

## CURRICULUM VITAE

### Personal details:

Name: Shikha Jaggi

DOB: 18 march, 1989

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Present Position: Assistant Professor, Department of Zoology, Gandhi Memorial National College, Ambala Cantt.

### Academic profile:

Grade	School/college	Board	Year	Percentage
PhD	Department of Zoology	Kurukshetra University	2012-2016	Degree awarded
M. Sc.	Department of Zoology	Kurukshetra University	2009-2011	76.15
B. Sc. (Hons.)	Hans Raj College	Delhi University	2006-2009	69.36
XII	C.R.P.F Public School	CBSE	2006	83.20
X	C.R.P.F Public School	CBSE	2004	80.40

### Academic honors:

1. Life Member of Indian Science Congress Association (Membership no. L36731 dated 2).
2. Qualified CSIR-NET (LS) twice i.e. June 2011 (0018/1101 rank) and December 2011 (0032/1232 rank).
3. Qualified UGC-JRF in June 2012 (0066/0644 rank).
4. Qualified GATE in 2013.
5. Second topper and distinction in M.Sc. in the Department of Zoology, Kurukshetra University.

### Research Experience:

4 years 3 months 6 days (12 Jan, 2012 – 18 Mar, 2016)

**Area/ field of work:** Molecular Cell Biology/ Human Cytogenetics.

**Teaching Experience:** 2 years

**Research papers published:**

1. Shikha Jaggi and Abhay Singh Yadav. Distribution of ABO and Rh (d) allele frequency among four endogamous populations of Haryana. International Journal of Research in Applied, Natural and Social Sciences (ISSN (E): 2321-8851; ISSN (P): 2347-4580). Vol. 2, Issue 2, Feb 2014, 77-80.
2. Shikha Jaggi and Abhay Singh Yadav. Distribution of morphological and behavioural traits among four endogamous groups of Haryana. International Journal of Humanities, Arts, Medicine and Sciences (ISSN (E): 2348-0521). Vol. 2, Issue 3, Mar 2014, 15-18.
3. Shikha Jaggi and Abhay Singh Yadav. Distribution of ABO and Rh (D) Allele Frequency Among the Type 2 Diabetes Mellitus Patients. American International Journal of Research in Formal, Applied & Natural Sciences (ISSN (Print): 2328-3777, ISSN (Online): 2328-3785, ISSN (CD-ROM): 2328-3793). Vol 5, Issue 1, Dec 2013- Feb 2014, 24-26.
4. Shikha Jaggi and Abhay Singh Yadav. Distribution of ABO and Rh (D) allele frequencies in the type 1 diabetes mellitus patients and healthy individuals. International Journal of Health Sciences and Research (ISSN: 2249-9571). Vol 4, Issue 9, Sept 2014, 271-281.
5. Shikha Jaggi and Abhay Singh Yadav. Increased serum malondialdehyde levels among cigarette smokers. The Pharma Innovation Journal (ISSN: 2277-7695), Vol 4, Issue 4, 2015, 94-96.
6. Abhay Singh Yadav and Shikha Jaggi. Buccal micronucleus cytome assay- a biomarker of genotoxicity. Journal of Molecular Biomarkers & Diagnosis. Vol 6, 2015, 3.
7. Shikha Jaggi and Abhay Singh Yadav. Evaluation of Genetic Damage in Lymphocytes of Healthy Population of Haryana Using Comet Assay. Indian Journal of Genetics and Molecular Research (p-ISSN: 2319-4782), Vol 3, 2015, 41-44.
8. Shikha Jaggi and Abhay Singh Yadav. Incidences of nuclear anomalies in relation to quantity and duration of gutkha consumption in gutkha consumers. Journal of Cell and Tissue Research (ISSN: 0973-0028, E-ISSN: 0974-0910), Vol 15, 2015, 5019-5024.
9. Shikha Jaggi and Abhay Singh Yadav. Impact of Environmental Changes on Biodiversity. In: Singh S (Eds.) Biodiversity Monitoring Management and Utilization. 1<sup>st</sup> edn. Astral International, New Delhi, 2018, pp. 217-238.
10. Singh S, Verma S, Mishra S, Jaggi S and Gupta S. Bioinformatics Tools in Drug Discovery. In: Singh RP, Yadav K, Jaggi S and Rathi M (Eds.) Emerging Trends and Challenges in Biosciences. 1<sup>st</sup> edn. Astral International, New Delhi, 2019, pp. 347-366.
11. Edited a book entitled “Emerging Trends and Challenges in Biosciences”.

