

## Brief CVs of the Faculty



# GURSHARAN SINGH

### Dean

School of Agricultural Sciences & Technology  
RIMT University

Mandi Gobindgarh (Punjab)

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### EDUCATION

- Ph.D in Entomology from Punjab Agricultural University, Ludhiana (First Division)
- M.Sc in Entomology from Punjab Agricultural University, Ludhiana (First Division)
- B.Sc in Medical from D A V College, Jalandhar (GNDU, Amritsar) (First Division)
- Matric from H R Arya High School, Garhshankar (PSEB) (First Division/Merit)

### ADMINISTRATIVE EXPERIENCE

(at Punjab Agricultural University, Ludhiana)

- Dean of Postgraduate Studies w e f November 22, 2010 to February 25, 2015
- Coordinator of Postgraduate Studies w e f May 28, 2008 to November 21, 2010
- Director Consultancy w e f November 22 to February 25, 2015
- Chairman of Investment Committee w e f November 22, 2010 to December 20, 2013
- Chairman of Deans' Committee w e f November 22, 2010 to February 25, 2015
- Chairman of House Allotment Committee w e f November 22, 2010 to Feb. 25, 2015
- Head, Department of Extension Education w e f January 15, 2014 to May 27, 2014
- Principal Investigator of ICAR-funded Research Project w e f 2004 to 2007
- Co-Principal Investigator of USDA/USAID funded Tri-lateral Project w e f 2012 to 2014

*IN ADDITION, FOLLOWING ADMINISTRATIVE DUTIES WERE ALSO PERFORMED*

- Institutional Coordinator for Accreditation of the PAU and main compiler of the Self Study Report of the University.
- Chairman of Resident Instruction Committee
- Chairman of Postgraduate Committee
- Chairman of Editorial Board, Resident Instruction Bulletin
- Chairman PAU Science Club
- Chairman of the University Synopsis Approval Committee

- Chairman of Selection Committee for admission to PG programmes
- Chairman for organising events/functions for celebrating Golden Jubilee of the PAU
- Nodal Officer of ICAR (Indian Council of Agricultural Research) Schemes
- Nodal Officer of various national and international MoUs relating to education
- Represented Vice Chancellor of PAU at national level Vice Chancellors' Conferences

## SELECTED ACHEIVEMENTS IN EDUCATION

- Four new schools were established in area of emerging interest i.e. Climate Change, Biotechnology, Information Technology and Business Management
- Seventeen new teaching programmes started; students' enrolment doubled
- Facilitated admission of International students; their enrolment increased by 8-folds
- Motivation of PG students led to filing of 14 patents from their research, in 5 years
- Enhanced collaborative research by adding international scientists on the Advisory Committees of postgraduate students, as co-guides
- As Institutional Coordinator, facilitated Accreditation of PAU for the full term of 5 years for all the teaching programmes in its four constituent colleges
- To make the students 'Job providers rather than Job seekers', facilitated establishment of Experiential Learning Units in all constituent colleges of the PAU
- Resident Instruction Bulletin was compiled following exhaustive curricula revision
- Coordinated national and international educational programmes
- Generated resources worth Rs. 56 crores through income from self-supporting courses, funds from ICAR, New Delhi and Trilateral project (India-USA-Kenya) etc.

## INTERNATIONAL RECOGNITION

- Selected for 'Fulbright-Nehru International Education Administrators Fellowship' by Council for International Exchange of Scholars, USA (2012)
- Represented India in the 'Workshop on Raising Productivity in Higher Education' by Asian Productivity Organization, Japan (2013)
- Nominated Team Leader and Co-Principal Investigator for Trilateral Programme (Punjab Agricultural University, Ohio State University, USA; Egerton University, Kenya) for Food Security in Kenya, funded by USDA/USAID, USA (2012- 2014)
- Nominated Member of International Association for the Plant Protection Sciences (2007)
- Nominated Regional Coordinator for India and South Asia by the Organisers of 5<sup>th</sup> International Bemisia Workshop, held in China (2009)
- Honoured with Dr Muhammad Yunus Award by Pakistan Entomological Society, Pakistan (2004)
- Coordinator/facilitator for the international educational programmes at Kansas State University, and Washington State University, USA (2011 – 2015)

## Dr Harmit Singh Thind

Designation: Professor (Soil Science)

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### Education:

Ph.D. (Soil Science), 1991, The University of Reading, Reading, U.K.

