

# Neetu Thapliyal

Research Associate – New Delhi, India

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## CAREER OBJECTIVE

Highly motivated and detail-oriented data analytics professional with a passion for leveraging data-driven insights to drive sustainable solutions in the agriculture field. Seeking a challenging position in an agricultural organization where I can apply my strong analytical skills and domain knowledge to optimize farming practices, improve crop yield, and enhance resource utilization. Committed to utilizing data analytics tools and techniques to identify trends, patterns, and opportunities that will contribute to the overall growth and sustainability of the agriculture industry.

## EDUCATION

### Kendriya Vidyalaya

10<sup>th</sup>-Secondary Education

Sector 31 D, Chandigarh, India

2008

- Scored 75 %

### Kendriya Vidyalaya

12<sup>th</sup>-Senior Secondary Education

Sector 31 D, Chandigarh, India

2010

- Scored 74 %

### Panjab University

B.Sc. (Lifesciences)

Chandigarh, India

2014

- Scored 79 %

### Govind Ballabh Pant University of Agriculture & Technology

M.Sc. (Agriculture)

Pantnagar, India

2017

- CGPA 8.55

## TECHNICAL SKILLS & KNOWLEDGE AREAS

- Having a good working knowledge of windows operating system Windows 10, 8 and 7, Vista and XP, Microsoft Office, Photoshop, Microsoft Visio and Internet use
- R Programming language(edX), Matlab(Data manipulation and representation for MSC thesis) and Latex(Compiled thesis)
- Power BI

## WORK EXPERIENCE

### Lovely Professional University

Assistant Professor

Jalandhar, India

Jul 2017 Jul 2018

- Preparing and delivering regular lectures for students
- Guiding class discussions, whilst encouraging debate and feedback amongst students
- Preparing and marking student assignments, presentations, exams and providing one-on-one feedback on academic performance where necessary
- Attending departmental and faculty meetings with other staff members

- Conducting further research into their specific field of knowledge/interest
- Planning research for Hands-on Training of students

**National Agri-Food Biotechnology Institute**

*Junior Research Fellow*

**Mohali, India**

*Jul 2018 Nov 2018*

- Heat Stress Tolerance in Black Wheat lines
- Research to improve yield traits and sustainable production under heat stress
- Use relevant techniques like SDS PAGE, HPLC to fulfil the objectives
- Keep updated with developments in the subject area, resources, and methods

**National Seed Association of India**

*Research Associate*

**New Delhi, India**

*Nov 2018 Current*

- All matter related to Seed Legislation, Environmental Legislations, Biodiversity Legislations, IPR and other related legislations
- Handling Technical matters related to Seed Quality, Seed Production, Seed Marketing, Seed Import/Export etc
- Works pertaining to Policy interventions in the field of Seed / Agriculture
- Liaison with Government, PSUs, Regulatory Authorities
- Represent the NSAI in various Meetings, Conferences, and Symposia etc
- Communication with Seed Industry members
- Interaction with the association members and resolving their issues
- Secondary Research/ Analysis /Project Report / Concept Development
- Grievance redressal of members

**Mordor Intelligence Private Limited**

*Senior Research Analyst*

**Hyderabad, India**

*May 2020- Current*

- Conducting Primary and Secondary research to author original research reports
- Collecting secondary research information concerning the markets of interest
- Analyzing datasets in order to craft mission aligned messaging
- Working on filling the gaps in findings and analysis generated by interacting with market stakeholders on field- through telephonic conversations, interviews , surveys, etc.
- Working with the team through collective brainstorming sessions to help develop new solutions that are subsequently made sellable

## **SEMINARS, CONFERENCES, WORKSHOPS & TRAININGS**

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- Participated in Seminar on Effect of Climate change on Advance Crop Science and Technology organised by Ministry of Human Resource Development (Department of Higher Education), Government of India during 16- 17 December 2016.
- Participated in Conference Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS) during 02- 04 December 2017 and also won Best thesis award 2017
- Participated in Conference "Sucrosym 2017" in October 2017.
- Participated in National workshop on Next-generation Sequencing Data Analysis organised by LPU, Jalandhar and obtained O grade during March 30 - 31, 2018
- Participated in workshop on Molecular Marker Analysis organised by LPU, Jalandhar on November 11, 2017, and obtained A grade
- Participated in International Conference on Innovative Strategies for Sustainable Water Management during 17 - 18 November 2017 organised by LPU in collaboration with McGill University Canada.
- Participated in Conference on Sustainable Agriculture, Food and Nutritional Security during 16-

17 February 2018.

- Participated in Workshop on Microbial Detection and Disease Diagnostics Using Real-Time PCR organised by LPU, Jalandhar on 23 February 2018 and obtained A grade
- Participated in 10th National Seed Congress-2019 during 14- 16 Oct 2019 at ICAR-IARI, New Delhi
- Enrolled in R Lang edX online certification course

