

## CURRICULUM VITAE

**Name:** Teeka Singh  
**Father's Name:** Shree- Chandra singh  
**Date of birth:** 14-06-1978  
**Present Designation:** Assistant Professor (Contractual)  
**Address:** Department of Botany  
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### Academic Qualification:

Name of Examination	Subjects	University / Board	Year	Division / percentage
High school	Hindi, English, Math., Science two, Biology, Social Science	U.P. Board	1993	I <sup>st</sup> / 65.50
Intermediate	Hindi, English, Physics, Chemistry, Biology	U.P. Board	1996	I <sup>st</sup> / 73.20
B.Sc.	Zoology, Botany, Chemistry	Kumaun University, Nainital	1999	I <sup>st</sup> / 63.25
M.Sc.	Microbiology	G.B.P.U.A. & T. Pantnagar	2003	II <sup>nd</sup> / 69.90
M. Sc.	Botany	Uttarakhand Open University, Haldwani, Nainital	2016	I <sup>st</sup> / 79.08

### Additional Qualification :

S.No	Name of Examination	Subject	Qualifying Year	University/Board / Institute	Division/ percentage
1.	CSIR-UGC NET	Life Sciences	Jun-2005	CSIR New Delhi	-
2.	CSIR-UGC NET	Life Sciences	Jun-2006	CSIR New Delhi	-
3.	GATE	Life Sciences	2006	IIT Kharagpur	Percentile-96.48
4.	U-SET	Life Sciences	2012	Kumaun University Nainital	-

## Work Experiences:

S.No.	Designation	Name & Address Employer	From	To	Nature of Duties
1.	Assistant Professor (contractual)	S.N.S.G.P.G.C. Narayan Nagar	15/03/2019	onwards	Teaching
2.	Assistant Professor (contractual)	L.S.M.G.P.G.C. Pithoragarh	06/12/2014	06/03/2019	Teaching
3.	Assistant Professor	Surajmal Agarwal (pvt) Kanya Mahavidyalaya Kichha	05/04/2014	04/12/2014	Teaching
4.	Tutor	Self	01/12/2008	30/03/2014	Teaching
5.	Research Associate	T.E.R.I. New Delhi	08/05/2007	20/11/2008	Research Work
6.	Senior Research Fellow	School of Life Sciences J.N.U. New Delhi	10/03/2006	30/04/2007	Research Work

**Areas of interest:** Microbiology and Molecular Biology

**M.Sc.Thesis Title:** Diversity of nutrient solubilizing biological control agent *Trichoderma* sp. in rhizospheric soil of Kumaon hills.

### Technical skills:

1. Enzyme Linked Immunosorbent Assay (ELISA)
2. Polymerase Chain Reaction (PCR)
3. Electrophoresis Techniques –Agarose, PAGE, SDS-PAGE
4. Handling and Biochemical Characterization of Microbes
5. Atomic Absorption Spectrophotometer
6. Isolation and Purification of Plasmid and Genomic DNA
7. Chromatographic Techniques - ion exchange, affinity, Thin layer and gas chromatography, HPLC
8. Western blotting
9. Cloning Techniques
10. PCR based site directed mutagenesis
11. Competent Cell Preparation
12. RFLP and RAPD
13. Protein Purification Techniques

### Conference/ Symposium: Abstracts

1.Plant growth promotion by *T. harzianum* isolates antagonistic against wilt root rot pathogens of chickpea. Agrawal T, Singh R, Singh T, Singh S, Tewari L. (**Microbes and Human Sustenance**) “44<sup>th</sup> Annual Conference of Association of Microbiologists Of India” held at University of Agriculture Sciences, Dharwad, India from November 12-14, 2003.(Page-78)

2. Optimization of physical conditions for growth and sporulation of *Trichoderma harzianum*. Singh R, Agrawal T, Singh T, Singh S, Tewari L. (**Microbes and Human Sustenance**) “**44<sup>th</sup> Annual Conference of Association of Microbiologists Of India**” held at University of Agriculture Sciences, Dharwad, India from November 12-14, 2003.(Page 210-211)

3. Influence of mycorrhizal inoculation on growth and development of Fingermillet (*Eleusine Coracana*) Tewari L, Agrawal T, Kaur P, Singh T, Tandon S.M. “**National Symposium on Improving Crop Productivity in an Ecofriendly Environment: Physiological and Molecular Approaches**” held at Pantnagar University, Pantnagar, India from October 15-17, 2003.(Page P/III/24)

