab and Save the environment, NGO, on 5<sup>th</sup> to 7<sup>th</sup> March 2025.
- Presented paper in International Conference “Current Innovation and Technology Advances in Agriculture and Allied Sciences (CITAAS-2024), entitled “**Heterosis and combining ability analysis in Indian Mustard (*Brassica juncea*)**”, Organized by Faculty of Agriculture & Just Agriculture Education Group & ISASTR, at Guru Kashi University, Talwandi Sabo, on 29-31 August, 2024.

**Workshops / Trainings:**

- Attended 7 days International Training cum Workshop on **Agricultural Research, and Skill Development for Nations Growth**, Organized by SGT University, Gurugram, AFTEFS, Kota & Vital Biotech Education Group on 06-12 March, 2024.
- Attended one-week **NEP Orientation & sensitization Program** offered by Malviya Mission Teacher Training Centre (MMTTC), HNB Ghrhwal University on 11-22 March, 2024.
- Attended one-week **NEP Orientation & sensitization Program** offered by Malviya Mission Teacher Training Centre (MMTTC), HNB Garhwal University on 19-30<sup>th</sup> May, 2024.

#### **Faculty development programs:**

- Attended 6- Day Faculty Development Programme on “ Enhancing Pedagogy and research in Agricultural sciences” organized by the school of Agricultural Sciences and internal quality Assurance cell, K.R Mangalam University, Haryana, India from 7<sup>th</sup> – 12<sup>th</sup> April 2025.
- Attended one-week **Faculty Development & enrichment program** on Indian Knowledge System in contemporary education & practices offered by Vidyalandkar Polytechnic Mumbai on 26-30 March, 2024.

#### **Publications: -**

#### **Research Articles:**

- Pupnej S., Singh B., Kaur V., Sharma P., and Kaur R., **Effect of PSB seed inoculation and phosphorus levels on growth and productivity of mung bean (*Vigna radiata* L.)**, International Journal of Research in Agronomy 2025; 8(5): 22-26 , E-ISSN: 2618-0618 P-ISSN: 2618-060X.
- Singh A., Kaur R., Grover J., Singh S. R., Yadav M.C., Singh B., Singh N., Kumar A., Singh G., Singh A., Saini p., Verma P., **2025 Nanotechnology’s enhancing bioavailability of fertilizers in agricultural crops.** *Journal of Neonatal Surgery*. ISSN: 222-0439 (Online); (ISSN-L); 2226-0439.

- Singh N., Singh G., and Kaur R., **Response of NPK on onion (*Allium cepa* L.) yield.** **Journal of Advances in Biology and Biotechnology.** Vol 8, issue 2, pp 602-605, 2025 Article no. JABB 131115. ISSN:2394-1081. <https://doi.org/10.9734/jabb/2025/v28i22019>
- Singh B., Kaur R., **Climates influence on the resilient neem plant,** **International Journal of Agriculture and Food Science** 2025; 7(1): 38-42, DOI: <https://doi.org/10.33545/2664844X.2025.v7.i1a.236>
- Sran L, Singh B and Kaur R, **Effect of irrigation stress and nitrogen levels on growth yield and economics of wheat (*Triticum aestivum* L.),** *Eco. Env. & Cons.* 31 (January Suppl. Issue): 2025; pp. (S308-S317) Copyright @ EM International, ISSN 0971-765X.
- Kaur R, and Kaur B, **Correlation for seed yield and yield attributes in Mungbean, 2023 (*Vigna radiata* L., wilczek),** Symposium Book Chapter, PAU, Ludhiana, pp-199-200.
- Kaur, R, Kumar, R., Kaur, S., and H. Singh, 2019, **combining ability analysis for yield and yield attributes in Indian mustard [*Brassica juncea* (L.) Czern & Coss.],** *Electronic Journal of Plant breeding*, 10(2): 778-784 (ISSN 0975-928X).
- Kumar, R., Kaur, R., and L. Kaur, 2019, **Genetic variation for yield characters of F1 hybrids in Indian mustard (*Brassica juncea* L.),** *Journal of oilseed Brassica*, 10 (2): 117-121.
- Kaur R., and Kumar R., **Trait association and diversity in exotic lines of Indian Mustard (*Brassica juncea* (L.) Czern & Coss ,***Journal of Oilseed Brassica* (2018) 0976-1454,53-58.
- Singh, H., Kumar, R., Kaur, S., Singh, I., and Kaur, R., 2019, **Genetic Analysis of Indian mustard for yield by calculating Heterosis and Combining ability,***Journal of Agricultural Sciences*, 10 (1-2): 1-12 (ISSN 2456-6533).
- Kumar, R. Singh, H., Kaur, S., Singh, I., and Kaur, R., 2017, **Quantitative analysis for yield and its components in IC lines of Indian mustard [*Brassica juncea* (L.) Czern&Coss.]** *Journal of Pharmacognosy and Phytochemistry*, 6(5): 2257-2260.

