

## Curriculum Vitae

**Full Name** Dr. Khulakpam Naseeruddin Shah

**Designation** Assistant Professor

**Department** Horticulture

**Campus** Chauras Campus

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**Education Qualification**

- B.Sc. Agriculture (2009), HNB Garhwal University, Srinagar (Garhwal) Uttarakhand
- M. Sc. Horticulture (2011), HNB Garhwal University, Srinagar (Garhwal), Uttarakhand
- Doctor of Philosophy in Horticulture (2018), HNB Garhwal University, Srinagar (Garhwal), Uttarakhand

**Teaching Experience** 6 Years

**Research Experience** 6 Years

### Areas of Interest/ Specialization

1. Horticulture
2. Vegetable Science

### Honours & Awards

1. **Young Scientist Award**, 2017-18 in 12<sup>th</sup> Uttarakhand State Science and Technology Congress, Dehradun, Uttarakhand.

### M.Sc. Research Supervision : 11

#### Extra Activities

1. Exam invigilator H.N.B. Garhwal University, Srinagar (Garhwal) Uttarakhand, from 2017 to 2020
2. Examiner in Central Evaluation, odd semester 2017-2018, H.N.B. Garhwal University, Srinagar (Garhwal) Uttarakhand
3. Polling officer in student election duty 2018, H.N.B. Garhwal University, Srinagar (Garhwal) Uttarakhand
4. External examiner for practical examination in affiliated institute, Dehradun from 2018-2020
5. Paper setting for B.Sc. and M.Sc. semester examination from 2017 to 2019, H.N.B. Garhwal University, Srinagar (Garhwal) Uttarakhand
6. Admission committee member 2018 for M.Sc. Counselling, Department of Horticulture, H.N.B. Garhwal University, Srinagar (Garhwal) Uttarakhand
7. Delivered lecture at Aodhagic Prashished Kendra, Srinagar Garhwal, Uttarakhand on Insect pest management and scientific cultivation of vegetable crops
8. Delivered lecture and field demonstration of Horticultural Research Centre, Department of Horticulture, HNB Garhwal University, in INSPIRE Programme
9. Four weeks Entrepreneurship Development Programme on Food Processing Industries for Senapati District, Manipur Organized by The Association of Food Scientists and Technology (India), Manipur Chapter in Association with KVK-Sylvan, Hengbung, Senapati District, Manipur

## **Conference/Symposium/Workshop Attended**

### **International**

1. Paper presented on International conference on Impact of technological tools on food security under global warming scenario, HiTech Horticultural Society, Meerut, UP, May 11-12, 2013
2. Paper presented on International conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development (ABCD-2017), Agricultural Technology Development Society (ATDS) Ghaziabad, UP, October 27-28, 2017
3. Paper presented on International conference on Conservation and Management of Agricultural and Natural Resources: Strategies for Food Security in Developing Countries, Career Point University, Kota, November 8-9, 2017
4. Paper presented on International Seminar on The Himalaya Challenge: Towards Interdisciplinary Dialogues for Sustainability and Development, Sri Dev Suman Uttarakhand University, Badshahithul, Tehri Garhwal, November 29<sup>th</sup> - December 1<sup>st</sup>, 2017

