CURRICULUM VITAE

UMESH CHANDRA SATI **Sex** : MALE **D.O.B** : 17.10.1989 **E-MAIL**: umeshsati99@gmail.com **CONTACT NO.**: 7983683299 8958104789	**ADDRESS**: Warden H.No.- 3, UG Hostel- 11, Punjab Agricultural University, Ludhiana, Distt.- Ludhiana (Punjab) - 141004	

ACADEMIC PROFILE

DEGREE	YEAR	INSTITUTION	UNIVERSITY/ BOARD
Ph.D. Horticulture (Vegetable Science)	2018	College of Agriculture, Pantnagar	G.B. Pant University of Ag. & Tech., Pantnagar
ICAR-NET	2016	ICAR	ASRB
M.Sc. Ag. Horticulture (Vegetable Science)	2014	College of Agriculture, Pantnagar	G.B. Pant University of Ag. & Tech., Pantnagar
B.Sc. Horticulture	2012	V.C.S.G. College of Horticulture, Bharsar	G.B. Pant University of Ag. & Tech., Pantnagar
Intermediate	2007	Campus School, Pantnagar	C.B.S.E.
High School	2005	Campus School, Pantnagar	C.B.S.E.

WORKING EXPERIENCE

- Two years and two months experience as Assistant Professor (Vegetable Science) at School of Agriculture and Natural Sciences, CT University, Ludhiana (Punjab) from 1st Feb. 2021 to 31st Mar. 2023 and have also served as Coordinator of Department (Agriculture), Academic Coordinator and Coordinator of School.
- Two years and 6 months teaching and research experience as Assistant Professor (Horticulture) at Doon (PG) College of Agriculture Sciences & Technology, Dehradun (Uttarakhand) from 1st Aug. 2018 to 21st Jan. 2021 and also served as Head of Department of Horticulture w.e.f. 27th Jan. 2020 to 21st Jan. 2021.

- Five months experience of working as Management Trainee (Sales & Marketing) at Gaya (Bihar) location under Matix Fertilisers & Chemicals Ltd., Kolkata (W.B.) from 8th Jan. 2018 to 13th June 2018.

RESEARCH EXPERIENCE

M.Sc.: Potash management in potato (*Solanum tuberosum* L.)

Ph.D.: Nitrogen management in Okra under tarai conditions of Uttarakhand

PUBLICATIONS

S.No.	Research Papers in Journals/ Proceedings
1.	**Sati, U.C.**, Raghav, M. and Singh, N. 2016. Effect of dose and method of potash application on production behaviour of potato. *Ecology, Environment and Conservation* 22(3): 1375-1378.
2.	**Sati, U.C.**, Raghav, M., Sati, K. and Lavlesh. 2017. Effect of different levels and methods of potash application on growth and marketable tuber yield of potato. *Research Journal of Agricultural Sciences* 8(3): 700-704.
3.	**Sati, U.C.**, Raghav, M., Sati, K. and Lavlesh. 2017. Effect of potash levels and methods of application on yield and quality of potato tubers (*Solanum tuberosum* L.). *The Bioscan* 12(3) (Supplement on Agronomy): 1703-1708.
4.	**Sati, U.C.**, Raghav, M., Singh, D.K., Singh, S., Singh, D.K. and Singh, D.K. 2018. Integrated nitrogen management in okra under Tarai conditions of Uttarakhand. *International Journal of Chemical Studies* 6(1): 1118-1122.
5.	Sati, K., Raghav, M., Pandey, P., Yadav, L. and **Sati, U.C.** 2018. Response of potato cv. Kufri Sadabahar to zinc sulfate application under tarai region of Uttarakhand. *Journal of Plant Nutrition*, DOI: 10.1080/01904167.2017.1392569
6.	Sati, K., Raghav, M., **Sati, U.C.** and Lavlesh. 2017. Effect of zinc sulphate application on quality of potato. *Research on Crops* 18(1): 98-102.
7.	Singh, N., Singh, D.K., **Sati, U.C.**, Rawat, M. and Pandey, P. 2017. Genetic analysis studies in okra [*Abelmoschus esculentus* (L.) Moench]. *International Journal of Pure & Applied Bioscience* 5 (4): 361-367.
8.	Sati, K., Raghav, M., **Sati, U.C.** and Lavlesh. 2017. Influence of zinc sulphate application on growth of potato plant and tuber under foothills of Uttarakhand. *The Bioscan* 12(2) (Supplement on Agronomy): 991-994.

