


Name	Designation	Specialization	Email	Phone	Photograph	Academic Profile
Dr.Priyanka Bhatt	Guest Faculty	Agrcultural Entomology	agridsb@gmail.com			

## ACADEMIC PROFILE

1. **Name:** Dr. Priyanka Bhatt
2. **Designation:** Guest Faculty
3. **Qualification:** Ph. D (Agriculture), ARS NET 2013
4. **Area of Specialization/Research field:** Entomology., Toxicology of Insecticides and Sericulture
5. **Awards/Recognitions:** NA
6. **Number of research projects:** NA
7. **Number of Ph D. Candidates successfully supervised:** NA
8. **Number of Ph.D. Candidates successfully working:** NA
9. **Publications:**

i. **Books:** NA

ii. **Research Articles published in Journals:** (18)

1. Archana Sharma., Vijay Kumar., B.P. Nautiyal, Manish Guota., Pankaj Bahuguna and **Priyanka Bhatt (2022)**. Antifeedant activity of some botanicals against cabbage butterfly, *Pieris brassicae* (Lepidoptera; Pieridae) In Vitro. *Frontiers in Crop Protection*. Vol. 10: 617-620. (Special Issue)
2. Rohit Kumar., Vijay Kumar., B. B.P. Nautiyal and **Priyanka Bhatt (2022)**. Bioefficacy of some insecticides against Cotton Aphid, *Aphis gossypii*. *Frontiers in Crop Protection*. Vol. 10: 234-238.
3. R. Chauhan., V. Kumar., S.S. Bisht., P.Bahuguna., B.P. Nautiyal., **P. Bhatt., M.K.Gupta (2020)**. Biology of Aphid *Lipaphiserysimi* (Kat.) on Cauliflower. *Journal of Bioinnovation*. 1-8.
4. Anshuman Semwal., Sanjeev Ravi., Manish Kumar Gupta and **Priyanka Bhatt (2020)**. Seasonal Abundance of large white cabbage butterfly from mid hills of Garhwal Himalayas. *Journal of Experimental Zoology*. Vol.23(1):531-534.
5. Nitin H Thodsare., **Priyanka Bhatt** and R.P. Srivastava (2019). Residual toxicity of essential oils from *Murraya koenigii* and *Ocimum tenuiflorum* against *Spodoptera litura*. *Journal of Entomology and Zoology Studies*. Vol. 7 (6):905-908.
6. **Priyanka Bhatt** and R.P. Srivastava (2019). Antibiosis and insecticidal properties of *Madhuca indica* and *Bixa orellana* against *Spodoptera litura*. *International Journal of Entomology Research*. Vol.4(1):37- 40.
7. **Priyanka Bhatt** NitinThodsare and R.P. Srivastava (2016). Insect growth regulatory activities from oils of camphor and clove against *Spilosoma obliqua*. *Journal of Applied and Natural Science* Vol. 8 (3):1434-1437.
8. **Priyanka Bhatt** and Rajesh Prakash Srivastava (2014). Bioefficacy of *Murraya koenigii* oil against *Spilosoma obliqua* and *Spodoptera litura*. *Journal of Entomology and Zoology Studies*. Vol. 2(4): 201-205.

