

**Ashita Bisht**

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Field of Specialization and Research Interest	Plant Breeding Development of disease resistant and high yielding varieties
Employment Record along with Professional Experience	1. Junior Research Fellow, National Agri-Food Biotechnology Institute, Mohali, Punjab, India - 08 months 2. Project Assistant-II, CSIR - Institute of Himalayan Bioresource Technology, Palampur, Himachal Pradesh, India - 01 year 3. Summer Intern, National Institute of Plant Genome Research, New Delhi, India - 03 months
Research Projects handled	As Co-PI: 01
Research Publications	Published in journals: 04 Book chapters: 06 Conference/seminar/souvenir/symposium papers: 06
Enlist best 5 publications in last 5 years (with NAAS rating/impact factor)	
<ul style="list-style-type: none"><li>• <b>Ashita Bisht</b> and Satish Paul (2019) Linseed breeding for early maturing and dual-purpose genotypes in North-Western Himalayas. <i>Journal of Oilseeds Research</i> 36: 150-156. (NAAS score = 4.59)</li><li>• Ajay Kumar, Rahul Dev Gautam, Ashok Kumar, <b>Ashita Bisht</b>, Sanatsujat Singh (2020) Floral biology of wild marigold (<i>Tagetes minuta</i> L.) and its relation to essential oil composition. <i>Industrial Crops and Products</i> 145: 111996. <a href="https://doi.org/10.1016/j.indcrop.2019.111996">https://doi.org/10.1016/j.indcrop.2019.111996</a>. (NAAS score = 12.45 / IF = 6.449)</li><li>• Virender Kumar, Sanskriti Vats, Surbhi Kumawat, <b>Ashita Bisht</b> et al (2021) Omics advances and integrative approaches for the simultaneous improvement of seed oil and protein content in soybean (<i>Glycine max</i> L.). <i>Critical Reviews in Plant Sciences</i> 40: 398-421. <a href="https://doi.org/10.1080/07352689.2021.1954778">https://doi.org/10.1080/07352689.2021.1954778</a> (NAAS score = 12.90 / IF = 6.90)</li><li>• <b>Ashita Bisht</b>, Dinesh Kumar Saini, Baljeet Kaur et al (2023) Multi-omics assisted breeding for biotic stress resistance in soybean. <i>Molecular Biology Reports</i> 50: 3787-3814. <a href="https://doi.org/10.1007/s11033-023-08260-4">https://doi.org/10.1007/s11033-023-08260-4</a> (NAAS score = 8.80 / IF = 2.80)</li></ul>	
Awards/Fellowships	<ul style="list-style-type: none"><li>• Certificate of Honour for first division in B.Sc. (Hons.) Agriculture</li><li>• Certificate of Honour for first division in M.Sc. Agriculture (Genetics and Plant Breeding)</li><li>• Undergraduate CSKHPKV Merit Scholarship for Bachelor of Agriculture programme</li><li>• Postgraduate CSKHPKV stipend for Master of Agriculture programme</li><li>• Postgraduate PAU stipend for Ph.D. programme</li><li>• Dr. M.S. Randhawa Gold Medal in Ph.D. programme</li></ul>
Extension activities	<ul style="list-style-type: none"><li>• Trainings organized/lectures delivered: 55</li><li>• Popular articles/extension publications: 10</li><li>• Kisan Mela/Workshop organized: 02</li></ul>
Miscellaneous achievements/activities	<ul style="list-style-type: none"><li>• Qualified ICAR-JRF 2015</li><li>• Qualified Jawaharlal Nehru University-BAG 2015</li><li>• Qualified ICAR-SRF 2017, 2018</li><li>• Qualified ICAR-NET 2018, 2021</li></ul>