M.Sc. (Soil Science), 1980, OGPA 3.98/4.00, Punjab Agricultural University, Ludhiana

B.Sc. Agric (Hons), 1977, OGPA 3.74/ 4.00, Punjab Agricultural University, Ludhiana

### Professional:

2016-2017 Professor of Soil Science, Khalsa University, Amritsar

2014-2016 Head, Department of Soil Science, PAU, Ludhiana

1982-2014 Assistant/ Senior Soil Scientist, Department of Soil Science, PAU, Ludhiana

### Honours and Awards:

Fellowship of Indian Society of Soil Science (ISSS) - 2016.

Fellowship of National Academy of Agricultural Sciences (NAAS) - 2015.

Awarded PAU Plaque and Merit Certificate for Outstanding Work in Research, Teaching and Extension for the Year 2012-13.

Awarded Commonwealth Scholarship by Commonwealth Scholarship Commission in U.K. for Ph.D. at The University of Reading, Reading, U.K. (1988-91).

### Selected research publications

1. Thind H S, Yadvinder-Singh, Sharma S, Varinderpal-Singh, Sran H S and Bijay-Singh (2017) Phosphorus fertilizer potential of bagasse ash and rice husk ash in wheat-rice system on alkaline loamy sand soil. *Journal of Agricultural Science, Cambridge* 155: 465-474.
2. Thind H S, Yadvinder-Singh, Sharma Sandeep, Goyal Deepak, Varinderpal-Singh and Bijay-Singh (2017) Optimal rate and schedule of nitrogen fertilizer application for enhanced yield and nitrogen use efficiency in dry-seeded rice in north-western India. *Archives of Agronomy and Soil Science*. 64: 196-207.
3. Thind H S, Yadvinder-Singh, Bijay-Singh, Varinderpal-Singh, Sharma S, Vashistha M and Gobinder-Singh (2012) Land application of rice husk ash, bagasse ash and coal fly ash: Effects on crop productivity and nutrient uptake in rice-wheat system on an alkaline loamy sand. *Field Crops Research* 135: 137-144.
4. Thind H S, Bijay-Singh, Pannu R P S, Yadvinder-Singh, Varinderpal-Singh, Gupta R K, Vashistha M, Singh J and Ajay-Kumar (2010) Relative performance of neem (*Azadirachta indica*) coated urea vis-à-vis ordinary urea applied to rice on the basis of soil test or following need based nitrogen management using leaf colour chart. *Nutrient Cycling in Agroecosystems* 87: 1-8.
5. Thind H S, Aujla M S and Buttar G S (2008) Response of cotton to various levels of nitrogen and water applied to normal and paired sown cotton under drip irrigation in relation to check-basin. *Agricultural Water Management* 95: 25-34.

## **Dr. Praneet Chauhan**

**Designation:** Assistant Professor (Plant Pathology)

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**Education:** B. Sc. (Biotechnology) CGC, Landran, Punjab; M.Sc. (Plant Pathology), Dr YS Parmar UHF, Nauni, Solan (HP); Ph.D. (Plant Pathology), Dr. YS Parmar University of Horticulture & Forestry, Nauni, Solan (HP)

**Field of Specialization:** Plant Pathology

**Research Interests:** Mushroom Production, Spawn Production, Detection and Diagnosis of Plant Diseases

### **Selected Research Publications:**

1. **Chauhan P** and Gupta D. 2015. Bioconversion of low quality lignocellulosic agricultural waste into edible protein by *Pleurotus djamor* (Rumph) Boedijn. *International Journal of Bioresource and Stress Management* **6**(1): 135-139. **NAAS -4.65**
2. Raj H, **Chauhan P** and Chandel S. 2016. Integrated management of carnation wilt caused by *Fusarium oxysporum* f. sp. *dianthi* using soil solarization and soil amendments. *Indian Phytopathology* **69** (4) : 396-399. **NAAS -5.90**
3. **Chauhan P** and Gupta D. 2017. Effect of different grain substrates on spawn growth and productivity of *Pleurotus djamor*. *International Journal of Farm Sciences* **7**(3): 125-128. **NAAS- 4.01**
4. **Chauhan P** and Gupta D. 2017. Impact of varying light duration on radial growth of pink oyster mushroom. *International Journal of Current Microbiology and Applied Sciences* **6**(11): 368-371. **NAAS-5.38**
5. **Chauhan P** and Chandel S. 2018. Role of modelling in plant disease management. *International Journal of Plant Protection* **11**(1): 109-119. **NAAS- 4.59**



**Dr. Neha Thakur**

**Designation:** Assistant Professor (Seed Science and Technology)

**Contact:** +91-8217894742

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**Education:** B.Sc. Hons. in Horticulture, Dr Y.S. Parmar, UHF, Nauni, Solan; M.Sc. (Agri.) in Seed Science and Technology, Dr Y.S. Parmar, UHF, Nauni, Solan; Ph.D. (Agri.) in Seed Science and Technology University of Agricultural Sciences, Raichur, Karnataka