### **National**

1. Attended Workshop on Applied Statistical Methods (ASM) in Research, Department of F&NR, HNBGU, Srinagar, 15-16 March, 2013
2. Paper presented on National Seminar on CCRBDECISSD, Department of Geography, HNB Garhwal University, Srinagar, 28-30 October, 2015
3. Paper presented on National Seminar on Crop Diversity and Entrepreneurship development in Himalayan Environment, Department of Botany, RCU Government PG College, Uttarkashi, 29<sup>th</sup> September-1<sup>st</sup> October, 2016
4. Attended Workshop on Popularization of Remote Sensing Based Maps & Geospatial Information, ISRO and ISRS, Department of F&NR, HNBGU, Srinagar, 11 August, 2017
5. Paper Presented on National Conference on Livelihood and Food Security (LFS-2018), Society for Agricultural Innovation & Development, Ranchi & Bihar Animal Sciences University, Patna-14, 27<sup>th</sup>-28<sup>th</sup> January, 2018
6. Paper presented on 12<sup>th</sup> Uttarakhand State Science and Technology Congress 2017-18, Uttarakhand State Council for Science and Tehcnology, Vigyan Dham, Dehradun, 07<sup>th</sup> – 09<sup>th</sup> March, 2018
7. Paper Presented on National Conference on Perspective in Natural and Applied Sciences (PNAS), Uttaranchal (PG) College of Biomedical Sciences and Hospital, Dehradun-9-10<sup>th</sup> March, 2018.
8. Attended Workshop on Laboratory Biosafety Protocols, Department of Zoology and Biotechnology, HNB Garhwal University, Srinagar, 24 April, 2018

### Total Number of Research Publications: 32

1. **Naseeruddin, K.**; Pant, S.C.; Tomar, Y.K. and Rana, D.K. 2011. Genetic variability and selection parameters for different genotypes of radish (*Raphanus sativus* L.) under valley condition of Uttarakhand. *Prog. Hort.*,**43(2)**: 256-258.
2. Bhandari, I.S.; Rana, D.K.; Rawat, S.S. and **Naseeruddin, K.** 2013. Effect of micro nutrients on growth, yield and quality of garlic (*Allium sativum* L.). *Prog. Res.*, **8**: 798-801.
3. Singh, Y.; Rana, D.K.; Rawat, S.S. and **Naseeruddin, K.** 2013. Effects of various organic manures on growth, yield and quality of cabbage (*Brassica oleracea* var. *capitata*) cv. Golden Acre. *Prog. Res.*, **8**: 890-892.
4. **Naseeruddin, K.**; Singh, V and Rana, D.K. 2014. Performance of different radish (*Raphanus sativus* L.) varieties suitable under Garhwal Himalaya region. *Weekly Sci. Res. J.*, **2(12)**: 1-3.
5. **Naseeruddin, K.**; Singh, V.; Pant, S.C. and Rana, D.K. 2014. Genetic divergence in radish (*Raphanus sativus* L.) grown under valley conditions of Garhwal Himalaya. *J. Hill Agri.*,**5 (2)**: 203-206.
6. Singh, V.; **Naseeruddin, K.** and Rana, D.K. 2014. Genetic variability of tomato genotypes for yield and other horticultural traits. *J. Hill Agri.*,**5(2)**: 186-189.
7. Singh, V.; **Naseeruddin, K.** and Rana, D.K. 2014. Phenotypic evaluation of tomato genotypes suitable for sub tropical conditions. *Sci. Park Res. J.*,**2(17)**: 1-3.
8. Singh, V.; **Shah, K.N.** and Rana, D.K. 2015. Medicinal importance of unexploited vegetable under North Eastern regions of India. *J. Med. Plants Studies*,**3(3)**: 33-36.
9. Singh, V.; **Shah, K.N.** and Rana, D.K. 2015. Performance of pea (*Pisum sativum* L.) genotypes under valley condition of Garhwal Himalayan region. *HortFlora Res. Spec.*,**4(2)**: 164-167.
10. Kumar, P.; Rana, D.K.; Singh, V. and **Naseeruddin, K.** 2015. Effect of humic acid on growth, yield and quality of okra [*Abelmoschus esculentus* (L.) Moench] cv. Arka Anamika under subtropical conditions of Garhwal Himalaya. *Intr. J. Inno. Res. Sci. & Tech.*,**1(8)**: 151-153.
11. **Khulakpam, N.S.**; Singh, V. and Rana, D.K. 2015. Medicinal importance of cucurbitaceous crops. *Int. Res. J. Bio. Sci.*,**4(6)**:1-3.
12. **Shah, K.N.**; Singh, V. and Rana, D. K. 2016. Role of integrated nutrients management on growth, yield and quality of tomato under Garhwal Hills. *HortFlora Res. Spec.*, **5(4)**: 339-341.
13. Singh, V.; **Naseeruddin, K.** and Rana, D.K. 2016. Effect of organic manures on growth, yield and quality of radish (*Raphanus sativus* L.) cv. Pusa Desi. *HortFlora Res. Spec.*,**5(2)**: 129-133.
14. Singh, V.; **Shah, K.N.** and Rana, D.K. 2016. Combined effect of organic manures and bio-fertilizers on growth and yield of broccoli under Garhwal Himalayan region. *HortFlora Res. Spec.*,**5(4)**: 345-347.

