

Curriculum Vitae

Dr Neeraj Singh Parihar
Ph.D. in Farm Machinery and Power Engineering

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EDUCATION

Degree	Specialization	Year	University	Percentage (%)
B.Tech.	Agricultural Engineering	2012-2016	SKUAST-K	65.90
M.Tech.	Farm Machinery and Power Engineering	2016-2018	SKUAST-J	84.20
Ph.D.	Farm Machinery and Power Engineering	2019-2022	SKUAST-J	85.40

Research:

- **B.Tech** Energetics and Cost Economics of Apple Production in District Shopian of Kashmir Region- A Case Study
- **M.Tech**. Development and Evaluation of Motorized Paddy Thresher for Hilly Areas
- **Ph.D.** Development and Evaluation of Self-Propelled Potato Digger for Small land holdings

Trainings

- Attended 01 month training at Jain Irrigation Systems Ltd. Jalgaon, Maharashtra.
- Attended 15 days training at HMT Ltd. Pinjore, Haryana.
- Attended 01 month training at CIAE Bhopal.
- Attended 15 days training at CITH Rangreth, Kashmir.
- Attended 15 days training at Fil Industries Ltd. Rangreth,Srinagar,Kashmir
- Attended 07 days training on Use of Open Data Kit in survey based data collection under International Food Policy Research Institute South Asia

Certificates

- On completion of course “RS & GIS applications in Water Resources” given by IIRS/ISRO.
- Poster presentation in 8th Asian- Australasian Conference on Precision Agriculture.
- Poster presentation in 3rd International Conference Global Initiatives in Agricultural, Forestry and Applied Sciences
- Poster presentation in National Symposium on Ornamental and Edible Horticulture: Emerging Challenges and Sustainable Goals

Conferences/Workshops

- 8th Asian- Australasian Conference on Precision Agriculture held on October 14-17, 2019 at Ludhiana, India
- Workshop on "Statistical and Economical Analysis of Data through Packages", organized by Division of Statistics and Computer Science, Faculty of Basic Sciences, SKUAST Jammu on June 29- 30, 2021
- 3rd International Conference Global Initiatives in Agricultural, Forestry and Applied Sciences on October 17-18, 2021.
- National Symposium on Ornamental and Edible Horticulture: Emerging Challenges and Sustainable Goals on February 21-22nd, 2022

Publications

➢ Research papers

- Parihar, N.S., Sharma, S., Kayastha, R. and Khar S. 2022. Design and Development of a Self-propelled potato digger for small land holdings. *Agricultural Mechanization in Asia* **53**(10): 9965-9981.
- Parihar, N.S., Khar S., Sharma S., Srivastava R.K. and Sharma S. 2022. Effects of Machine and Operational Parameters on Performance of Motorised Paddy Thresher Suitable for Hilly Areas. *Journal of Agricultural Engineering (India)* **59**(4):46-48.
- Parihar, N.S., Kumar, V. and Ankit. 2021. Engineering properties of basmati-370. *International Journal of Chemical Studies* **9**(2):68-70.
- Parihar, N.S., Sharma, S. and Khar, S. 2021. Physical and mechanical properties of potato (*Kufri Jyoti*) tubers. *The Pharma Innovation Journal* **10**(12):1777-1780.
- Parihar, N.S., Hakak, F.A., Ali, M., Sharma, S. and Kumar, S. 2022. Energetics and economics of apple production in district Shopian of Kashmir region: A case study. *The Pharma Innovation Journal* **11**(1): 416-421.
- Kumar, V and Parihar, N.S. 2018. Ergonomic evaluation of manually operated single row manual vegetable transplanter. *Journal of Pharmacognosy and Phytochemistry* **7**(3):683-685
- Parihar, N.S. , Khar, S. and Sharma, S. 2022. Development of motorized paddy thresher for hilly areas. *Agricultural Mechanization in Asia, Africa and Latin America* **53** (3)
- Kayastha, R., Sharma, R., Sharma, N and Parihar, N.S. 2022. Economic evaluation of litchi cultivation in Kangra district of Himachal Pradesh. *The Pharma Innovation Journal* **11**(6):1745-1748.
- Kayastha, R., Sharma, R., Sharma, N and Parihar, N.S. 2022. Profitability of white button mushroom (Agaricus bisporus) in Himachal Pradesh. *The Pharma Innovation Journal* **11** (6): 1468-1471.
- Rana, P. Parihar, P, Shah, P. and Parihar, N.S. 2022. A study on the socio-economic status and constraints faced by the mango growers in adoption of improved post-harvest management practices in Jammu district of Jammu and Kashmir. *The Pharma Innovation Journal* **11**(6): 2487-2493.

➢ Articles

- Parihar,N.S. 2021. Farm Mechanization in Jammu division. *Daily Excelsior, Jammu* on August 3, 2021. pp:8
- Lal, M., Parihar, N.S. and Ankit. Mechanization in Fruit Culture. *Just Agriculture* **1**(8):1-10.

- Parihar, N.S. 2022. Agriculture Robots- The future of farming. *New Era Agriculture Magazine* **1**(3):21-23.
- Parihar, N.S. 2022. Precision Farming for Sustainable Development of Hilly Areas **1**(3):24-25.
- Kayastha, R and Parihar, N.S. 2022. Agriculture re-imagined through the prism of the food processing industry **1**(5): 42-44.

➢ **Abstracts**

- Parihar, N.S., Lal, M., Kumar. V, Khar, S. and Jamwal, M. 2018. Energetics and Cost Economics of Apple Production in District Shopian of Kashmir Region- A Case Study. *Innovative Technological Innovations for Doubling Farmer's Income, February 08-10, 2018*. pp 20-21.
- Parihar, N.S. and Khar, S. 2019. Precision farming for sustainable development of hills of Jammu. *8th Asian- Australasian Conference on Precision Agriculture, October 14-17, 2019*. pp 39.
- Parihar, N.S., Sharma, S., Khar, S. and Singh, J.P.2021. Development and Evaluation of Self-propelled Potato Digger. *3rd International Conference Global Initiatives in Agricultural, Forestry and Applied Sciences* **1:** 236.
- Parihar,N.S., Sharma, S. and Khar, S. 2022. Physio-mechanical Properties of Potato Tubers. *National Symposium on Ornamental and Edible Horticulture Emerging Chanllenges and Sustainable Goals, 21-22nd February 2022*. pp 117.

Experience

- Worked as Field Investigator (Contractual) in the International Food Policy Research Institute (IFPRI) sponsored collaborative project entitled, "Mapping the Adoption of Improved Varieties of Major Crops and Management Practices in Jammu"
- Worked as a Guest Faculty for Mechanic Agriculture Machinery trade and Bamboo Grower trade for three months in Industrial Training Institutte (I.T.I.) R.S. Pura, Jammu.
- Working as an Assistant Professor (Agricultural Engineering) at M.S. Swaminathan School of Agriculture, Shoolini University of Biotechnology and Management Sciences, Bajhol, Solan, H.P. since 02/03/2022.

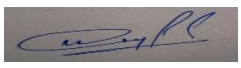
Patents Filed

- Parihar, N.S. Paddy thresher. Application Number: 202211063847. Date of filing: 09/11/2022.
- Parihar, N.S. Potato Digger. Application Number: 202211063846. Date of filing: 09/11/2022.

Declaration

I hereby declare that the above-mentioned information is correct to the best of my knowledge.

Place: Solan, Himachal Pradesh



Date: 29/01/2023 (Dr Neeraj Singh Parihar)