**Field of Specialization:** Seed Science and Technology

**Research Interests:** Hybrid seed production in vegetable crops, molecular techniques in identification and characterisation of genotypes

**Research Publications:**

1. **Thakur, N.**, Kanwar, H. S. and Mehta, D. K. 2018. Studies on influence of stage of harvest and postharvest ripening of fruits on seed yield and quality in cucumber (*Cucumis sativus* L). *Int .J. Farm Sci.* 8(2): 28-32. **NAAS - 4.01**



**Dr. Pushpendra Verty**

**Designation :** Assistant Professor (Horticulture)

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**Education:** B.Sc. (Agriculture) RBS college Bichpuri, Agra, Uttar Pradesh; M.Sc. Agriculture, Horticulture (Floriculture & Landscaping), Sam Higginbottom Institute of Agriculture Technology and Sciences, Allahabad (U.P), India; Ph.D. Horticulture (Floriculture & Landscaping), Sam Higginbottom University of Agriculture Technology and Sciences, Allahabad (U. P), India.

**Field of Specialization:** Horticulture (Floriculture & Landscaping).

**Research Interests:** Gladiolus Production, Rose Production, Ornamental plants, and Turf Management.

**Selected Research Publication**

- 1. Verty Pushpendra** and Collis, J.P . 2014. Effect of Plant Growth Regulators on growth, flowering and yield of Damask Rose (*Rosa damascena* Mill.) *The Allahabad Farmer*, Vol. LXIX, No.2:155-159. **NAAS – 3.56**
- 2. Sao Bharti ,Verty Pushpendra** and Singh Devi .2016. Effect of different concentration levels of NPK on growth, flowering and yield of tuberose (*Polianthes tuberosa* L.) Cv. Shrinigar. *International Journal of Agriculture Sciences* , **57** (8) : 3137-3140. **NAAS - 4.20**
- 3. Verty Pushpendra**, Prasad V. M , Collis J . P and Nazir Manoj . 2017. Genetic variability for some Quantitative characters in Gladiolus (*Gladiolus grandiflorus* L.) *International Journal of Current Microbiology and Applied Sciences* **6** (9): 750 - 754. **NAAS –5.38**
- 4. Verty Pushpendra**, Prasad V. M, Collis J.P and Nazir Manoj. 2017. Correlation analysis in Gladiolus (*Gladiolus grandiflorus* L.) *International Journal of Current Microbiology and Applied Sciences* **6** (9) :743-749. **NAAS –5.38**



**Dr. Anurag Bajpay**

**Designation:** Assistant Professor (Horticulture)

**Contact :** 9648227959

**Email:** anuragbajpai850@gmail.com

**Education:** B. Sc. (Agriculture) from CSJM University, Kanpur; M.Sc. (Ag.) Horticulture from CSJM University, Kanpur (Gold medal); Ph. D. (Horticulture) from Babasaheb Bhimrao Ambedkar University, Lucknow

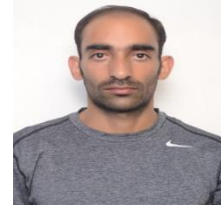
**Field of Specialization:** Horticulture

**Research Interests:** Application of mutation breeding in horticultural crops and development of novel mutants. Cytogenetic and anatomical studies upon irradiation. Landscaping, Bonsai creation and tissue culture.

**Publications:**

1. **Bajpay A.**, Pandey A.K., Yadav M.P. and Gangwar Amit (2015). Effect of organic manures and inorganic fertilizers on growth and flowering in gladiolus cv. Tiger Flame. *Progressive Horticulture*, (47): 452-454. **NAAS- 3.53.**
2. Kumar Yatendra, Dwivedi H Deepa , **Bajpay A.** (2017). Enhancing the Vase Life of Rose (*Rosa hybrid* L.) cv First Red Through Different Holding Solutions. *Environment & Ecology*, 35(4) :2764-2768. **NAAS- 4.18.**
3. **Bajpay A.**, and Dwivedi D.H. (2017). Effect of Vase Solutions and Gamma Radiation on Vase Life of Chrysanthemum (*Chrysanthemum morifolium* R.) cv. Vasantika In:*International Journal of Pure and Applied Bioscience*, **5 (3): 522-529. NAAS- 4.74.**
4. **Bajpay A.** and Dwivedi D.H. (2017). Effect of holding solution and gamma radiation on vase life of chrysanthemum (*Chrysanthemum morifolium* R.) *Progressive Horticulture*. Vol. 49 (2)168-172. **NAAS- 3.53.**
5. **Bajpay A.** and Dwivedi D.H. (2018) Effect of Holding Solution and Gamma Radiation on Flower Longevity of Chrysanthemum (*Dendranthema grandiflora* R.) cv Little Pink.*International Journal of Pure and Applied Bioscience*, Vol. 6 (1): 1133-1138. **NAAS- 4.74.**
6. **Bajpay A.**, R.C. Nainwal, D. Singh and S.K. Tewari, (2018) Medicinal value of *Cyperus rotundus* Linn: An updated review. *Medicinal Plants*, **Vol. 10 (3)**, 165-170. **NAAS- 5.12.**