15. Singh, V.; **Shah, K.N.** and Rana, D.K. 2016. Morphological performance of pea (*Pisum sativum* L.) genotypes under valley condition of Garhwal Himalaya region. *Env. & Eco.*, **34(3)**: 854-857.
16. Singh, V.; **Shah, K.N.** and Rana, D.K. 2016. Performance of different bitter gourd (*Momordica charantia* L.) strain for growth, yield and quality traits under Garhwal Hills. *Plant Arch.*, **16(2)**: 815-820.
17. **Shah, K.N.**; Rana, D.K. and Singh, V. 2016. Evaluation of different cucumber strain for various horticultural traits under valley condition of Garhwal Himalaya. *J. Plant Dev. Sci.*, **8(12)**: 599-603.
18. **Shah, K.N.**; Singh, V. and Rana, D. K. 2016. Effect of inorganic and organic manures on growth, yield and quality of onion cv. 'Pusa Madhvi' under valley condition of Garhwal Himalaya. *HortFlora Res. Spec.*, **5(3)**: 233-237.
19. **Shah, K.N.**; Rana, D.K. and Singh, V. 2017. Estimation of genetic variability for quantitative and qualitative traits in cucumber (*Cucumis sativus* L.) under subtropical conditions of Garhwal Himalaya. *Plant Arch.*, **17(1)**: 28-32.
20. Singh, V.; Rana, D.K. and **Shah, K.N.** 2017. Genetic variability, heritability and genetic advance in some strains of bitter gourd (*Momordica charantia* L.) under subtropical conditions of Garhwal Himalaya. *Plant Arch.*, **17(1)**: 564-568.
21. Sharma, D.; Rana, D.K.; **Shah, K.N.**; Singh, V. and Tanuja. 2017. Effect of various concentrations of bio-regulators and humic acid on growth, yield and quality of French bean (*Phaseolus vulgaris* L.) Cv. Contender under subtropical condition of Garhwal Hills. *Plant Arch.*, **17(1)**: 647-650.
22. **Shah, K.N.**; Rana, D.K. and Singh, V. 2017. Genetic evaluation of cucumber (*Cucumis sativus* L.) strains for different growth yield, quality and seed parameters. *Int. J. Agri. Inv.*, **2(2)**: 130-135
23. **Naseeruddin, K.**; Singh, V.; Pant, S.C. and Rana, D.K. 2018. Association and path correlation studies in radish (*Raphanus sativus* L.) under valley condition of Uttarakhand. *J. Pharmacognosy & Phytochemistry*, **7(1)**: 2298-2302.
24. Kumar, S.; Rana, D.K.; **Shah, K. N.** and Singh, V. 2018. Response of onion (*Allium cepa* L.) cv. pusa red to various organic manures under subtropical condition of Garhwal Himalaya. *J. Pharmacognosy & Phytochemistry*, **7(1)**: 2294-2297.
25. Kumar, M.; Singh, V.; Rana, D.K. and **Shah, K. N.** 2018. Effect of integrated nutrient management on various horticultural traits of knol-khol (*Brassica oleracea* var. *gongylodes*) cv. White Vienna under Garhwal Hills. *J. Pharmacognosy & Phytochemistry*, **7(1)**: 2285-2288.
26. **Shah, K.N.**; Rana, D.K. and Singh, V. 2018. Evaluation of Genetic Variability, Heritability and Genetic Advance in Cucumber (*Cucumis sativus* L.) for Various Quantitative, Qualitative and Seed Characters. *Int. J. Curr. Microbiol. App. Sci.*, **7**: 3296-3303.
27. **Singh, V.**; Rana, D.K. and Shah, K.N. 2018. Correlation and *Per se* Performance Studies in Various Lines of Bitter Gourd (*Momordica charantia* L.) under Garhwal Himalaya Region of Uttarakhand. *Int. J. Curr. Microbiol. App. Sci.*, **7**: 2857-2865.

