

## CURRICULUM VITAE

### **Vandana Srivastava**

*M.Tech. (Bioinformatics), M.Sc. (Zoology)*

*Date of Birth: 05 August 1979*

*Permanent Address: 726/24, Tiliyakot, Raebareli-229001 U.P., India*

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### **Career Objective:**

To be a part of an organization where I will get an opportunity to enhance my knowledge and add value to my professional and personal growth contributing to the environment positively.

### **Educational Qualification:**

<b>Degree</b>	<b>Institution/Board</b>	<b>Year</b>	<b>Percentage</b>
Ph.D. (Incomplete)	University of Lucknow, Lucknow	22/12/2015 – 22/08/2018	(Incomplete)
M.Tech. (Bioinformatics)	Integral University, Lucknow	2015	75.09%
M.Sc. (Zoology)	F.G. Degree College, Raebareli	2001	62.17%
B.Sc. (Zoology, Botany)	F.G. Degree College, Raebareli	1998	60.67%
Intermediate (PCB)	Govt. Girls Inter College, Raebareli	1995	64.8%
Highschool	Govt. Girls Inter College, Raebareli	1993	58.33%

### **Scientific Publications:**

- 1) **Srivastava, V.**, Sethi, R., Swaroop, S., (2018). “STUDY OF PREVALENCE OF ISCHAEMIC HEART DISEASE/CORONARY ARTERY DISEASE: INDIAN AND GLOBAL SCENARIO” *International Journal of Emerging Technologies and Innovative Research*. Volume 5, Issue 6, pp. 541-47. ISSN-2349-5162 [Impact Factor: 5.87]
- 2) Janahia, E.M., Dhasmana, A., **Srivastava, V.**, Sarangie, A.N., Raza, S., Arif, J.M., Bhatt, M.L.B., Lohani, M., Areeshi, M.Y., Saxena, A.M., Haqueh, S., (2017). “IN SILICO CD4+, CD8+ T-CELL AND B-CELL IMMUNITY ASSOCIATED IMMUNOGENIC EPITOPE PREDICTION AND HLA DISTRIBUTION ANALYSIS OF ZIKA VIRUS” *EXCLI Journal*. Volume 16, pp. 63-72. ISSN 1611-2156 [Impact Factor: 2.424]
- 3) Firdaus, S., Dhasmana, A., **Srivastava, V.**, Bano, T., Fatima, A., Jamal, Q.M.S., Jahan, R., Wadhwad, G., Lohani, M., (2015). Interaction pattern for the complex of B-DNA/Fullerene compounds with a set of known replication proteins using docking study. *Bioinformation* 11(3): 122-126. ISSN 0973-2063. [impact factor 5.766]
- 4) Firdaus, S., Dhasmana, A., Haque, S., Mir, S.S., Jahan, R., Bano, T., **Srivastava, V.**, Khan, S., Lohani, M., (2015). INTERACTION PATTERN OF FULLERENES (C20-C180) AND CARBON NANOTUBES WITH DIFFERENT FORMS OF DNA: A COMPUTATIONAL BIOLOGY APPROACH. *Theor Biol Forum*. 108 (1 – 2): 41-55. PMID: 27167909. [Impact factor: 0.421].

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### **Research Experience:**

- Worked as Research Scholar in University of Lucknow from 22<sup>nd</sup> December 2015 to 22<sup>nd</sup> August 2018.

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**Dissertation Topic (during M. Tech):** Six months of dissertation from 1<sup>st</sup> January 2015 to 30<sup>th</sup> June 2015, entitled on “*In silico CD4+, CD8+, Humoral immunity associated epitope prediction and HLA distribution analysis for the potential protein (gp46) of HTLV-I: First Insight towards Prophylactic Device against Oncogenic Virus*” Under the supervision of Prof. Mohtashim Lohani, Integral University, Lucknow.

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**Awards:**

- Won 3<sup>rd</sup> Prize in successfully completed and written exam in seven day workshop on “Gene Cloning & Its Expression to produce Genetically Modified Organisms” held at *Maharishi University of Information Technology, Lucknow*. 20<sup>th</sup> – 26<sup>th</sup> November 2017.