**Mr Mohd Ashaq**



**Designation:** Assistant Professor (Fruit Science)

**Contact:** + 91- 8091794713

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**Education:** B.Sc. (Horticulture), Sher-e-Kashmir University of Agriculture Science and Technology- Kashmir. M.Sc. Horticulture (Fruit Science), V. C. S. G Uttarakhand University of Horticulture and Forestry, Bharsar, Pauri Garhwal, India; Qualified ASRB (ICAR) NET.

**Field of Specialization:** Fruit Science

**Research interest:** Fruit Tree Nutrition and Plant Propagation

**Research publications:**

1. **Aashiq M**, Negi M and Nautiyal BP. 2017. Effect of zinc and boron application on fruit set, quality and yield of apple cv. Red Delicious. *Journal of Hill Agriculture* 8(2): 246-249. **NAAS-4.94**
2. **Kuchay M.A**, Mallikarjuna K and and Ali MA. 2018. Effect of foliar sprays of nitrogen and calcium on fruit quality attributes, yield and leaf nutrient content of apple. *International Journal of Pure and Applied Biosciences* 6 (6): 970-977. **NAAS- 4.74**



## **Jaykrit Singh**

**Designation:** Assistant Professor (Agronomy)

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**Academic Qualification:** B.Sc. (Ag.) HNBGU, UK; M.Sc.(Ag.) Agronomy, Sam Higginbottom Institute of Agriculture, Technology and Sciences, Allahabad; Qualified Agriculture Scientist Recruitment Board (ASRB) NET in Agronomy

**Field of Specialization:** Agronomy

**Research Interests:** Agriculture (Agronomy) related field, Research, Development and Extension

### **List of Publications**

1. **Singh Jaykrit**, Abraham T., Simon S., Pankaj V.D. and Pandey S. 2014. Effect of methods of planting, genotype options and nutrient management on agronomic traits of rainfed rice in the context of climate change AEZ-6 of FAO. *New Agriculturist*, **25**(2): 211-217. **NAAS - 4.26**
2. Nagar G., Abraham T., **S. Jaykrit** and Singh R.M. 2014. Agronomic response of soybean (*Glycine max* L. Merrill) cultivars to different nutrient formulations under organic farming system. *Journal of Agriculture Research and Technology*, 39(3): 490-492. **NAAS -4.18**
3. Kumari S., **Singh Jaykrit** and Masih Harison 2015. Isolation and identification of free living nitrogen fixer and phosphobacteria from the partial flood affected area of Bihar and its effect on growth and yield of paddy (*Oryza sativa* L.). *Res. Environ. Life Sci.*, 8(1): 83-86. **NAAS -3.74**
4. Kumari S., **Singh Jaykrit**, Masih Harison Singh S.N. and Pandey R.K. 2016. Screening of most efficient rhizobium isolated from root nodules of legumes of different agro climatic zones of Bihar *Res. Environ. Life Sci.*, 9(2): 237-240. **NAAS -3.74**



**Ms. Navjot Kaur**

**Designation:** Assistant Professor (Entomology)

**Contact:** +91-9814295784

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**Education:** B. Sc. Agriculture (Hons.) P.A.U, Ludhiana, Punjab; M.Sc. (Entomology), P.A.U, Ludhiana, Punjab. Qualified ICAR NET in Agricultural Entomology.

**Field of Specialization:** Agricultural Entomology

**Research Interests:** Seasonal Incidence of Phytophagous mites on citrus, Biology of *T.urticae* on citrus.

**Selected Research Publications:**

1. **Kaur N**, Bhullar M and Sharma D.2015. Diversity and seasonal incidence of mites on citrus. *Journal of Insect Science* **28**: 284-289.
2. **Kaur N**, Bhullar M and Kaur P. 2015. Biology of two-spotted mite, *Tetranychus urticae* Koch (Acari: Tetranychidae) and it's feeding preference on citrus. *Journal of Insect Science* **28**: 330-337.