28. **Shah, K.N.**; Rana, D.K. and Singh, V. 2018. Studies on Genetic Divergence in Cucumber (*Cucumis sativus* L.) under Subtropical Conditions of Garhwal Himalaya. *Int. J. Adv. Sci. Res. Man.*, 1: 39-42.
29. Singh, V.; Rana, D.K. and **Shah, K.N.** 2018. Evaluation of Genetic Diversity in Bitter Gourd (*Momordica charantia* L.) under Subtropical Conditions of Garhwal Himalaya. *Int. J. Adv. Sci. Res. Man.*, 1: 31-34.
30. **Shah, K.N.**; Chaudhary, I.J.; Rana, D.K. Singh, V. 2019. Impact Assessment of Different Organic Manures on Growth, Morphology and Yield of Onion (*Allium cepa* L.) Cultivar. *Asian J. Agric. Res.*, 13(1): 20-27.
31. **Singh, V.**; Rana, D.K.; Shah, K.N. and Chaudhary, I.J. 2019. Assessment of Heritability, Genetic Advancement and Yield of Bitter Gourd Under Garhwal Region. *Plantica*, 3(1): 260-269.
32. **Shah, K.N.**; Chaudhary, I.J.; Rana, D.K. Singh, V. 2019. Growth, yield and quality of knol-khol (*Brassica oleracea* var. *gongyloides*) as affected by fertilizer management. *Fundamental and Applied Agriculture*, 4(3): 959–969.

#### **Popular Article: 2**

1. **Shah, K.N.**, Rana, D.K. and Singh, V. 2015. Khere Ki Adhunik Kheti. *Pahadi kheti badi* 3(1):44-46.
2. Gautam, E, Rana, D.K, **Shah, K.N.**, Singh, K.K, Singh, V. and Vishkarma, G. 2020. Himalayan Mool Ka Sona: Morchella. *Krishik Aradhana*, p-14.

#### **Proceedings Paper: 1**

1. Correlation and path coefficient analysis studies on yield and yield related traits in bitter gourd (*Momordica charantia* L.) under Garhwal Himalaya, **Singh, V.**; **Rana, D.K.** and **Shah, K.N.**, Novel Approaches in Agroecology, Forestry, Horticulture, Aquaculture, Animal Biology and Food Sciences for Sustainable Community Development, 11 November, 2017

#### **Books Chapter: 3**

1. **K. N. Shah**, V. Singh and D.K. Rana. Techniques of Hybrid Seed Production in Cucumber. Innovative Agriculture and Botany, Victoria Publisher, Mandawali, New Delhi, 1: 157-162, 2018,
2. V. Singh, **K. N. Shah** and D.K. Rana. Physiological Disorders of Tomato. Innovative Agriculture and Botany, Victoria Publisher, Mandawali, New Delhi, 1: 243-249, 2018
3. S. Singh, R.S. Negi, **K.N. Shah** and V. Singh. Opportunities for Cultivation and Processing of Economically Important Medicinal and Aromatic Plants in Uttarakhand. Innovative Agriculture and Botany, Victoria Publisher, Mandawali, New Delhi, 1: 35-42, 2018