9.	Lavlesh, Raghav, M., **Sati, U.C.** and Sati, K. 2017. Evaluating the manual and chemical methods for weed control in potato (*Solanum tuberosum* L.) under *tarai* conditions of Uttarakhand. *The Bioscan* 12(1) (Supplement on Agronomy): 683-686.
10.	Raghav M., Singh, U.K., Senger, S., Lavlesh, Pandey, P. and **Sati, U.C.** 2017. Response of potato to zinc application. **Full Length Paper**, ***In***: Proceedings of 30th National Convention of Agricultural Engineers & National Seminar on "Technological Innovations for Enhancing Profitability of Small and Marginal Farms" Organized by Pantnagar Local Centre, The Institution of Engineers (India) Pantnagar Feb 27-28: 226-228.
11.	Sati, K., Raghav, M., **Sati, U.C.** and Lavlesh. 2019. *Doubling Income of Uttarakhand farmers through Precision Horticulture* [Keynote Lecture]. *In*: Bhatt, S.S. and Sati, K. (Eds.), Abstract Book of National Conference on Unfolding Realms of Precision Farming, Farmapreneurship and Nutraceuticals for Better Farm Income and Food Safety, Dehradun, Uttarakhand (74 p.)
12.	**Sati, U.C.**, Raghav, M., Sati, K. and Lavlesh. 2019. Potato and its Response to Potassium Fertilization [Keynote Lecture]. *In*: Bhatt, S.S. and Sati, K. (Eds.), Abstract Book of National Conference on Unfolding Realms of Precision Farming, Farmapreneurship and Nutraceuticals for Better Farm Income and Food Safety, Dehradun, Uttarakhand (74 p.)
13.	Kanwar, P., Raghav, M., Lavlesh and **Sati, U.C.** 2019. Effect of zinc application on quality of potato. *Journal of Pharmacognosy and Phytochemistry* 8(1): 1921-1923.
14.	Bhatt, R., Raghav, M., Lavlesh and **Sati, U.C.** 2020. Influence of foliar nutrients on growth and yield of potato (*Solanum tuberosum* L.). *Vegetable Science* 47(1): 105-109.
15.	**Sati, U.C.**, Raghav, M., Lavlesh and Sati, K. 2020. Effectiveness of neem coated urea in increasing productivity of okra (*Abelmoschus esculentus* (L.) Moench). *Agricultural Research Journal* 57(5): 673-678. DOI: http://dx.doi.org/10.5958/2395-146X.2020.00099.X
16.	**Sati, U.C.**, Raghav, M., Lavlesh, and Sati, K. 2019. Nitrogen management in okra through neem coated urea. *Vegetable Science* 46(1&2): 97-101.
17.	Lavlesh, Raghav, M., **Sati, U.C.** and Sati, K. 2018. Weed management in potato (*Solanum tuberosum* L.) using manual and chemical methods. *International Journal of Chemical Studies* 6(5): 585-588.
18.	Sati, K., Raghav, M., Pandey, P., **Sati, U.C.** and Lavlesh. 2018. Response of potato cv. Kufri sadabahar to zinc fertilization. *Journal of Pharmacognosy and Phytochemistry* 7(2): 1825-1828.

19.	Vidushi, **Sati, U.C.** and Vishwakarma, G. 2022. Effect of nitrogen and potassium management on performance of potato crop. *Ecology, Environment and Conservation* 28(1): 284-288. DOI No.: http://doi.org/10.53550/EEC.2022.v28i01.041
20.	**Sati, U.C.,** Raghav, M., Yadav, L., Singh, N. and Sati, K. 2023. Influence of organic and inorganic nitrogen amendments on okra growth, yield, quality and economics. *Ecology, Environment and Conservation* 29 (January Suppl. Issue): S468-S478. DOI No.: http://doi.org/10.53550/EEC.2023.v29i01s.072
S.No.	**Chapters in Books**
1.	Kumar, U., Sati, K. and **Sati, U.C.** 2016. Soil treatments under protected cultivation of vegetable crops. In: Prasad, B. and Kumar, U. (Eds.) Innovative Agriculture: Techniques and Practices, Biotech Books, New Delhi: pp. 199-206.
2.	Kumar, U., Sati, K. and **Sati, U.C.** 2016. Nutraceutical properties of vegetable crops. In: Prasad, B. and Kumar, U. (Eds.) Innovative Agriculture: Techniques and Practices, Biotech Books, New Delhi: pp. 249-267.
3.	Kumar, U., Sati, K. and **Sati, U.C.** 2016. Recent advances in drought tolerance in vegetable crops. In: Prasad, B. and Kumar, U. (Eds.) Innovative Agriculture: Techniques and Practices, Biotech Books, New Delhi: pp. 269-292.
4.	Kumar, U., Sati, K. and **Sati, U.C.** 2016. Role of PGR in fruit drop and fruit development in horticultural crops. In: Prasad, B. and Kumar, U. (Eds.) Innovative Agriculture: Techniques and Practices, Biotech Books, New Delhi: pp. 309-320.

