

# CURRICULUM VITAE

Dr. ANUPAMA SINGH



**Ph.D (Biochemistry)**

**E-mail.I.D:** singhanupama913@gmail.com

**Contact no:** 9793720838, 9839087959.

**Permanent & Mailing Address:** Mrs. Anupama Singh  
D/O Shri Ashok Kumar Singh  
S-2/639-20,Varuna Vihar Colony,  
Near J.P.Mehta Inter College, Secrole,  
Varanasi (U.P.).  
Pin-221002.

**Ph.D Thesis Advisor :** Prof. Kapil Lawrence,  
Head, Deptt. of Molecular & Cellular Engineering,  
SHUATS,Allahabad (U.P.)India-211007.

**Thesis title:** "Evaluation of antioxidant activities in *Withania somnifera* under copper stress".

**Objective:**

To work in a challenging professional environment involving my technical expertise into broaden practical application & allied corporate sector for the best in interest of the organization.

## Educational qualification:

Examination	Board/University	Year	Percentage
High School	C.B.S.E	1999	65%
Intermediate	C.B.S.E	2002	60%
B.Sc	Udai Pratap Autonomous College,Varanasi; Affiliated to V.B.S.P.U,Jaunpur.	2007	70%
M.Sc (Biochemistry)	Sam Higginbottom Institute of Agriculture Technology and Sciences (SHIATS),Allahabad (U.P.).	2009	94% (awarded with <b>GOLD MEDAL</b> )
Ph.D (Biochemistry)	Sam Higginbottom University of Agriculture Technology and Sciences (SHUATS),Allahabad (U.P.).	2010-2017	Degree awarded.
B.Ed	Abhay Mahavidyalaya, Tarna,Varanasi; Affiliated to M.G.K.V.P,Varanasi.	2025	76%

## Experience of Teaching:

Working as an Assistant professor in Dept. of Biotechnology of Dr. Ghanshyam Singh Mahavidyalaya, Soyepur, Lalpur,Varanasi(U.P.) affiliated to M.G.K.V.P,Varanasi, from May 2023 to till now.

## Project Training:

- Six months (2009) training on title "Evaluation of some antioxidant enzyme activities in *Centella asiatica*, *Bacopa monnieri* and *Withania somnifera*". It is done from Central Institute of Medicinal and Aromatic plants, Lucknow under supervision of senior

scientist, Dr. (Mrs.) N.S. Sangwan.

- Two months(2008) training on title "Manufacturing and testing analysis of Paracetamol By I.P and B.P". It is done from Para Product Pvt. Ltd., Ghaziabad under supervision of Mr. D.P. Sinha and Mr.T.D. Singh.

### Techniques Known:

Basic biochemistry:

- Basic biochemistry techniques including DEAE Cellulose Column Chromatography, Electrophoresis and Spectrophotometry.

Protein related work:

- Protein Estimation by Lowry method.
- NATIVE-PAGE
- SDS PAGE analysis
- Enzyme assays
- Isoenzyme detection

Computer skill: DCA.

### List of Publications:

- ★ Anupama Singh, Kapil Lawrence, Swati Pandit and Reena S. Lawrence (2014).

Response of leaves, stems and roots of withania somnifera to copper stress.

*International Journal of Plant, animal and Environmental Sciences*, 4 (3); 60-67.

- ★ Anupama Singh, Kapil Lawrence, Swati Pandit and Reena S. Lawrence.

(2015). Oxidative Stress in Leaves, Stems and Roots of *Withania somnifera* on Copper Exposure. *International Journal of Pharmaceutical Sciences Review and Research*, 30(1); 239-246.

- ★ Anupama Singh and Kapil Lawrence(2024). Partial purification and kinetic

properties of Catalase from leaves of *Withania somnifera* compared under copper stress. *International Journal of Scientific Development and Research*, 9 (6):310-326.

- ★ Swati Pandit, Kapil Lawrence, Anupama Singh, Sangya Singh and Reena S. Lawrence (2013). Cellulase production by *Aspergillus flavus* and saccharification of wheat straw. *International Journal of Scientific and Engineering Research*, 4 (6):1965-1971.
- ★ Swati Pandit, Kapil Lawrence, Anupama Singh and Sangya Singh (2014). Saccharification of Bagasse, Paper waste by cellulase produced from *Aspergillus flavus*. *International Journal of Pure & Applied Bioscience*, 2 (3): 16-22.

