

## Curriculum Vitae

**Name** - Dr. Archana Rao  
**Date of Birth** - 29/05/1996  
**Father's Name** - Shri Satya Prakash  
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**Address** - Ashok Nagar, Basharatpur, Gorakhpur (U.P.)

### Academic Qualification:

	<b>Name of School/University</b>	<b>Year</b>	<b>Percentage</b>
High School	S.S.M.HR.SEC. SCH Gorakhpur (CBSE Board)	2010	76
Intermediate	S.S.M.HR.SEC. SCH Gorakhpur (CBSE Board)	2012	70
B.Sc.(Bio)	D.D.U. Gorakhpur University, Gorakhpur	2016	62
M.Sc.(Zoology)	D.D.U. Gorakhpur University, Gorakhpur	2018	69
Ph.D.	D.D.U. Gorakhpur University, Gorakhpur	2024	Awarded

- **CSIR-NET Life Science-** Qualified in 2024

**Research Title:** Effect of certain pesticides on calcium regulating endocrine gland of a mammal.

### Research Publications :

- Rao, A., Upadhyay, R., Srivastav S. K., 2023. Ameliorative Effects of Amla Fruit Pulp Extract and Selenium on Dimethoate Induced Alteration in Serum Calcium and Phosphate Level of Rats. Int. J. Zool. Invest. 9(2): 1198-1206.
- Rao, A., Upadhyay, R., Srivastav S. K., Suzuki, N. and Srivastav, A.K., 2024. Protective effects of Amla (*Emblica officinalis*) fruit pulp extract and selenium against dimethoate induced nephrotoxicity in Wistar rats. Int. J. Zool. Invest. 10(1):1104-1113.
- Archana Rao, Sunil Kumar Srivastav and Ravi Kant Upadhyay., 2023. Toxic and biological effects of glyphosate in animals. W. J. Pharma. Res. 12:19, 396-412.
- Archana Rao, Sunil Kumar Srivastav and Ravi Kant Upadhyay., 2024. Effect of organophosphorus herbicides on physiology of fresh water fishes and soil animals. W. J. Pharmacy Pharama. Sci. 13:2

### **List of Conferences:**

- Participated in poster presentation on the topic of “Effect of pesticides on endocrine system of mammal” in National Conference on “Climate Change: Its Impact on Biodiversity and Ecological Sustainability” organized by Department of Zoology, Marwar Bussiness School, Gorakhpur. 17<sup>th</sup> to 18<sup>th</sup> April, 2023.
- Participate in poster presentation on the topic “Pesticides in food crops and health hazards” in National Conference on Scientific Advancement for Sustainable Environment, Herbal Medicines and Impact on Health: An Earth day Celebration (SASE) organized by Institute of Medical Sciences, BHU, Varanasi, Uttar Pradesh in collaboration with Banaras Hindu University and National Environmental Science Academy New Delhi, held from 22<sup>nd</sup> to 23<sup>rd</sup> April, 2023.
- Participated in poster presentation in International Conferences on Emerging Trends in Microbiology (ICETM-2023) organized by Faculty of Botany , M.L.K. (P.G.) College , Balarampur U.P. 28<sup>th</sup> February and 1<sup>st</sup> March, 2023 .
- Participated in poster presentation in International Conferences on Integrative Interdisciplinary Avenues in Biology and Applied science: Perspectives To Sustainable Development organized by Faculty of Bio Science, M.L.K. (P.G.) College , Balarampur U.P. 27<sup>th</sup> and 28<sup>th</sup> April 2024.
- Participated in One day awareness workshop on “Intellectual Property Rights (IPR)” organized by the Research and Developmental Cell and IPR cell, Deen Dayal Upadhyaya Gorakhpur University, Gorakhpur U.P. 2<sup>nd</sup> March 2024.