

# Resume

## Personal details

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<b>Name</b>	Ritu Naliath
<b>Email address</b>	ritugarneria@gmail.com
<b>Phone number</b>	+91 8146155111
<b>Address</b>	51-D, PAU Dashmesh Nagar, Near fateh Cold Store, VPO Ayali Khurd,, 142027 Ludhiana
<b>Date of birth</b>	October 12, 1988
<b>Place of birth</b>	Gurdaspur
<b>Gender</b>	Female
<b>Nationality</b>	Indian

## Profile

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Objective: Interested in learning all the research and teaching skills to enhance my knowledge. Research interests include areas of biotechnology, Molecular Biology, and nanoscience & technology. To take up a profession in research and contribute the best of my abilities in the organization which provides a platform, so that I could expand my sphere of knowledge with hard work and innovation. Strength Dedicated, hardworking, sincere, ability to solve problems quickly and efficiently. Work independently and also as a team player. Always ready to face new challenges, optimistic view towards life.

## Education

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<b>Jun 2004</b>	<b>10th</b> <b>P.A.U Govt. Sen. Sec. Model School Ludhiana, Ludhiana</b>	<b>51.29%</b>
<b>Jun 2007</b>	<b>Diploma in Electronics and communication</b> <b>S.R.S Govt. Polytechnic For Girls Ludhiana, Ludhiana</b>	<b>60.11%</b>
<b>Jun 2011</b>	<b>B.Tech ( Biotechnology)</b> <b>P.T.U Jalandhar Beant college of engineering. And technology, Gurdaspur, Jalandhar</b>	<b>68.56%</b>
<b>Jun 2017</b>	<b>M.Tech. (Nano Sciences &amp; Technology)</b> <b>DAVIET, Jalandhar</b>	<b>72.31%</b>

## Employment

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Sep 2014 - Mar 2017	<b>Junior Research Fellow</b> RRS Abohar, PAU Ludhiana
Oct 2017 - Sep 2018	<b>B.Tech Training and Project work</b> M/s Manki & Sons, Ludhiana
Nov 2018 - Mar 2019	<b>Young Professional -I</b> ICAR-IIMR, Ludhiana
Mar 2019 - Sep 2020	<b>Project Assistant</b> ICAR-IIMR, Ludhiana
Jun 2022 - Oct 2022	<b>Product status</b> Sunvet pharma Pvt Ltd, Moginand, Kala Amb
Dec 2022 - Jan 2024	<b>QC Officer</b> Elnova Pharma, Moginand, Kala Amb QC Department & Microbiology

## Publications

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- Synthesis and Study of Bio-conjugated Graphene in Journal of Nano Science, NanoEngineering & Applications, India in 2014 ISSN: 2231 – 1777, Page- 21-26
- Genetic identification and inference on genetic relationships of important Citrus rootstocks with microsatellite markers in journal of *Fruits journal (International Journal of Tropical and Subtropical Horticulture)* France in 2017 FRUITS 72(6), ISSN 0248-1294, page- 350-362
- Allelic pattern of SSRs with high hybrid detection efficiency and inheritance of leaf petiole wing in interspecific Citrus crosses in journal of *Fruits journal (International Journal of Tropical and Subtropical Horticulture)* France in 2021 Fruits 76(1), page- 30-38.
- Potential use of random and linked SSR markers in journal of Crop and pasture science CSIRO 2022.
- Chapter-9 entitled Benefits and Biohazards of Microbial Recombinants Book entitled Microbial Diversity, Intervention and scope in springer 2020.

## Internships

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Jan 2011 - Jun 2011	<b>Project and training 1</b> <b>Ludhiana</b> Studies on engineering properties, oil extraction, and utilization of deoiled cake under the guidance of Dr. Manikantan at the Central Institute of Post-Harvest Engineering (CIPHET)
Dec 2012 - Jun 2013	<b>Project and Training 2</b> <b>Chandigarh</b> Study of Immunoactivity on Graphene Nanoplatelets” under the guidance of Dr Kanchan L. Singh and co-advisor Dr. Inderpreet Kaur, Scientist, CSIO, Chandigarh

## Languages

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English	Good
Punjabi	Good
Hindi	Good

## Skills

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Genomic DNA isolation of plant, PCR amplification of DNA (SSRs, Degenerate primers, gene specific primers), gel electrophoresis (horizontal and vertical), primer designing, , DNA elution from gel and SDS-Gel.

Ludhiana

## References

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**Dr. Krishan Kumar**  
PAU-RRS, Abohar, Abohar  
94636-63194, kkshorti@pau.edu

**Dr. Kanchan L. Singh**  
DAVIET, Jalandhar, Jalandhar  
DAVIET, Jalandhar, kanchan\_69@rediffmail.com

## Declaration

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I hereby declare that all the statements made above are true in all respects and open for verification.