9. **Priyanka Bhatt**, Nitin Thodsare & R.P. Srivastava (2014). Toxicity of some bioactive medicinal plant extracts to Asian army worm, *Spodoptera litura*. *Journal of Applied and Natural Science* Vol. 6(1): 139-143.
10. **Priyanka Bhatt**, Nitin Thodsare & R.P. Srivastava (2014). Phagostimulant activity of some botanicals to *Bombyx mori* Linn. *The Bioscan* Vol. 9(2): 625-628.
11. **Priyanka Bhatt** and R.P. Srivastava (2014). Base line toxicity of insecticides against Bihar hairy caterpillar, *Spilosoma obliqua*. *Indian Journal of Plant Protection*. Vol. 42(2):175-177.
12. **Priyanka Bhatt** and R.P. Srivastava (2014). Bioefficacy of *Cinnamomum camphora* oil against *Spodoptera litura* in vitro. *Annals of Plant Protection Sciences*. Vol. 22(2):434-435.
13. **Bhatt, P.**, Pandey, G., Kanaujia, K.R and Kanaujia, S (2013). Mating frequency and life cycle of groundnut seed beetle *Caryedon serratus* (Olivier). *Journal of Insect Science* Vol. 26(1): 24-27.
14. Pandey, G., **Bhatt, P.**, Kanaujia, S and Kanaujia, K.R (2013). Air volatiles as primary determinants of pheromonal activity in groundnut bruchid, *Caryedon serratus* (Olivier). *Journal of Entomological Research*, Vol. 37(1): 51-54.
15. **Bhatt, P** and Srivastava, R.P (2012). Larvicidal and growth regulatory activities of some essential oils against Asian army worm, *Spodoptera litura* (Fab.). *Journal of Biopesticides* Vol. 5 (2): 186-190.
16. Pandey, G. **Bhatt, P.**, Kanaujia, S and Kanaujia, K.R. (2012). Ovipositional deterrence by air release volatile extracts of *Caryedon serratus*. *Bioinfolet* Vol. 9(B): 702-704.
17. Busch, A., Pandey, G., **Bhatt, P.**, Kanaujia, S and Kanaujia, K.R. (2012). Effect of groundnut (*Arachis hypogaea*) extracts on ovipositional behavior of *Caryedon serratus* (Olivier). *Bioinfolet* Vol. 9(B):697-701.
18. Pandey, G., **Bhatt, P.**, Kanaujia, S., Kanaujia, K.R., Jyothi, K.N. and Prasuna, A.L. (2011). Studies on electrophysiology, olfactometric response and chemical analysis of groundnut extracts against groundnut bruchid (*Caryedon serratus*). *International Journal of Agricultural Technology*, Vol.7 (5): 1265-1273.

### iii. Published Articles

(12)

1. **Priyanka Bhatt (2020)**. The Sweet Revolution. Honey bees on a mission **Himakhya (2019-2020)**. D.S.B. Campus Nainital Kumaun University, Uttarakhand pp: 135-139.
2. **Rohit Kumar and Priyanka Bhatt (2020)**. Insects as nanotechnologists and role model for new inventions. Agriculture and Food E newsletter. Vol. 2(3):305-308. **(Best Article Award)**
3. **Priyanka Bhatt (2020)**. Recent Developments in Apiculture. Agriculture and Food E newsletter. Vol. 2(3): 232-234. **(Best Article Award)**
4. **Priyanka Bhatt (2020)**. **Kisan Diary (2020-21)**. VCSG Uttarakhand University of Horticulture and Forestry Ranichauri Campus, Tehri Garhwal, Uttarakhand pp: 162-164.
5. **Priyanka Bhatt (2019)**. Agriculture scenario in Dehradun, Uttarakhand. Agriculture and food e-Newsletter Vol. 1(10): 610-611. **(Innovative Article Award)**
6. **Priyanka Bhatt (2019)**. The state butterflies: Conservation of indigenous butterflies. Agriculture and food e-Newsletter Vol. 1(11): 51-53. **(Innovative Article Award)**
7. **Priyanka Bhatt**, N.H. Thodsare and R.P. Srivastava (2014). Sericulture in Uttarakhand: Looking forward for long leaps. *Indian Farmers Digest* Vol 47(5):15-17.
8. Ganesh Pandey and **Priyanka Bhatt (2012)**. Groundnut- An oil seed rich in nutritional and medicinal properties. *Indian Farming*. Vol 62(1):29-30.
9. Ganesh Pandey and **Priyanka Bhatt (2012)**. Post harvest technology for litchi fruit. *Indian Farmer's Digest* Aug issue: 13-16.
10. **Priyanka Bhatt** and Ganesh Pandey (2012). Storage insect pests of groundnut and their management. *Indian Farmer's Digest* July issue: 28-31.
11. Ganesh Pandey and **Priyanka Bhatt (2011)**. Green Chemistry- Tools for integrated pest management. *Agobios Newsletter* Vol. 10(5): 58-59.
12. **Priyanka Bhatt (2011)**. Nanotechnology- An emerging insect science. *Agrobios Newsletter* Vol. 9(12):9-10.