#### **Review Articles:**

- Kumar A., Singh N., and Kaur R., **Intellectual Property rights and the welfare effects on agriculture research : A Review.** *Annals of Plant Sciences*, ISSN: 2287-688X, Vol 14, Issue 04 (2025) pp. 6793-6831.

- Singh A., Kaur R., Grover J., Singh S. R., Yadav M.C., Singh B., Singh N., Kumar A., Singh G., Singh A., Saini p., Verma P., 2025.**Effect of Nano- particles on plant growth and their applications in agriculture: A Review.** *Annals of Plant Sciences*, ISSN: 2287-688X, Vol 14, Issue 04 (2025) pp. 6735-6774.
- Singh B., Kumar S., Kaur R., Chahal A., and Singh N., **Impact of residue incorporation on the physical, biological and chemical properties of soil: A review.** *Progressive Research : An International Journal*, Vol 20 (Special-1) : 120-124 (January-2025), Print ISSN : 0973-6417, Online ISSN : 2454-600.
- Singh P., Kaur R., Singh G., and Kaur R., **A review : Role of Soil carbon sequestration in climate change and impact on plant nutrition.** *International journal of research publication and reviews*. ISSN 2582-7421, Vol 6, no 1, pp 497-503, Jan 2025.
- **Kaur R. and Singh B. A Review: Genetic improvement in tolerance to abiotic stresses in Maize (*Zea mays* L.) with effects, resistance mechanism and management,** *International Journal of Agriculture, Environment and Biotechnology (IJAEB)*, Citation: *IJAEB*: 17(01):01-06, 2024. ISSN-0974-1712, Online ISSN; 2230-73.DOI: 10.30954/0974-1712.
- **Singh B, Singh V and Kaur R, Review the effects of Nutrient combinations on Mustard (*Brassica juncea* L.) growth, yield attributes and yield,** *International Journal of Agriculture, Environment andmBiotechnology (IJAEB)*, Citation: *IJAEB*: 17(01):01-06, 2024. ISSN-0974-1712, Online ISSN; 2230-73.

#### **e-Newsletters & Articles:**

- **Kaur R., Singh B., Singh G., Singh N., and Singh A., Dec 2024, Kitchen Gardening: A Positive Venture, 2024,** *Innovative Agriculture*, Volume-01, Issue- 02. ISSN:3048-989X.
- **Kaur R., Singh B., Singh G., Singh N., and Singh A., Dec 2024, Buzzing Boost: The vital role of Honey Bees in Mustard Pollination,** *Agri Articles*, Vol: 04, Issue: 06, Nov-Dec 2024.

