**RESUME**

**Dr. Satesh Kumar (Professor)**

**E-mail**:*sateshdr11@skuastj.org*

***Specialization****: Vegetable Science*

**Membership**: Life membership of Vegetable Science

**Educational Qualification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Examination** | **University/Board** | **Passing**  **Years** | **Division/**  **Grade** | **Subjects** |
|
| Ph. D.  Horticulture | Dr. Y.S. Parmar  University of Horticulture & Forestry-Nauni,Solan, | 2004 | 1st | Vegetable  Science |
| National  Eligibility Test | ASRB-ICAR, New  Delhi | 2002 | - | Vegetable  Science |
| M.Sc.  Horticulture | M.P.UAT.-Udaipur,  Rajasthan | 2000 | 1st | Horticulture |
| B.Sc.  Agriculture  (Hons.) | M.D.S., University-  Ajmer, Rajasthan | 1998 | 1st | Agriculture |

**Postings**

1. Assistant Professor in Division of Vegetable Science and Floriculture, SKUAST-Jammu from 27/12/2005 to 27/12/2014-.
2. Attached to Advance Centre for Horticulture Research, Udheywalla for one year 2015- 2016.
3. Attached to Organic Farming Research Centre, Chatha and now renamed as Centre for Organic and Natural Farming,since 2016
4. Associate Professor w.e.f 27/12/2014 to 27/12/2017 in Division of Vegetable Science and Floriculture.
5. Professor w.e.f 27/12/2020 till date

**Award (s)/Honours/appreciations**

1. Recipient of Young Scientist Award (*Dwarika Nath Memorial Gold Medal*) for the best Ph.D thesis in Vegetable Sciences, 2004. Awarded by Indian Society of Vegetable Science,Varanasi (U.P) during Annual group meeting of AICRP(VC), 2006 at Dharwad, Karnataka.
2. Letter of appreciation from Hon’ble Vice Chancellor, SKUAST-J for the development, release and notification of 06 vegetable varieties vide No. AUJ/VC/18-19/G-01/692 Dated 4/1/2019 (Endorsement No.AUJ/DR/18-19/F-49/7162-7200 dated 11/1/2019)

**ACADEMICS**

**Students -as major advisor**

**Guided Under-guidance**

Ph.D 01 02

M.Sc 13 06

**Students -as advisory committee member**

Ph.D 10 05

M.Sc 15 8

**Books authored**

1. Samnotra,R.K. Chopra, S., **Satesh Kumar**, Kumar,M., Kumar,S., and Bhushan. A. 2024. Practical Manual-I Seed Production of Summer Vegetables. Byte and Byte, New Delhi
2. Manoj Kumar, Sandeep Chopra and **Satesh Kumar**. 2019. Vegetable Production Handbook. Write and Print Publications, New Delhi 814p
3. Samnotra, R.K. Chopra, S., **Satesh Kumar**, Kumar,M., Kumar,S., and Bhushan.A.2018. Vegetable Production: Practical Research Manual-I, for UG students. Byte and Byte,New Delhi

**Courses developed:**

Developed e-course on Growth and Development, under ICAR-NAHEP programme, 2023

**RESEARCH**

**Varieties released (As co-breeder/associated scientist)**

* **3 varieties in cherry tomato, broadbean and radish**

Released at State Seed sub-committee on 27th December,2020 and notified on 2022.

1. Cherry tomato SJCT-01
2. Broad bean SJBB-01 (RK-01)
3. Radish CR-45

* **5 varieties in Broccoli, Okra, Coriander, Spinach beet and Fenugreek**

Released at State Seed Sub-Committee in its 23rd meeting at SKUAST-Kashmir on 23/3/2017

* + 1. Jammu Broccoli-7 (Early Green)
    2. Jammu Okra-05 (Seli Special)
    3. Jammu Coriander -07 (Khushboo)
    4. Jammu Spinach beet -07 (C-13)
    5. Jammu Fenugreek -07 (Kasuri Supreme)

* **1 variety** **in Knolkhol** released by State Seed Sub -Committee during 2013

G-40 in Knolkhol.

* **Varieties in pipeline**

1. SJG-16-01 in Garlic
2. CCS-08 in cauliflower
3. SJT-01 in turmeric

**Research Projects (Externally funded completed)**

**As Principal Investigator**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Title of the Project** | **Funding Agency** | **Duration** |
| **1** | All India Network Research Project on Onion and Garlic ( Budget 2.5 lakhs annually) | ICAR-Directorate of Onion and Garlic Research, Pune (Mah.) | 2010-2018 |
| 2. | Standardization/refinement of Production Technologies for Cultivation of Hybrid Vegetables in Jammu Region (Budget 24.0 lakhs) | ICAR (HTM MM-1) |  |
| 3 | Organic Seed Production Entrepreneurship in Cash Crops (Budget 10.84 lakhs) | Rashtriya Krishi Vikas Yojana | 2018 to 2022 |