### iv .Massive open online courses (MOOCS) and trainings

(8)

1. Successfully completed 7 days online training programme on Beekeeping held at H.B.R.T.C Pantnagar from 25-31, October, 2021.
2. Successfully completed 5 days online training programme on **Mushroom Cultivation** from 23 – 27 February , 2021 held at Mushroom Research and Training Centre, G.B.P.U.A & T Pantnagar Uttarakhand.
3. Successfully completed online certificate course in bee keeping: **beekeeping for beginners** from Udemy (online learning platform)
4. Successfully completed **Massive open online course (MOOC) on Rodent and Household Pest Management ( 1st Feb-31st May, 2020)** conducted by National Institute of Plant Health Management Rajendranagar, Hyderabad, Telangana.
5. Successfully completed **Crop Pest Diagnosis (English) v2.0** powered by **Plantwise(MAY 2, 2020)** conducted by CABI, Nosworthy Way, Wallingford, Oxfordshire ,UK
6. Successfully completed **with distinction Massive open online course(MOOC) on Conservation Agriculture based Sustainable Intensification(CASI)(12Feb- 31Mar, 2020)** conducted by Bihar Agricultural University, Sabour, Bhagalpur in collaboration with Centre for Continuing Education ( CCE), Indian Institute of Technology, Kanpur and Common Wealth of Learning , Canada.
7. Successfully **completed with distinction Massive open online course (MOOC) on Detection, Diagnosis and management of Plant Diseases(15th OCTOBER- 2nd DECEMBER, 2019 )** conducted by Banaras Hindu University, in collaboration with Indian Institute of Technology, Kanpur and Common Wealth of Learning , Canada.
8. Successfully **completed Massive open online course (MOOC) on Plant Biosecurity (1st APRIL- 30th JUNE,2019)** conducted by National Institute of Plant Health Management Rajendranagar, Hyderabad, Telangana.

**v. Papers presented in Conferences/ Seminars (13)**

Sl.No.	Title of Paper	Title of Conference/Seminar	Year
1.	Ten Years (2012-2022): 10 insect Discoveries	National Conference on Agriculture, Applied and Life Sciences: Current Research. Organized by Uttarakhand Open University, Haldwani, Nainital, Uttarkhand.	2022
2.	Sericulture: An agrobased industry for the upliftment of tribal people of Uttarakhand.	National conference on Agro-biodiversity management for sustainable rural development organized by National Academy of Agricultural Research Management, Rajendra Nagar, Hyderabad, India	2013
3.	Using geographic information system for nitrogen application. Oral presentation in National workshop on geospatial technology for natural resource management	National workshop on geospatial technology for natural resource management organized by Department of Agrometereology, G.B.Pant University of Agriculture & Technology, Pantnagar, India	2013
4.	Mulberry sericulture: Expanding horizons to tribal regions of Uttarakhand.	National symposium on recent advances in beneficial insects (Apiculture, lac-culture and sericulture) organized by Society for advancement of natural resins and gums, Namkum, Ranchi ,India	2013
5.	Empowerment of women in rural agriculture	International symposium on agricultural communication and sustainable rural development: From information knowledge to wisdom-Envisioning a food sovereign world in the third millennium organized by G.B. Pant University of Agriculture & Technology, Pantnagar, India	2012