**Jasbir Dhaliwal**

**Designation:** Assistant Professor (Agronomy)

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**Academic Qualification:** B.Sc. (Ag.) PAU Ludhiana; M.Sc.(Ag.) Agronomy, PAU Ludhiana

**Field of Specialization:** Agronomy

**Research Interests:** Agriculture (Agronomy) related field, Research, Development and Extension



**Mrs Jyoti Gulati**

Assistant Professor (Economics )

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**Designation:**

**Education:** B.Com (Hons) Punjabi University Patiala, ; M.B.E (Masters of Business Economics)

**Field of Specialization:** Economics, HR, Marketing

**Selected Research Publications:** Nil

**Dr. Amarjeet Kaur**

**Designation:** Professor (Nutrition & Dietetics)

**Contact:** 9417219124

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**Education:** B.Sc Home Science from Lady Irwin College, Delhi University. M.Sc Home Science with specialization in Child development and family relations from Sri Avinaslingarm Home Science College, Coimbatore, University of Madras. Ph.D in Home Science (Child Development) from Punjab University in 2000.

**Field of Specialization:** Child Development / Nutrition & Dietetics

**Research Interests:** Child Development / Nutrition & Dietetics

**Selected Publications:** Authored a book **Sex and Adolescence**. Co-Authored a book in Home Science covering **Child Development and Food & Nutrition**.

**Dr. Naseer Ahmed**

**Designation:** Assistant Professor (Food Science and Technology)

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**Education:** B. Sc. (Agriculture) SKUAST-Jammu, Jammu and Kashmir; M.Sc. (Food Science and Technology), SKUAST-Jammu, Jammu and Kashmir India; Ph.D. (Food Science and Technology), CCS Haryana Agricultural University-Hisar, India; Qualified ICAR NET/GATE in Food Science and Technology.

**Field of Specialization:** Food Science and Technology, Dairy Technology and Post Harvest Technology

**Research Interests:** Fruit and Vegetables, Cereal and Pulse protein, Value addition and Beverages.

**Selected Research Publications:**

1. Naseer Ahmed, Jagmohan Singh and Rajkumari Kaul,2014. Effect of Drying Methods on Organoleptic Evaluation of Peach Cultivars during Storage. *Indian Journal of Ecology*. **41(2):** 313-315, . **NAAS -4.96**

2. Naseer Ahmed, Jagmohan Singh, Babita, Anisa Malik, Harmeet Chauhan, Harleen Kour, and Prerna Gupta. 2016. Effect of osmo air drying method on nutritional quality of peach (*Prunus persica* (L) batsch.) cultivars during storage. *Journal of Applied and Natural Science*. **8** (3). 1214 - 1218 **NAAS - 4.84**
3. Harleen Kour, Naseer Ahmad, Towseef A Wani, Raj K. Kaul and Anju Bhat 2015. Nanotechnology – New Lifeline for Food Industry. *Critical Reviews in Food Science and Nutrition*. **1**(1): 1-15. **NAAS - 12.08**
4. Naseer Ahmed, Saleem Siddiqui, Rakesh Gehlot, Babita and Simran Arora, 2018 Development of phyto-protein enriched mango ready to serve beverage *International Journal of Chemical Studies*, 1144-1148. **NAAS-5.38**
5. Jagmohan Singh, Naseer Ahmed\*, Vikas Sharma and Babita, 2016. Evaluation of Minor Fruits From Jammu Region for Possible Antioxidant Role and Vitamin C, *Indian Journal of Ecology*, **43** (2): 888-890, **NAAS- 4.96**



**Er. Sugandha Angiras**

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**Education:** B. Tech. (Food Technology) Shoolini University, Solan, Himachal Pradesh; M. Tech. (Food Technology) Shoolini University, Solan, Himachal Pradesh, India.

**Field of Specialization:** Food Technology

**Research Interests:** Fruits & Vegetables, Dairy & Bakery

**Ms. Kiranjot kaur**

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**Education:** B. Sc. (Biotechnology), Khalsa College for Women, Ludhiana; M.Sc. (Microbial and Food Technology), Punjabi University, Patiala.

**Field of Specialization:** Microbial and Food Technology

**Research Interests:** Food Preservation, Cereal technology, Fruits and Vegetable Technology

**Ms. Navdeep Kaur**



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**Education:** M.Sc. (Food Technology) Guru Nanak Dev University, Amritsar, B.Sc. (Food Science & Technology Hons.) Khalsa College, Amritsar.

**Research Interests:** Preservation of fruits & vegetables, Food plant hygiene and sanitation, Quality Control.