**Conferences & Workshops:**

- Abstract entitled “Changing trends in the prevalence of Coronary artery disease/ Ischaemic heart disease in India” presented at *International Symposium on Current Trends in Biological Sciences, University of Lucknow; Lucknow*. 27<sup>th</sup> – 28<sup>th</sup> March 2018.
  - Abstract entitled “Dyslipidemia – a major risk factor associated with Coronary Artery Disease (CAD)” presented at *National Conference on Diseases and Drugs: Emerging Trends and Challenges, Zakir Husain Delhi College; Delhi*. 31<sup>st</sup> January - 1<sup>st</sup> February. 2018.
  - Successfully completed seven day Workshop on “Gene Cloning & Its Expression to produce Genetically Modified Organisms” held at *Maharishi University of Information Technology, Lucknow*. 20<sup>th</sup> – 26<sup>th</sup> November 2017.
  - Successfully completed short term training program on “Molecular Docking and Dynamics Simulation Analysis” held at *Bioinformatics Infrastructure Facility (BIF), Center of Excellence in Bioinformatics (COEBI) Department of Biochemistry, University of Lucknow, Lucknow*. 19<sup>th</sup> - 20<sup>th</sup> February, 2016.
  - Participated in the 16<sup>th</sup> Indian Agricultural Scientists & Farmers Congress (16<sup>th</sup> IASFC) on Nanobiotechnological approaches for sustainable Agriculture & Rural Development organized by *Department of Bioengineering, Integral University, Lucknow*. 22<sup>nd</sup> - 23<sup>rd</sup> February, 2014
  - Attended 1<sup>st</sup> national level workshop on “Computer Aided Drug Designing” (1<sup>st</sup> – NW-CADD-2013) organized by *Department of Bioengineering, Integral University, Lucknow*. 9<sup>th</sup> - 10<sup>th</sup> November, 2013.
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**Other Experiences:**

- Worked as **Subject Matter Expert** (Biology) on SQNA and CF Project: *online portal Chegg* & as **QC** (Biology) on Numerade Video Project: *online portal Numerade* in Innovalance Learning Systems Pvt. Ltd., Delhi (Remote work from 21<sup>st</sup> February 2023 to 30<sup>th</sup> November 2023)
  - Seven month experience as Subject Matter Expert (Biology): *online portal Brainly* in SPZ solution Pvt. Ltd., Lucknow (Office work from August 2022 to February 2023)
  - Three Year experience as Life science research content writer (Project proposal, Thesis, Dissertation, Research proposal, Synopsis, Assignments, Review and Research article) in IndiMediScience Research & Writing Consultancy Services, Lucknow (Remote work from October 2018 to April 2021).
  - Seven year teaching experience in A.B.S.N. Intermediate College, Raebareli (from 3<sup>rd</sup> July 2001 to 17<sup>th</sup> April 2007).
  - Five year teaching experience in SCIT Computer Institute, Raebareli (from 23<sup>rd</sup> September 2007 to 22<sup>nd</sup> February 2012).
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**Technical Expertise:**In vitro techniques

- DNA and RNA isolation and estimation, Gel electrophoresis, Spectroscopic analysis, PCR, Western Blotting

In silico techniques

- Molecular Modeling, Molecular Docking Studies, Computer Aided Subunit Vaccine Designing, Molecular Dynamics, Phylogenetic Analysis
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***Professional Education:***

- One Year Diploma in Software Application and Programming with “A” Grade from SCIT Computer Institute, Raebareli (2007)
  - One Year computer course in Hardware (Component Level) & Networking from Institute of Hardware Technology (2008)
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***Personal:***

I was pursuing Ph.D. from Department of Zoology, University of Lucknow (Registration). Ph.D. work was from Department of Cardiology, K.G.’ Medical University, U.P., Lucknow. I worked from 22<sup>nd</sup> December 2015 to 22<sup>nd</sup> August 2018 along with completion of Ph.D. course work and attending conferences, workshops, poster presentation & publication (review article). Unfortunately, I could not complete Ph.D. due to financial problems.

**Ph.D. Topic:** *Role of DNA Methylation in the risk assessment of Coronary Artery Disease* (under the supervision of Dr. Suchit Swaroop, Assistant Professor, Experimental and Public Health Laboratory, Department of Zoology, University of Lucknow)

**Approved reference code:** 90<sup>th</sup> ECM II A/P17 (from Ethics Committee, Department of Cardiology, K.G.’ Medical University, U.P., Lucknow for research proposal entitled “Role of DNA Methylation in the risk assessment of Coronary Artery Disease” under the supervision of Prof. Rishi Sethi)

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***Personal Details:***

Father’s Name : Mr. Prem Prakash Srivastava  
Mother’s Name : Late Savitri Srivastava  
Marital Status : Single  
Sex : Female  
Nationality : Indian

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**Declaration:**

I hereby declare that the above mentioned information is correct to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Place: Raebareli

(Vandana Srivastava)