6.	Contact toxicity of some spice oils against tobacco caterpillar, <i>Spodoptera litura</i> (Fab.).	National seminar on emerging pest problems and their biorational management organized by Department of Entomology, Rajasthan, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan, India	2012
7.	Susceptibility of Bihar hairy caterpillar, <i>Spilosomaobliqua</i> to insecticides.	International conference on plant health management for food security organized by Plant Protection Association of India	2012
8.	Endosulfan's threat to human health and the environment	National seminar on pesticides, food safety and environment organized by G.B. Pant University of Agriculture & Technology, Pantnagar	2011
9.	Bioefficacy of botanicals on feeding and survival parameters of tobacco caterpillar, <i>Spodopteralitura</i> Fab.	International Conference (BIOCICON) organized by crop protection research centre, Palayamkottai, Tamil Nadu	2011
10.	Effect of medicinal plant oils on feeding behaviour of <i>Bombyx mori</i>	Uttarakhand State Science and Technology Congress-2011organised by UCOST at S. S. J Campus, Kumaun University , Almora	2011
11.	Impact of climate change on agriculture	National seminar on prospects and challenges of sustainable agriculture and organic farming in India organized by National Institute of Teacher's Training and Research, Chandigarh, India	2011
12.	Life cycle and mating behavior of groundnut bruchid, <i>Caryedonserratus</i> (Coleoptera: Bruchidae).	5th Uttarakhand State Science and Technology Congress-2010 organised by UCOST at Doon University. Dehradun	2010

**vi. Chapter published in Books: (02)**

**1.Priyanka Bhatt**, Nitin Thodsare and R.P.Srivastava**(2019)**.Sericulture: An agrobased industry for the upliftment of tribal people of Uttarakhand, India ( Eds) Rural Development and Techno-Innovation. New Delhi, India, Discovery publishing house, 78-94.

**2. Bhatt, P** and R.P. Srivastava **(2012)**. Assessment of Insecticidal Properties of Some Plant Oils against *Spodoptera litura* (Fab).In: Chemistry of Khemani, L; Srivastava, M; Srivastava,S (Eds) Chemistry of phytopotentials: Health, energy and environmental perspective New York, USA, Springer, 351p.

**vii. Monographs/Reports if any: NA**

i. **IPRRr egistered/Award :NA**

**10. Conference/Seminar Organized:**  
(1)

Organised **a one day workshop as Organizing Secretary** on Climate Resilient Technologies For Hill Agriculture on 22nd December, 2019 for PG students at VCSG Uttarakhand University of Horticulture and Forestry, Pauri Garhwal, Uttarakhand.

**11. Session Chaired in Conferences/Seminars:**

NA

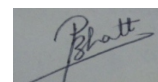
**12. Academic/Administrative position held: Assistant Warden** (August - December, 2019) at Undergraduate Girls Hostel of VCSG Uttarakhand University of Horticulture and Forestry, Bharsar, Pauri Garhwal Uttarakhand

**13. Any other information:**

- a) Worked as Senior research fellow ICAR funded project on Geoinformatics and precision farming for a period of 5 months at G.B.P.U.A& T
- b) Worked as Research Associate/ Skilled Associate in ICAR TSP Project on Sericulture for 5 months at G.B.P.U.A& T
- c) Worked as Assistant Professor at Doon (PG) College of Agriculture Science & Technology, Dehradun for a period of 1.6 years.
- d) Worked as Guest Faculty VCSG UUHF, Bharsar, Pauri Garhwal for a period of 6 months and Guided M.Sc. (Ag) Entomology students in Masters thesis research as member of **advisory committee**. Guided the students under **Rural Agricultural Work Experience (RAWE)**, prepared examination papers and evaluated examination copies for Sri Dev Suman University, Tehri Garhwal and Uttarakhand Technical University, Dehradun, Uttarakhand.
- e) Recipient of Graduate Research Assistantship during M.Sc. (Ag) programme and University fellowship during Ph.D programme.

**14. Membership of professional Organization/Associations:**

NA



Date:03/01/2023

Signature of Faculty Member