**Ongoing projects**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.**  **No.** | **Title of Project** | **Duration** | **Total Cost**  **(in lakhs)** | **Funding Agency** |
| 1. | Standardization of technologies of organic vegetable production and their demonstration for enhancing soil and human health | 2023-25 | Rs 10.0 | DST |
| 2. | Promotion of Niche crops of UT of J&K (Hill Garlic component) | 2023-2028 | Rs. 55.00 | HADP |
| 3. | Promotion of vegetables and exotic vegetables under open field and protected cultivation | 2023-2028 | Rs. 50.0 | HADP |

**Research Publications (50)**

**Ten best papers**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Title** | **Journal** | **NAAS rating** |
| 1 | Amit Kumar, Satesh Kumar, Divyanshu Sharma, Parshant Bakshi, S. K. Singh& R. K. Samnotra. 2024,Exploring possibilities of broccoli (Brassica oleracea L. var. italica) production under organic management | ALL LIFE  VOL. 17, NO. 1, 2407899  https://doi.org/10.1080/26895293.2024.240789**9** | 7.2 |
| 2 | Sharma,D., **Satesh Kumar**, Chopra,S., Kumar, M.,Samnotra,R.K. and Parveen,Z.2023.Influence of fertilization and mulching techniques on yield, weed management and economics of elephant garlic (*Allium ampeloprasum* L.) | AATCC Review 11(4): 39-44. | 6.78 |
| 3 | Dolkar,P.,Sharma, D.,**Satesh Kumar**, Kumar,M., Bhushan, A.,Chopra,S. 2023.Varietal evaluation of bulb-sets for physico-metrical traits in kharif onion (*Allium cepa* L.) | AMA.54(9):15669-15679 | 6.29 |
| 4 | Chowdhary,D.R., **Satesh Kumar** and Samnotra,R.K. 2016. Effect of seedling age and plant hormones on growth and bulb yield in onion (*Allium cepa*  L.). | *Indian Journal of Agricultural Sciences.* 86 (7): 906–9. | 6.27 |
| 5 | Zargar,J., Kumar,M., **Satesh Kumar**,Chopra, S., Kumar,S., Bhushan.A Samnotra, R.K. and Gupta R.K. 2022.Integrated nutrient management studies in Cabbage (*Brassica oleracea* var.*capitata* L.) under subtropical plains of Jammu**.** | *Indian Journal of Agricultural Sciences*.92(1): 59-62 | 6.27 |
| 6 | Parveen,Z.,Kumar,M., Satesh Kumar,Chopra,S., Samnotra,R.K.,Sharma,D and Dhar,U.2024.Studies on Transplanting Dates and Method of Seed Production in Broccoli (*Brassica oleracea* var. *italica*) under Jammu Sub-Tropics | AATCC Review 11(4): 273-276. | 6.78 |
| 7 | Thappa,M.,**Satesh Kumar** and Rafiq,R.2011. Influence of plant growth regulators on morphological, floral and yield traits of cucumber (*Cucumis sativus* L.).. | *Kasetsart J.(Nat. Sci.) /ANRES* 44:1-12 | IF=0.57 |
| 8 | Menia, M.,Sharma,B.C.,Singh,  A.P., Arya,V.M.,Sharma,M.K.,  **Satesh Kumar**,  Vaid, A., Gupta, V and Sharma.N. 2022.Performance of Diversified Legume Entailing Ultra High Intensity Rice based Cropping System Models for Higher Productivity, Profitability and Sustainability | *Legume Journal-an international Journal* | 6.80 |
| 9 | Khar,S., **Satesh Kumar**, Samnotra, R.K.,Kumar,M., Chopra,S., Sharma,M. K and Gupta***,***S.2015.Variability and correlation studies in garlic (*Allium spp*.) germplasm under sub tropical environment of Jammu. | *Indian Journal of Plant Genetic Resources.*28(2):229-236 | 5.17 |
| 10 | **Satesh Kumar** and Sharma, S.K.**2006**.Effect of integrated nutrient management in tomato production. | *Indian J.Hort.*64(1) :96-97 | 6.00 |

**EXTENSION**

**Resource person**

Kisan mela, village visit and re-visit and T&V programme of the university

**Publications**

1. Co-author in the Package of Practices of Vegetable crops, 2022. Directorate of Extension, SKUAST-Jammu. Bytes and Bytes.215p
2. Co-author in the Package of Practice for Organic Crop Production (*Adhoc Recommendations*). 2018.Organic Farming Research Centre, Directorate of Research, SKUAST-Jammu. Bytes and Bytes.134p

**Declaration**

I hereby declare that all above entries are true to the best of my knowledge and belief.

**(SATESH KUMAR)**