#### **Participation in Workshop/symposium/Webinar:**

1. One day national webinar on “**Forward Looking Vision for India’s Higher Education (with reference to National Education Policy-2020)**” organized by Faculty of Education (B.Ed.), Laxman Singh Mahar Government Post Graduate College Pithoragarh Uttarakhand held on 5<sup>th</sup> November 2020.
2. National Webinar on “**Developing a Potent Vaccine Against the SaRs-CoV2: Feasibility & Challenges**” organized by Maitreyi College, University of Delhi under aegis of Science Setu on 7<sup>th</sup> October 2020 through Google Meet.
3. One Day National Webinar On “**Advances in Nanotechnology: Impact on the Society**” organized by Bherulal Patidar Govt. P. G. College under the aegis of Department of Chemistry in collaboration with WB-MPHEQIP’s “Academic Excellence” Initiative & under the UMBRELLA of IQAC at Mhow, M.P. held on 04<sup>th</sup> September 2020.
4. National Virtual Conference on “**Recent Advances in Analytical Techniques-2020**” organized by Dept. of Chemistry & ADDP Shri Varshney College Aligarh, Dr. B. R. Ambedkar University Agra Uttar Pradesh, Centre of Bio-Medical Research Lucknow Uttar Pradesh in collaboration with Dept. of Chemistry, R.H. Govt. P.G. College, Kashipur, Uttarakhand, Dept. of Chemistry, H.N.B. Govt. P.G. College, Khatima, Uttarakhand & USERC DST Dehradun, Uttarakhand Govt. held on 16<sup>th</sup> and 17<sup>th</sup> August 2020 at e-platform .
5. Webinar on “**Practicing Chemdraw, Origin and Mendeley Tools in Research**” organized by Department of Chemistry, Laxman Singh Mahar Government Post Graduate College, Pithoragarh (A Constituent Unit of Kumaun University, Nainital) held from 8<sup>th</sup> to 10<sup>th</sup> August 2020.
6. One day national webinar on “**Accessibility and Inclusion of Students with Disability in Higher Education: Challenges and Interventions**” organized by Department of Social Work and Sociology, Jagadguru Rambhadracharya Divyang University, Chitrakoot, Uttar Pradesh- 210204 held on 27<sup>th</sup> July 2020.
7. One day national webinar on “**Psycho- Social Impact on COVID-19 Pandemic**” organized by Veer Kunwar Singh University, Ara in association with N.S.S. New Delhi (Ministry of Youth Affairs and Sports, Gov. of India) held on 26<sup>th</sup> July 2020.

8. The First Online India-UK Bilateral SPARC symposium on **“Transcriptional Dynamics in Developmental Biology”** organized by SciWhyLab, School of Computational & Integrative Sciences (SC&IS), Jawaharlal Nehru University (JNU), New Delhi, India held on 10<sup>th</sup> and 11<sup>th</sup> August 2020.
9. Webinar on **“Impact of Covid-19 on Indian Economy and Skill Development Practices”** organized by Faculty of Commerce and Management, Jagadguru Rambhadracharya Divyang University, Chitrakoot (U.P) held on 24<sup>th</sup> July 2020.
10. One Day National Webinar On **“Role of Women in Post COVID-19 Scenario: Issues, Challenges & Opportunities”** organized by B.L.P. Govt. P.G. College under the aegis of Department of Home Science Under the UMBRELLA of IQAC in collaboration with UGC and WB-MPHEQIP’s “Academic Excellence” at B.L.P. Govt. P.G. College, MHOW (M.P.) held on 29th July 2020.
11. National Webinar on **“5G Technologies: Fostering Holistic Approach for Digital Access”** Organized by Department of Library and Information Science Banaras Hindu University, Varanasi in collaboration with Students for Holistic Development of Humanity (SHoDH) held at Banaras Hindu University from 14<sup>th</sup> to 16<sup>th</sup> July 2020.
12. International Webinar on **“Energy and Environment”** organized by Department of Chemistry, Govt. Maharani Laxmi Bai Girls P.G. College Kila Maidan, Indore (M.P.) India held on 13<sup>th</sup> and 14<sup>th</sup> July 2020.
13. International Webinar on **“Physical Education, Sports & Exercise Sciences in Context to Covid-19”** organized by Department of Physical Education and the British Association of Sports and Exercise Sciences (BASES) at Banaras Hindu University, Varanasi, India held on 10<sup>th</sup> and 11<sup>th</sup> July 2020.
14. International Virtual conference on **“Modern Instrumental and Characterization Techniques in Applied Sciences – 2020 (MICTAS-2020)”** organized by MIET Kumaon Haldwani & Department of Chemistry, H.N.B. Govt. P.G. College Khatima at Uttarakhand Science Education and Research Centre (U-SERC) Dehradun held on July 5<sup>th</sup> and 6<sup>th</sup> July 2020 at e-platform.
15. Online Capacity Building and Skill Enhancement Workshop on **“The Art of Extempore Speaking”** organized by the Department of English, SSJ Campus, Almora under SAMPARK- A Social Outreach Initiative by Kumaun University, Nainital held on 26<sup>th</sup> and 27<sup>th</sup> June, 2020.
16. International Webinar on **“COVID-19”** organized by CO<sub>2</sub> Research and Green Technologies Centre, Vellore Institute of Technology held on 22<sup>nd</sup> June, 2020.
17. International Webinar on **“Strategies Against the Covid – 19 Pandemic ”** organized by Department of Biotechnology at Sir J.C. Bose Technical Campus, Kumaun University, Nainital held on 18 June 2020.