## PUBLICATIONS

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- **Estimation of the Extent of Variability for Different Morphological and Juice Quality Characters Among Early Generation Sugarcane Clones**, AK Bairwa, R Ram, AS Jeena, Neetu, K Singh, SP Singh , *International Journal of Current Microbiology and Applied Sciences* Vol. 6 No. 2 (2017) pp. 1272-1278
- **Genetic diversity Analysis of Sugarcane (*Saccharum* spp. Complex) based on morphological characterization using Mahalanobis D2**, Neetu\*, AS Jeena, AK Bairwa, D Koujalagi, SP Singh, U Pant, *International Journal of Current Microbiology and Applied Sciences* Vol. 7 No. 8 (2018) pp. 4355-4363
- **Estimation of variability parameters for yield and its contributing characters among early generation clones of Sugarcane (*Saccharum* species complex)**, Neetu\*, S Saajan, M Darvhankar and I Walia, AS Jeena , *Plant Archives* Vol. 18 No.2 (2018) pp.1541-1544
- **Impact of Different Sowing methods on growth and yield attributes of direct seeded rice (*Oryza sativa*) in alluvial soils of Punjab, India**, Sumeet Kour\*, S Saajan, D.S.Gaikwad, A Kumar, Neetu , *Plant Archives* Vol. 18 No.2 (2018) pp.1385-1390
- **Protection of Plant Varieties & Farmers Rights (PPVFR) Act, 2001 & its impact on Indian Seed Industry**, RK Trivedi, Neetu Thapliyal , *Gujarat Seeds Congress* (2019) pp. 46-52
- **Seed Bill 2019: Provisions, Concerns and Challenges**, RK Trivedi, Deepanker Pandey and Neetu Thapliyal , *Indian Seed Congress* (2019) pp. 109- 114
- **Genome Sequencing in Agriculture** Mayur Darvhankar\*, Aman Deep Ranga, Neetu Thapliyal , *Indian Seed Congress* 2019) pp. 225- 232
- **Realising the aim of Doubling the Farmers Income** Neetu Thapliyal, Deepanker Pandey , *NSAI-Seed Times* (April 2019)
- **Innovations in Rice Breeding Strategies for Crop Improvement** Vartika Budhlakoti, Neetu Thapliyal , *Indian Seed Congress* (2020) pp.161- 167
- **Utilization of transposons or jumping genes in Crop Improvement** Neha Joshi, Neetu Thapliyal , *Indian Seed Congress* (2020) pp. 169- 177

## AWARDS & ACCOMPLISHMENTS

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- Attended Model Training Course in Sustainable Seed Production System in Rice organised by National Rice Research Institute, Cuttack in 2019
- Best thesis award 2017 on International Conference on Global Research Initiatives for Sustainable Agriculture & Allied Sciences (GRISAAS-2017)
- Qualified GATE with a score of 484 and AIR 666 with 93.7 Percentile in the year 2017
- Awarded with Research Assistantship/ Scholarship during Masters 2014- 2017
- RIE certificate course in personal development with A grade in 2014
- Second position in Quiz competition organized by Community hygiene and public health society in the year 2014
- Second position in intraclass poster making competition organized by science society in PGGCG Sec 11 Chandigarh in the year 2014
- Worked as a volunteer to motivate people to donate for the cause of Underprivileged children for

an NGO Nanhi Jaan during 2011- 2014

## ADDITIONAL INFORMATION

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- RIE certificate course in personal development with A grade
- Second position in Quiz competition organized by Community hygiene and public health society
- Second position in intraclass poster making competition organized by science society in PGGCG Sec 11 Chandigarh
- Worked as a volunteer to motivate people to donate for the cause of Underprivileged children for an NGO Nanhi Jaan

## LANGUAGE

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- **English** [fluent]
- **Hindi** [fluent]

## EVENTS ORGANIZED

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### Indian Seed Congress

*2019 Hyderabad, India*

- Our team organized an international conference during 12- 13 March 2019. The theme of the congress was Seeds For Sustainability. I was assigned to plan the technical sessions, interact with subject matter experts and managing the registration data, technical sessions, finalise the contents of the Souvenir and Report.

### Training Workshop on Bar coding

*2019 New Delhi, India*

- Our team successfully organized the training workshop for the seed industry on Barcoding/ QR coding for traceability of seed packets. I was assigned to manage the sessions and also to anchor in it.

### Indian Seed Congress

*2020 New Delhi, India*

- Our team organized an international conference during 16 - 17 February 2020. The theme of the congress was Seeds: A Gateway of Prosperity. I was assigned to plan the technical sessions, interact with subject matter experts and managing the registration data, technical sessions and finalise the contents of the Souvenir and Report.

## KEY STRENGTHS

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- Keen to learn new skills and software
- Analytical mind and positive attitude
- Adjustable to the new environment
- Communication to responsibilities

## REFERENCES

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### Dr. A.S.Jeena

✉ Professor

Govind Ballabh Pant University Of Agriculture & Technology, 263145, Pantnagar, India

✉ asjeena@gmail.com

### Dr. Mayur Darvhaner

✉ Assistant professor

LPU(Department of genetics and plant breeding), 144411, Jalandhar, India

✉ mayur.21878@lpu.co.in

### Dr Deepanker Pandey

✉ Assistant Director

National Seed Association of India, 110001, New Delhi, India

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