

# Pankaj Kumar Thakur

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## EDUCATION

**M.Tech.** in Irrigation and Drainage Engineering, GB Pant University of Agriculture & Technology, Pantnagar 2021

**B.Tech.** in Agricultural Engineering, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya 2018

## EXPERIENCES

### ➤ Research Experience

**Master's thesis** with Dr. Vinod Kumar on “Study on Current Status, Geology and Restoration Plan for Natural Springs of Hilly Region of Uttarakhand”

### ➤ Teaching Experience

**Assistant professor** at Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab, Sep. 20, 2021 to present...

### ➤ Administrative Experience

**Training coordinator**, Dept. of Agricultural Engineering, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab, Sep. 20, 2021 to present...

**Mentor**, 3<sup>rd</sup> year Agricultural Engineering under-graduate students, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab, Sep. 20, 2021 to present...

## TRAININGS

**4-week training** on Agricultural Machinery at Northern Region Farm Machinery Training & Testing Institute, Hisar (Haryana) during July 03-28, 2017

## SOFTWARE SKILLS

- ArcGIS
- QGIS
- Google Earth Pro
- MATLAB
- IBM SPSS

## FELLOWSHIPS AND GRANTS

**ICAR - Junior Research Fellowship**, Oct. 2018 – Sep. 2020, 2-Years

## AWARDS AND HONORS

**Inspire Award** for securing 1st position in science for making of Model/Project in Science Exhibition at district level during August 01 to 03, 2010

## SHORT-TERM COURSES

**12-week NPTEL online course** on “Irrigation and Drainage Engineering” offered by IIT Kharagpur, Elite + Silver certification, topper

**12-week NPTEL online course** on “Micro Irrigation Engineering” offered by IIT Kharagpur

**One-week online course** on “Advances in Remote Sensing and geospatial technologies for Disaster early warning, monitoring and mitigation” conducted by IIRS Dehradun, July 08-12, 2019

## TEST SCORES

- **ICAR-AIEEA PG2018 AIR25**
- **ASRB NET 56.22%**

## SOCIAL ACTIVITIES

**Blood Donation** [Birthday Ritual] Donated: 6 times (till now)

## PUBLICATIONS

**Thakur, P.K., Kumar, V., Thakur, V., Kumar, S. & Bhaghel, T.** (2022, February 18-19), *Application of remote sensing and GIS for natural springs restoration planning: A case study of Uttarakhand* [Abstract: Accepted, Full length paper: Under review], EraGET Geo-resources and Geosciences, Phnom Penh, Cambodia.

**Thakur, P.K., Kumar, V. and Deoli, V. (2021).** *Soil-water, agriculture, and climate change - exploring linkages*. Springer book chapter. Assessment of springwater quality using water quality indices and multivariate statistical techniques in Pithoragarh district, Uttarakhand [Abstract: Accepted, Full length paper: Under review].

## CONVENTION/WORKSHOP ATTENDED

Attended 53rd Annual Convention of ISAE and International Symposium on “Engineering Technologies for Precision and Climate Smart Agriculture, Institute of Agricultural Sciences, BHU (Varanasi), January 28-30, 2019.

Participated in One-Day National Technical Seminar on “Impact of Climate Change on Natural Resource Management” at Inderprastha Engineering College, Ghaziabad, February 29, 2020.

Participated in State Level Workshop cum Seminar on “Micro Irrigation in Uttarakhand: Present Status and Future Prospectus” organized by Precision Farming Development Centre, GBPUAT Pantnagar (Uttarakhand).

## REFERENCES

**Dr. Vinod Kumar**, Professor, Dept. of Irrigation and Drainage Engineering, College of Technology, GBPUAT, Pantnagar, Contact: 9411320050, 7906604112, Email: [doctor\\_balyan@yahoo.co.in](mailto:doctor_balyan@yahoo.co.in)

**Dr. Arvind Singh Tomar**, Assistant Professor, Dept. of Irrigation and Drainage Engineering, College of Technology, GBPUAT, Pantnagar, Contact: 6398037076, Email: [arvindstomar@gmail.com](mailto:arvindstomar@gmail.com)

**Dr. Lakhwinder Singh**, Professor and Dean Academics, Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab, Contact: 8872007780, Email: [dean.academics@bbsbec.ac.in](mailto:dean.academics@bbsbec.ac.in)