18. National Webinar on **“Water Conservation, Waste Management and Sanitation”** organized by GGSIPU & BVCOE National service scheme (NSS) at Guru Govind Singh Indraprastha University, Delhi held on 17<sup>th</sup> June 2020.
19. National Webinar on **“Outcome Based Education – Challenges and Solutions in Indian context”** organized by Faculty of Education at Teerthanker Mahaveer University, Moradabad, U.P. held on 11<sup>th</sup> and 12<sup>th</sup> June 2020.
20. Webinar on **“Nanoscience and Nanotechnology in the Present Scenario”** organized by School of Physical Sciences & Special Centre for Nano Sciences at Jawaharlal Nehru University, New Delhi held on 9<sup>th</sup> and 10<sup>th</sup> June 2020.
21. International Virtual Conference on **“Role of Technology in the Era of Covid -19 for Education”** organized by Uttarakhand Science Education & Research centre at Department of Science and Technology, Government of Uttarakhand, Dehradun held on 7<sup>th</sup> and 8<sup>th</sup> June 2020.
22. Two days International Webinar on **“Role of Academicians and Tourism & Hospitality Professionals in Post Covid Scenario”** organized by Department of Tourism Management at Dev Sanskriti Vishwavidyalaya, Haridwar, Uttarakhand, India held on 4<sup>th</sup> and 5<sup>th</sup> June 2020.
23. International Webinar on **“COVID–19: Policy Measures for Preventing Current and Future Fallout”** organized by Sardar Bhagat Singh Government Post Graduate College Rudrapur (U.S. Nagar), Uttarakhand, India held on 2<sup>nd</sup> and 3<sup>rd</sup> June 2020.
24. One day International Webinar on **“Covid – 19 Pandemic : Emerging challenges & Perspectives in E- learning”** organized by Harsh Vidya Mandir (P.G.) College at Raisi, Haridwar, Uttarakhand, India held on 29<sup>th</sup> May 2020.
25. International Seminar on **“Aestheticism and Indian Culture”** organized by Department of History, S.S.J. Campus Almora, Kumaun University Nainital, Uttarakhand, India held on 17<sup>th</sup> and 18<sup>th</sup> March 2018.
26. Workshop on **“Online and Digital Learning”** organized by B.Ed. Department, at Laxman Singh Mahar Government Post Graduate College, Pithoragarh, Uttarakhand held from 9<sup>th</sup> to 16<sup>th</sup> March 2018.
27. Public lectures/symposium on **“Immunology and Health-2017”** organized under the aegis of Indian Immunology Society and ASPIRE on 29<sup>th</sup> April 2017 at Laxman Singh Mahar Government Post Graduate College, Pithoragarh, Uttarakhand.

Teeka Singh

Place: Narayan Nagar (Pithoragarh)  
Date : 21/08/2021