

Dr. Devendra Kumar Pandey

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Career Objective

To pursue a challenging academic career in the field of **Biochemistry and Biotechnology**, where I can contribute to teaching, research, and academic development while promoting scientific innovation and student learning.

Professional Experience

Assistant Professor (Biotechnology)

Dr. Ghanshyam Singh P.G. College, Varanasi, India
February 2017 – Present.

- Teaching **Undergraduate and Postgraduate students** in Biotechnology.
- Involved in **laboratory training, research supervision, and academic mentoring**.
- Conducting practical sessions on biochemical and molecular biology techniques.

Guest Faculty

Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya (MGCGV), Chitrakoot, M.P.
August 2014 – June 2014

- Delivered lectures in **Biochemistry**.
- Assisted in practical laboratory sessions and student academic activities.

Educational Qualifications

Degree	University/Board	Year	Marks (CGPA/%)	Subject
Ph.D.	Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Satna (M.P.)	2016	Awarded	Biochemistry
M.Sc. (Biochemistry)	Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya	2011	7.8 Credit	Biochemistry
B.Sc. (Biotechnology)	V.B.S. Purvanchal University, Jaunpur (U.P.)	2009	56.83%	Biotechnology, Chemistry
Intermediate	U.P. Board	2006	72.2%	Science
High School	U.P. Board	2004	65.5%	Science

Ph.D. Research Topic

“Biochemical and Nutritional Traits in Mung Bean (*Vigna radiata* (L.) Wilczek) Varieties under Rainfed Conditions.”

M.Sc. Dissertation

“Oxidative Hemolysis in Stress-Induced Rat Erythrocytes.”

Completed at the **University of Allahabad.**

Technical Skills / Instrument Handling

Experienced in operation and analysis using the following instruments:

- HPLC (Empower 2 Software)
- UV-Visible Spectrophotometer (Perkin Elmer, Systronic)
- PCR (Bio-Rad)
- Gel Electrophoresis (Bio-Rad)
- FTIR (Perkin Elmer)
- Karl Fischer Titrator
- Thin Layer Chromatography (WinCAT)
- Kel-Plus Nitrogen Analyzer

Certificate Course

PGDCA – Post Graduate Diploma in Computer Applications

Completed from **ITRC.**

Professional Training

1. **Training Program on Good Manufacturing Practices and Young Scientist Development**
Deen Dayal Research Institute, Chitrakoot (2012)
2. **Instrumental Techniques in Herbal Drug Standardization**
Deen Dayal Research Institute, Chitrakoot (2011)
3. **GMP Enforcement in Ayurvedic Industry**
Deen Dayal Research Institute, Chitrakoot (2010)

Conferences, Seminars and Workshops Attended

- National Seminar on **Gramin Vikas Me Uchha Shiksha Ki Bhumika** (2014) – MGCGV, Chitrakoot
- National Seminar on **Scientific and Technical Terminology** (2013)
- National Seminar on **Challenges of Climate Change: A Response of Gramodaya** (2011)
- National Workshop on **Acharya P.C. Ray & Chemistry Today** (2011)

- National Seminar on **Mathematical Modelling** (2013)
- National Seminar on **Role of Livestock in Indian Agriculture** (2013)
- **Agropedia (NAIP Project) Training Workshop** (2011)
- **National Scientist Meet** organized by BARC Mumbai and MGCGV (2012)

Research Publications

Research Publications (published in Peer-Reviewed or UGC-listed Journals)

S.No	Title of research article(s)	Name of journal	Month & year of publication, volumeno. & page nos.	ISBN/ISSN No.	NAAS rating/ Thomson Reuters impact factor (2019)
1.	Oxidative hemolysis in Stress induced rat erythrocytes	Bioved	23(1),7-11, 2012	ISSN:0971-0108	NAAS:4.54
2.	Sugar and Mineral Content Analysis in Mungbean (<i>Vigna radiata</i> L.) Cultivar	Indian J Agric Biochem	29(2),224-226, 2016	ISSN0974-4479	NAAS:5.12
3.	Physico-chemical and antinutritional studies of chickpea	journal of Pharmacognosy and Phytochemistry	7(1),685-689 2018	ISSN2349-8234	RJIF:5.52
4.	Characterization of Chickpea (<i>Cicer arietinum</i> L.) Cultivars based on Nutritional Profiling and Chemometric Analysis	Indian J Agric Biochem	29(2),214-218, 2016	ISSN:0974-4479	NAAS:5.12
5.	Meiotic Instability Generates a Pathological Condition in Mammalian Ovum	StemCell Reviews and Reports	DOI 10.1007/s12015-020-10072-z	ISSN:2629-3269	NAAS:10.80
6.	Spontaneous Exit from Diplotene Arrest in Mammalian Oocytes in vitro: Is It ROS-Mediated?	Reactive Oxygen Species	10(28),166–170 2020	ISSN: 2380-2367	Impact Factor:4.7

7.	Estimation of Heterosis and Combining Ability for Earliness and Yield Traits in Bottle Gourd [Lagenaria siceraria (Mol.) Standl.]	International Journal of Current Microbiology and Applied Sciences	Special Issue-11 3683-3689 2020	ISSN:2319-7706	NAAS:5.38
8.	Biochemical and anti-nutritional parameters studies among mungbean varieties grown under rainfed condition	Journal of the Kalash Science	Volume-3, Number-233-37 2015	ISSN 2321-7634	
9	Genotypic evaluation and morphobiochemical characterization of Mungbean genotypes for yield and quality traits	International Journal of Advanced Biochemistry Research	Special Issue- 9(12): 135-140 2025	ISSN 2617-4707	NAAS: 5.29

Declaration

I hereby declare that the above information is true and correct to the best of my knowledge and belief.

Dr. Devendra Kumar Pandey

Place: Varanasi