

# CURRICULAM VITAE

**Dr.VANDANA SINGH  
SURYAVANSHI**



## Contact Information:

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D/o Shri Arjun Suryavanshi

Ward No.- 08, Shanti Nagar  
Kumhari,

Distt.- Durg (C.G.)

Pin no.- 490042

## Personal Data:

**Name:** Dr. Vandana Singh  
Suryavanshi

W/o Mr. Rama Singh

**DOB :** 12- Oct-1988

**Sex** : Female

**Nationality** : Indian

**State** : Chhattisgarh

**Marital Status:** Married

## Languages Known:

- English
- Hindi

## Hobbies:

- Listening Music
- Playing badminton

## Objective :

To become Knowledge key for organization by consistently exceeding skills through hard work, creativity, innovation, determination and the effective utilization of system thinking.

## Academic Record:

DEGREE	INSTITUTE/UNIVERSITY	YEAR	RESULT
Ph.D	NIT Raipur (C.G.)	2019	Awarded
M. Phil. (Chemistry)	Dr. C. V. Raman University, Kota Bilaspur (C.G.)	2011	69.4%
M. Sc. (Chemistry)	Pt. Ravishankar Shukla University, Raipur (C.G.)	2010	61.45%
B. Sc. (C.B.Z.)	Pt. Ravishankar Shukla University, Raipur (C.G.)	2008	68.33%
12 <sup>th</sup> (P.C.B.)	Govt. H. S. School Kumhari, Durg (C.G.)	2005	67.6%
10 <sup>th</sup>	Bharti Vidhyalaya H. S. School Kumhari, Durg (C.G.)	2003	65.83%

## Experience:

- Guest Lec. in **Pt. Ravi Shankar Shukla University** Raipur C.G. (2023-25 )
- Asst. Professor in **Dev Sanskriti University** Durg C.G. (2022-2023)
- Guest Lec. in **Govt. D.K. College** Baloda Bazar C.G. (2018-2020)
- Guest Lec. in **Govt. Nagarjuna College of Science** Raipur C.G. (2015-2016)
- Asst. Professor in **Sri Rawatpura Institute of Tecnology** Raipur C.G. (2013-2015)
- Guest Lec. in **Govt. D. P. Vipra** College Bilaspur C.G. (2012)
- Asst. Professor in **Shantiniketan** College Bilaspur C.G.(2011-12)

## Project Work (Title) under my guidance

- Green Synthesis of Silver nanoparticle using ***N.Nucifera*** (stem) and its antibacterial activity.(Pt. RSU Raipur 2023-24)
- Synthesis and characterization of Chitosan loaded plant extract microsphere and its antibacterial activity. (Pt. RSU Raipur 2023-24)
- Green Synthesis of Zinc Oxide nanoparticle using ***Cassia Tora*** plant extract and its antibacterial activity. (Pt. RSU Raipur 2023-24)
- Green Synthesis of Silver nanoparticle using ***N.Nucifera*** (leaf) plant extracts and their application in antibacterial activity. (Pt. RSU Raipur 2023-24)

### My Strength:

- Honesty, Hard Work
- Positive attitude
- Self confidence

### Technical Skill:

- MS Word, Excel, Power point.
- Internet etc.

### Field of Interest:

- Teaching & Industries.

### Competencies & Skills:

- Patience
- Punctuality committed to dead lines

### Exposure: List of publication

- **Vandana Singh Suryavanshi**, Tungabidya Maharana, and Pratik Kumar Jagtap; Microencapsulation of Cassia Fistula Flower Extract with Chitosan and its Antibacterial Studies. *Current Drug Delivery* 2022; (19): 980-990.
- **Vandana Suryavanshi**, Preeti K Suresh, Chayan Das, Tungabidya Maharana; Physicochemical Properties and In-Vitro Release Study of CFLE-Chitosan Microsphere Beads. *Journal of Polymer Research*; 2019; 26(12): 288.
- **Vandana Suryavanshi**, Alekha Kumar Sutar, Tungabidya Maharana; Physicochemical Studies of Chitosan Derivatives and Optimization of Reaction Conditions using RSM Design. *Asian Journal of Chemistry*; 2019; 31(9):2029-2036.
- **Vandana Suryavanshi**, Vidya G Kartha, Tungabidya Maharana; Cassia Fistula Leaf and Flower Extract and their Antibacterial Activity: A Comparative Study. *International Journal of Chemical Engineering and Processing*; 2019; 5(1): 2455–5576.
- Vidya G Kartha, **Vandana Suryavanshi**, Tungabidya Maharana; Cassia Alata Seed Extract Loaded Chitosan: Synthesis and Release Study; *Asian Journal of Chemistry*; 2019; 32(1):21-25.
- Vidya G Kartha, Tungabidya Maharana, **Vandana Suryavanshi**; Synthesis and Characterisation of CarboxyMethyl Chitosan; *International Journal of Engineering Technology Science and Research*; 2018; 5: 245-250.