## **Conferences and Seminars:**

1. Presented a paper and attended “National Seminar on Contemporary Issues in Human Biology in the 21<sup>st</sup> Century” at Department of Human Biology, Punjabi University, Patiala, Punjab. (UGC Sponsored)
2. Attended “National Seminar on Recent Advances in Human Biology” at Department of Human Biology, Punjabi University, Patiala, Punjab. (UGC Sponsored)
3. Presented a paper and attended “International conference on future prospects of advancement in biological sciences, health issues & environmental protection” at Indira Gandhi Pratishthan, Lucknow. (State Sponsored)
4. Presented a poster and attended “First South Asian Biotechnology Conference 2015” at Faculty of Life Sciences and Biotechnology, South Asian University, Akbar Bhawan, Chanakyapuri, New Delhi.
5. Presented a paper and attended National Seminar on “Innovative Researches in Life Sciences” at Department of Zoology, Maharshi Dayanand University, Rohtak. (M.D.U. sponsored)
6. Presented a paper and attended National Conference on “Therapeutic Potential of Natural Products: Current Innovations & Future Trends” at Department of Genetics, Maharshi Dayanand University, Rohtak. (UGC Sponsored)
7. Participated in the National Seminar on “Recent Advances in Human Genetics A Series of Lectures on Human Genetics” at Department of Human Genetics, Punjabi University, Patiala, Punjab. (UGC Sponsored)
8. Participated in the Seven Days Lecture Series on “Use of S.P.S.S. in the field of Research” at Dr. B. R. Ambedkar Studies, Kurukshetra University, Kurukshetra.
9. Presented a paper and attended National Conference on “Evolving New Horizons of Zoological Sciences in Human Welfare” at Department of Zoology, Kurukshetra University, Kurukshetra.
10. Attended Science Conclave- 2017 at Kurukshetra University, Kurukshetra (DST sponsored).
11. Organizing secretary, presented a paper and attended National Seminar on “Emerging Trends and Challenges in Biosciences” at Department of Botany and Zoology, G.M.N. College, Ambala Cantt. (DGHE sponsored).
12. Organizing secretary of “Science Awareness Programme” at Department of Botany and Zoology, G.M.N. College, Ambala Cantt. (ISCA, Kurukshetra chapter sponsored).
13. Presented a paper and attended National Seminar on “Computational Sanskrit and Machine Translation: Possibilities and Challenges” at Department of Sanskrit, Computer Science and Computer Application, G.M.N. College, Ambala Cantt. (Haryana Sanskrit Academy sponsored).
14. Presented a paper and attended National Seminar on “Art and Culture: Tradition, Circumstances and Possibilities” at Department of Music, G.M.N. College, Ambala Cantt. (DGHE sponsored).

15. Presented a paper and attended National Seminar on “Role of intellectual property rights in present scenario” at Department of Commerce and Management, G.M.N. College, Ambala Cantt. (DGHE sponsored).
16. Member of organizing committee, presented a paper and attended National Seminar on “Science of ayurveda: possibilities and challenges” at Department of Sanskrit and Botany, G.M.N. College, Ambala Cantt. (Haryana Sanskrit Academy sponsored).
17. Presented a paper and attended National Conference on “Advances in zoology for sustainable development” at Department of Zoology, Kurukshetra University, Kurukshetra.
18. Organizing secretary of “Science Awareness Programme” at Department of Botany and Zoology, G.M.N. College, Ambala Cantt. (ISCA, Rohtak chapter sponsored).
19. Member of organizing committee, presented a paper and attended National Seminar on “Issues and Challenges in road safety” at G.M.N. College, Ambala Cantt. (Transport Department, Haryana sponsored).