

*Curriculum Vitae*

**PRANSHU DANGWAL**

**Assistant Professor**

Department of Biotechnology

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## **PROFESSIONAL PROFILE**

Presently working as an Assistant professor at the Department of Biotechnology, Govind Ballabh Pant Institute of Engineering & Technology, Pauri Garhwal, Uttarakhand, India (since August 2017)

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## **EDUCATION**

**M. Tech Biotechnology** (2014-2016), Graphic Era University, Dehradun

**B. Tech Biotechnology** (2010-2014), G.B Pant Engineering College, Pauri Garhwal

**HSC** (2009) from G.G.D.S.V.M. Inter College Uttarkashi (UK Board)

**SSC** (2007) from G.G.D.S.V.M. Inter College Uttarkashi (UK Board)

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## **PUBLICATIONS**

- A review Article on “Silver nanoparticles and its potential applications: A review” Shruti Agrawal, Manoj Bhatt, Sumit Kumar Rai, Arun Bhatt, Pranshu Dangwal and Pavan Kumar Agrawal Journal of Pharmacognosy and Phytochemistry, 2018; 7(2):930-937
- A review Article on “Virtuous aspects of vicious bacterial toxins” Pankaj Gautam, Pranjali Gupta, Promila Sharma and Pranshu Dangwal Journal of Chemical and Pharmaceutical Research, 2015, 7(6):279-289.

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## **PROFESSIONAL DEVELOPMENT**

### **Short term courses**

- Participated in short term course on “**Digital Signal & Image Processing**” conducted at G. B. Pant Institute of Engineering & Technology, Pauri Garhwal from June 22-26, 2018.
- Participated in the AICTE Sponsored one-week QIP Short-Term Course on “**NMR Spectroscopy for Pharma and Biotech Research**” conducted by IIT Bombay during May 14-18, 2018.

- Participated in the course “**Interactomics: High-throughput Technologies to study DNA and Protein Interactions**” conducted at IIT Bombay from February 24 to 28, 2018.
- Participated in short term course on “**Digital Image Processing and its Applications**” conducted at G. B. Pant Institute of Engineering & Technology, Pauri Garhwal from December 20-24, 2017.

#### **Professional Membership:**

- International society for infectious disease
- International Association of Engineers (Bioinformatic Society)

#### **Trainings/Projects:**

- Project entitled “Comparative genomic analysis of Pseudomonas sp. Strain JMM” under the supervision of **Prof. Rup Lal Molecular Biology Laboratory, Department of Zoology, North Campus, University of Delhi** from January 2016 to July 2016.
- Project entitled “PCR amplification of the Salmonella typhimurium by specific hydrogenase gene sequence to detect the Salmonella species” under the supervision of **Dr. Pankaj Gautam Graphic Era University, Dehradun.**
- Project entitled “Isolation & Characterization of plant growth promoting Rhizobacteria from Rhizospheric soil of Ashwagandha” under the supervision of **Dr. Pavan Aggarwal G.B. Pant Engineering College Ghurdauri, Pauri.**
- One-month summer training on “General Plant Tissue Culture Techniques on Bamboos and Medicinal Plants” under the supervision of **Dr. Ajay Thakur Scientist-D Tissue Culture Discipline, Forest Research Institute, Dehradun** from June 2013 to July 2013.

#### **Presentations in Scientific Events:**

- **Oral Presentation and Abstract published** on “Isolation & Characterization of plant growth promoting Rhizobacteria from Rhizospheric soil of Ashwagandha” at 9<sup>th</sup> Uttarakhand state science & technology congress 2014-2015, 26-28 February, 2015 at UCOST, Vigyan Dham Dehradun.
- **Poster Presentation** on national seminar on “Green Revolution for Sustainable Development” on 20<sup>th</sup> February, 2015 at UCBMS & H Auditorium, Dehradun.

#### **Participations in Scientific Events:**

- Coordinated & Participated in TEQIP-III sponsored workshop on “Self-Employment” April 4-5, 2018 at G. B. Pant Institute of Engineering & Technology, Pauri Garhwal.

- Participated in TEQIP-III sponsored seminar on “Recent trends in Electrical Engineering with emphasis on Renewable Energy” November 16-17, 2017 at G. B. Pant Institute of Engineering & Technology, Pauri Garhwal.
- Participated in TEQIP-III sponsored Two Days Workshop on Material characterization by SEM, TEM, XRD & EBSD at G. B. Pant Institute of Engineering & Technology, Pauri Garhwal from 27-28 October, 2017.
- Participated in seminar on “Optimization of immunohistochemistry & western blotting” 17th February, 2016 at AIIMS, New Delhi.
- Participated in Training on “Cell, Molecular and Developmental Biology” 26-31 October, 2015 at Graphic Era University, Dehradun.
- Participated in UNESCO category 2 center on “World Natural Heritage Management & Training for Asia and the pacific region” on 5th June 2015 at Wildlife Institute of India, Dehradun.
- Participated in two days workshop on “The Largely Unseen World of Biology” 15-16 may, 2015 at Graphic Era University, Dehradun.
- Participated workshop on “Ecosystem Services and Innovative Financing Mechanism for Natural Resource Management “on 23rd march, 2015 at Graphic Era University, Dehradun.
- Participated in the international seminar on “our Genes and Genome –Past, Present and Future” on 04th February, 2015 at I.C.F.R.E. Auditorium, Dehradun.
- Participated in junior district scientist in National Children Congress on 13<sup>th</sup> November, 2005 at G.I.C. Uttarkashi.

## **PERSONAL PROFILE**

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Name : **Pranshu Dangwal**  
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 Gender : **Male**  
 Nationality : **Indian**  
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**Date: 23/08/2018**

**(Pranshu Dangwal)**