CONFERENCES/ WORKSHOPS/ SEMINARS

S.No.	Conference/Symposia/Seminar /Workshop	Organized by	Date	Participated/ Presented
1.	Workshop on Kitchen Gardening: Aesthetic to Health	Dept. of Horticulture and Vegetable Science, GBPUA&T, Pantnagar	17 Oct. 2015	Participated
2.	National Conference on Hill Agriculture in Perspective	GBPUA&T, Pantnagar	26-28 Feb. 2016	Participated
3.	National Workshop on Innovations in Traditional Agriculture for Sustaining Humanity	Uttarakhand Chapter of Asian Agri-History Foundation (UCAAHF), GBPUA&T, Pantnagar	29-30 Aug. 2017	Participated
4.	National Symposium on Innovations in Horticulture: Production to Consumption	GBPUA&T, Pantnagar	14-15 Sept. 2017	Presented Poster

5.	International Conference on Advances in Agricultural and Biodiversity Conservation for Sustainable Development (ABCD- 2017)	Agricultural Technology Development Society (ATDS), Ghaziabad, UP and Dept. of Horticulture, CCS University, Meerut, UP	27-28 Oct. 2017	Presented Poster
6.	International Conference on Sustainable Agriculture Development in Changing Global Scenario	Institute of Environment & Sustainable Development, BHU and Royal Association for Science-Led Socio-Cultural Advancement	11-13 Oct. 2019	Presented Poster
7.	2nd International Multidisciplinary Academic Research Conference (IMARC 2023)	CT University, Ludhiana, Punjab	10 Mar. 2023	Presented Paper

AWARDS/ RECOGNITIONS

- Received Best Ph.D. Thesis Award at International Conference on "Sustainable Agriculture Development in Changing Global Scenario" held on 11-13th October, 2019 at BHU, Varanasi.
- Received Young Researcher Award 2023 by InSc- Institute of Scholars, certified and registered under Ministry of MSME and Corporate Affairs, Government of India.

RESEARCH GUIDANCE

- Ms. Vidushi, M.Sc. Horticulture 2019, Research title- Nitrogen and Potash Management in Potato. Student also received University Gold Medal for highest overall per cent in Master's programme.

TRAINING EXPERIENCE

- One year Practical Horticulture Production (Floriculture & Landscaping) in 2010-2011 session of B.Sc. Horticulture under 'Earn While Learn Scheme'.
- Five months Rural Horticulture Work Experience (R.H.W.E.).
- One month Industrial Attachment at 'Indo-Dutch Horticulture Technologies Pvt. Ltd', Bhimtal.
- Two days Training Program on Medicinal and Aromatic Plants under CIMAP, Lucknow at CRC-CIMAP, Pantnagar.

EXTRA-CURRICULAR ACTIVITIES

- Publication committee member for organization of National Symposium on "Innovations in Horticulture: Production to Consumption" jointly organized by Departments of Vegetable Science and Horticulture, G.B.P.U.A.&T., Pantnagar, Uttarakhand, September 14-15, 2017.
- University Table Tennis Team Member for the year 2016-17.
- Three time Winner of Table Tennis (Singles) in Shastri Jayanti Sports Competition for the consecutive years 2015-2017.
- Three time Winner of Table Tennis (Doubles) in Shastri Jayanti Sports Competition for the consecutive years 2015-2017.
- Three time Winner of Table Tennis (Doubles) at College Annual Sports Meet for the consecutive years 2010-2012.
- Winner of Singing Competition and Table Tennis (Singles) Competition organized by NSS Committee in the year 2011.
- Winning team player in Volleyball Tournament at College Annual Sports Meet for the year 2011-12.
- Runner-up Carrom (Doubles) at College Annual Sports Meet for the year 2011-12.
- Runner-up team player in Cricket in Shastri Jayanti Sports Competition for the year 2015-16 and 2016-17.
- Runner-up team player in Cricket at College Annual Sports Meet for the year 2009-10.
- Have actively taken part in all types of cultural activities in each College and Hostel functions as a participant as well as an organizer.

COMPUTER SKILLS

- MS Office, statistical software and internet access.

LANGUAGES KNOWN

- Hindi (Fluent), English (Fluent) and Punjabi (Beginner)

REFERENCES

Dr. Manoj Raghav
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Dr. Jai Paul
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Contact No.: +91-9411737637

Place : Ludhiana, Punjab

Date : 24/07/2023

UMESH CHANDRA SATI