#### List of Conferences/Workshop/Seminars:

- ★ Attended “National Seminar on Recent Advances and New Inclinations in Biological Sciences” 18<sup>th</sup> April, 2012, organized by Society of Biological Sciences, Deptt. Of Biological Sciences, SHIATS-DU, Naini, Allahabad (U.P.).
- ★ Attended Workshop on “Immunology and Immunotechniques” 18<sup>th</sup> -19<sup>th</sup> Oct, 2012, organized by Society of Biochemists & Bioprocess Technology, Deptt. of Biochemistry & Bioprocess Technology, JSBB, SHIATS, Allahabad.
- ★ Attended Workshop on “Biochemical Techniques: Applications in Life Sciences”, 13<sup>th</sup> -14<sup>th</sup> March, 2013, organized by Society of Biochemists & Bioprocess Technologists, Deptt. of Biochemistry & Biochemical Engineering, JSBB, SHIATS, Allahabad.
- ★ Anupama Singh, Studies on “Biochemical parameters of leaves, stem and roots of *Withania somnifera* under copper stress”, 23-24 Feb, 2015. International Symposium on Innovations in Educational, Environmental & Health Research (ISIEEHR), organized by Society for Educational Development & Environmental Research, Varanasi. (Oral Presentation).

- ★ **Anupama Singh** and Kapil Lawrence. Sensitivity of *Withania somnifera* to Copper stress. 26<sup>th</sup> -27<sup>th</sup> Feb, 2024, National Conference on "*Himalayan Ecosystem: Threats, Resilience and sustainable Management*" jointly organized by Government P.G. college Nagnath- Pokhari, (Chamoli) Uttarakhand and Uttarakhand science & Education research Centre, Dehradun. (Oral Presentation)
- ★ Vineet Kumar Singh, Alka Verma, Poonam and **Anupama Singh**. The Journey of education system from Ancient Guru-Shishya parampara to digitalized advanced classrooms, 27<sup>th</sup> -28<sup>th</sup> Sep, 2024. *National Seminar on "The Indigenous Education System of Bharat: From Gurukuls to Digital Classrooms"* organized by Sunbeam Women's College, Varuna, Varanasi sponsored by Indian Council of Historical research. (Oral Presentation).
- ★ Faculty Development Programme on "Pioneering Pedagogy: A training program for Life Sciences Educators of Higher Education", 25<sup>th</sup> -30<sup>th</sup>, Nov, 2024, organized by Inter University Centre for Teacher Education, BHU, Varanasi.
- ★ Attended Workshop on "Ozone layer, Climate change and Environmental Conservation-A need of 21<sup>st</sup> Century", 16<sup>th</sup> Sep, 2025, organized by Deptt. of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Soyepur, Lalpur, Varanasi.
- ★ Attended "*NEP-2020 Orientation & Sensitization Programme*". 10<sup>th</sup> -18<sup>th</sup> Nov, 2025, under UGC-MMTTP, Organized by joint collaboration with MMTTC, Department of Education, MGKVP, Varanasi and Teacher Education Department and Teacher's Reskilling Cell, T.D.P.G. College, Jaunpur.
- ★ Associated as Organizer with Workshop on "*Instrumentation Enrichment: Tools for Basic Science Research (IETBSR)*", 02-03 Feb 2026, organized by Faculty of science, Dr. Ghanshyam Singh Mahavidyalaya, Soyepur, Lalpur, Varanasi.
- ★ Anupama Singh and Tanu Singh."A comprehensive study of Floristic richness and medicinal plants diversity of area Pandeypur-Lamhi Corridor within gangetic plain,Varanasi,U.P."16<sup>th</sup> -17<sup>th</sup> March, 2026. *National Seminar on "Environment, Economy, Culture and Technology:A way forward to Viksit Bharat"*, organized by

Deptt. of Geography, Dr. Ghanshyam Singh Mahavidyalaya, Soyepur, Lalpur, Varanasi.  
(Oral Presentation).

**Personal profile:**

**Name:** Dr. Anupama singh

**Husband's Name:** Late Dr. Shivesh Singh

**Date of Birth:** 01/07/1984

**Gender:** Female

**Marital status:** Widow

**Nationality:** India

**Religion:** Hindu

**Languages known:** Hindi, English

**Strength:** Self confidence & Hard working.

**Weakness:** Highly emotional with my relation.

**Declaration:** I hereby declare that the above informations given by me are true from best of my knowledge & belief.

*Anupama Singh*