- [illegible]

- **Kaur R. and Singh B and Kaur G., 2025, Manual Fundamentals of Seed Technology,** Crown Publishing, Chandigarh , India, ISBN 978-93-6426-886-8.
- **Kaur R. and Singh B. 2025, Sustainable Dryland Farming for a changing climate.** Advances in Agriculture Sciences (Volume-49), Akinik Publications, New Delhi.
- **Kaur R. and Singh B. 2024, Manual Fundamentals of Plant Breeding,** *Akinik Publications* New Delhi, India, ISBN 978-93-6135-577-6.

- **Singh, B., V. Singh and R. Kaur, 2023, Manual Fundamentals of Agronomy, White Falcon Publishing, Mohali, Punjab, pp:86, ISBN: 979-88-922203-5-4.**

### **Book Chapters**

- Kaur R. and Singh B. 2025, Impact of Injection in cucurbits on yield, quality of pumpkin and human health. Advances in Agriculture Sciences (Volume-49), Akinik Publications, New Delhi.
- Kaur R. and Singh B. 2024, Revolutionizing Agriculture: The Role of CRISPR-Cas9 in enhancing crop yield and resilience. Current trends in Agriculture & Allied Science, Vol 3, SP Publications, ISBN-978-93-340-0276-8.
- Kaur R. and Singh B. 2024, Pest alert- Beetle attack in cucurbits. Current trends in Agriculture & Allied Science, Vol 3, SP Publications, ISBN978-93-340-0276-8.

### **Awards and Honours:**

- **Got “College Colour” award Certificate** for 2<sup>nd</sup> position in “**M.Sc. Agriculture (Genetics and Plant breeding)**”, conducted by Mata Gujri (Autonomous) College, Sri Fatehgarh Sahib, Punjab (2019).
- **Got Gurukul Race India -2019 Award Certificate for Academic Leadership** on the occasion of 2<sup>nd</sup> International Award Conference on Research, Analyze, Communicate and evaluate on 14<sup>th</sup> April 2019 at The International Centre Goa, Panjim (India).
- **Got First aid Training Certificate** from St. John Ambulance (India), Indian Red Cross Society, New Delhi (2019).
- **Got appreciation letter** from Dean, FoA for work done during ICAR accreditation, 2019.
- **Got certificate of honour** for outstanding contribution towards “**Innovative Practices**” organized by Internal Quality Assurance Cell, Guru Kashi University, Talwandi Sabo on Oct. 22, 2021.
- **Got Emerging Teacher Award**, organized by, Guru Kashi University, Talwandi Sabo on Jan 1<sup>st</sup>, 2022.



- **Achieved best paper presentation** award on International Conference “Current Innovation and Technology Advances in Agriculture and Allied Sciences (CITAAS-2024), Organized by Faculty of Agriculture & Just Agriculture Education Group & ISASTR, at Guru Kashi University, Talwandi Sabo, on 29-31 August, 2024.
- **Appreciated by the Skill development** centre Guru Kashi University, Talwandi Sabo for a trainer of skill development programme on “Agri-Clinic and Agri Business Management during January 2024-June 2024.

**Personal skills and Activities: -**

- Strong passion for selling, motivating team leader, strategic thinking, future analysis, ability to communicate with others efficiently, flexibility and adaptability.
- Worked as a member of the team for admission drive/ publicity duty during 2019-20
- Working as a Member of Cultural Programme Committee of FoA, in GKU.
- Appointed official representative of NAAC committee of GKU since 2017 and achieved accreditation in 2023.
- Member of academic ambience committee of GKU, played active role in ICAR inspections for obtaining accreditation in 2019.

**Strength: -**

- Highly motivated dependable troubleshooter and problem-solver.
- Excellent communicator and good listener.
- Enthusiastic learner who quickly grasps concepts and technical skills.
- Self –confidence, keenness of work, awareness for responsibilities.
- Curious to learn new things and punctual.

**Declaration: -**

I hereby declare by that all the information given by me are true and correct to the best of my knowledge and behalf.

Dated: 31/05/2025

(Ms. Ramandeep Kaur)