### Training program:

S. N.	Training program on	Organized by	Year
1	“Uses of E-Resources”	Central Library, NIT, Raipur (C.G.)	10 <sup>th</sup> Sept., 2014
2	“BHABHA Atomic Research Centre”	NIT, Raipur (C.G.)	23 <sup>rd</sup> Sept., 2014
3	“h-Index, i10-Index and Scopus”	Pt. Ravishankar Shukla University, Raipur (C.G.)	17 <sup>th</sup> Jan., 2015
4	“Chemistry Teachers Training Workshop”	Pt. Ravishankar Shukla University, Raipur (C.G.) and Royal Society Chemistry, WIS	6 <sup>th</sup> -8 <sup>th</sup> October 2015
5	“Technical Writing in Science Framework to Empower Quality Research”	Dept. of Mining Engineering, Central Library and Dept. of Humanities & Social Science, Raipur (C.G.)	5 <sup>th</sup> -9 <sup>th</sup> December 2017
6	“Frontiers in Material Sciences”	School of Chemistry, Gangadhar Meher University, Sambalpur, Odisha	9 <sup>th</sup> -10 <sup>th</sup> October 2020
7	“Research and Research Ethics-The Right Direction”	ICFAI University, Raipur (C.G.)	29 October 2022
8	“The arts of writing project proposals and patent filing”	ICFAI University, Raipur (C.G.)	09.12.2022

### **Lists of International Conferences:**

1. Vandana Singh; Microencapsulation of Nelumbo Nucifera Leaf Extract with biopolymer and its Antibacterial Studies; 31st International Conference of International Academy of Physical Science (CONIAPS XXXI); Pt. RSU Raipur (C.G.) December 20-21, 2024.
2. Vandana Singh Suryavanshi; Microencapsulation of chitosan-cassia beads for controlled drug release and delivery applications; International Conference on Academic Integration and Sustainable Development “An Interdisciplinary Manifesto” (IUR-AISD); ICFAI University; Durg (C.G.) May 30-31, 2023.
3. Vandana Suryavanshi, Alekha Kumar Sutar; Tungabidya Maharana; Synthesis and characterization of water soluble carboxymethyl chitosan by chemical modification method and its application for drug delivery; Innopharm2, International Conference on Bridging Innovations in Pharma. Medical & Bio Sciences (M.P. Council of Science and Technology; Bhopal (M.P); February 11-12, 2017.
4. Vandana Suryavanshi, Alekha Kumar Sutar; Tungabidya Maharana; Synthesis And Characterization Of Carboxymethyl Chitosan By Chemical Modification Method; International Conference on Recent advances in chemical sciences, (Indian Chemical Society); JECRC University; Rajasthan; December 28-30, 2015.
5. Vidya G Kartha, Vandana Suryavanshi, Alekha Kumar Sutar, Tungabidya Maharana, Synthesis and characterization of carboxymethyl chitosan; International Conference on “Natural polymers and Biomaterials”; MG University, Kerala; April 10-12, 2015.
6. Vidya G Kartha, T.Maharana, Vandana Suryavanshi; Synthesis and Characterisation of Carboxy Methyl Chitosan; 2nd International Conference on Innovative Trends in Engineering, Applied Science and Management’; ICITEASM-2018; May 2018 Osmania University Campus, Hyderabad – 500 007, Telangana State, India.

### **Lists of National Conferences:**

1. Vandana Suryavanshi, Alekha Kumar Sutar; Tungabidya Maharana; Physicochemical Properties and in-vitro Release Study of CFLE-Chitosan microsphere beads; National Conferences on Innovations in Chemistry & Environment Engineering; NIT Raipur (C.G); April 29, 2019.
2. Vandana Suryavanshi; Development of interpenetrating polymeric network (IPN) of cassia fistula as drug loaded chitosan beads for controlled drug release; 16<sup>th</sup> Chhattisgarh Young Scientist Congress-2018 on “Medical and Pharmaceutical Science”; Sponsored by CGCOST at Durg University Raipur (C.G.); 27-28 February 2018.
3. Vandana Suryavanshi, Alekha Kumar Sutar; Tungabidya Maharana; Principles of Green Chemistry and its Applications; National Conference on Environment Conservation and Sustainable Development in Chhattisgarh, (CGCOST); Govt. K.H. College Raipur (C.G.); 16-17 January 2018.

4. Vandana Suryavanshi, Alekha Kumar Sutar; Tungabidya Maharana; Carboxymethylation of Chitosan: Synthesis and Characterization; National Conference on Recent Advances in Chemical Analysis,(TEQIP-III); NIT Raipur (C.G.); December 14 2017.
5. Vandana Suryavanshi, Alekha Kumar Sutar; Tungabidya Maharana; Synthesis and characterization of water soluble carboxymethyl chitosan by chemical modification method and its application; National Seminar on Biodiversity, industrialization, Environment and We, (CGCOST); D.L.S. P.G. College Raipur (C.G.); (NCS-2016).
6. Vandana Suryavanshi, Alekha Kumar Sutar; Tungabidya Maharana; Synthesis and Characterization of Carboxymethyl Chitosan by Chemical Modification Method; National Conference on Polymer Science, (CGCOST), Shri Shankaracharya Technical Campus; Bhilai (C.G.); March 21 2015.
7. Vandana Suryavanshi; Chemical Analysis and Coal Property assessment of Gevra Coalfield; National Conference on Emerging Trends of GIS and Remote Sensing In Modern Engineering, (CGCOST), CCEM Raipur (C.G.); 2014.

**Declaration:**

I hereby declare that all particulars furnished in this application are true, complete, and correct to the best of my knowledge and belief.

**Place – Kumhari, Durg (Chhattisgarh)**

**Dr. VANDANA SINGH SURYAVANSHI**