

# **CURRICULUM VITAE**

**Name of candidate:** Dr. Paramjeet Kaur

## **Qualifications:**

M.Sc. (Hons.) Zoology (Guru Nanak Dev University, Amritsar)

Ph. D. Zoology (Kurukshetra University Kurukshetra), Haryana, India

Specialization: Cytogenetic Analysis of Beetles

## **Employment Experience:**

- Working as Assistant Professor **on contract basis** in Department of Zoology, Kurukshetra University, Kurukshetra, Haryana- India since 2012.

## **Publications**

### **Book**

1. **Kaur P** and Yadav A S (2024). A Practical Handbook on Cytogenetics. *ed.1*, Mahi Publications, Ahmedabad, Gujarat, India. pp. 154

### **Research Papers**

1. **Kaur P** and Yadav A S (2010). Chromosomal investigations on four species of Coccinellidae (Coleoptera: Polyphaga) from Haryana (India). *Journal of Cytology and Genetics*. 11(NS): 21-28
2. **Kaur P** and Yadav A S (2011 a). Karyological investigations on four species of Scarabaeinae (Scarabaeidae: Coleoptera). *Journal of Entomological Research*. 35(4): 375- 380
3. **Kaur P** and Yadav A S (2011 b). Chromosome number and sex-determining mechanism in forty-one species of polyphagan Coleoptera (Insecta) from India. *Journal of Cytology and Genetics*.12(NS): 47-50
4. **Kaur P** and Jain R (2014). Spatial variation in the community structure of dung beetles (Coleoptera: Scarabaeidae) in Kurukshetra, Haryana. *Annals of Agri-Bio Research*. 19(3) : 511-514

5. Jain R and **Kaur P** (2014). Study of community structure of dung beetles (Scarabaeidae: Coleoptera) by light trap sampling from agricultural site. *Annals of Agri-Bio Research.* 19(3) : 515-517
6. **Kaur P** and Yadav A S (2014 a). A new diploid chromosome number in *Gymnopleurus* Illiger, 1803 (Coleoptera: Scarabaeidae, Scarabaeinae) from Haryana, India. *IOSR Journal of Agriculture and Veterinary Science.* 7 (1) ver. III: 51-55
7. **Kaur P** and Yadav A S (2014 b). Karyotypic characterization and C-banding of representatives from Geotrupinae and Dynamopinae (Coleoptera: Scarabaeidae). *IOSR Journal of Agriculture and Veterinary Science.* 7 (1) ver. V: 1-5
8. **Kaur P** and Yadav A S (2014 c). A new cytological record of two scarab beetle species from the genus *Gymnopleurus* Illiger, 1803 (Coleoptera: Scarabaeidea). *Journal of Entomology and Zoology Studies* 2 (2): 1-3
9. **Kaur P** and Yadav A S (2014 d). New cytological data of dung beetle species from the genus *Onthophagus* Latreille (Coleoptera:Scarabaeidae, Scarabaeinae) from Haryana. *Journal of Entomology and Zoology Studies.* 2 (3): 1-6.
10. **Kaur P** and Yadav A S (2017). Cytogenetic characterization of *Mylabris pustulata* (Coleoptera: Meloidae). *International Journal of Entomology Research* 2 (2): 64-69.
11. **Kaur P** and Yadav A S (2018 a). Cytogenetic analysis, karyotype evolution and phylogenetic study of family Scarabaeidae (Coleoptera: Insecta). *RESEARCH REVIEW International Journal of Multidisciplinary* 3 (8): 390-409.
12. **Kaur P** and Yadav A S (2018b). The first cytogenetic report of *Hoplopoderus gemmeatus* (Attelabidae: Coleoptera: Insecta) from Indian fauna. *International Journal of Entomology Research* 3 (5): 20-24.
13. **Kaur P** (2018). Temporal variation in the community structure of dung beetles (Scarabaeidae: Coleoptera: Insecta) in Kurukshetra, Haryana. *International Journal of Entomology Research* 3 (5): 25-27.
14. **Kaur P** (2019). Karyotypic characterisation and C-banding in *Catharcius molosus* (Scarabaeinae : Scarabaeidae: Coleoptera). *International Journal of Research and Analytical Review.* 6 (1): 942-948.
15. **Kaur P** and Yadav A S (2021). New cytological record of karyotypic characterization and C-banding patterns in *Catharcius pithecius* F.(Scarabaeinae: Scarabaeidae: Coleoptera). *Journal of Entomological Research.* 45 (3) : 490-493

16. **Kaur P** and Kakkar N (2022). Bionomics and cytometric analysis of *Caccobius ulti* and *Caccobius vulcanus* (Scarabaeinae: Scarabaeidae: Coleoptera) detected by standard staining, C-banding and AgNOR-banding. *Journal of Entomological Research* 46 (3) : 660-666
17. **Kaur P** (2022). *Hybosorus orientalis* (westw.) As a connecting link between Geotrupinae and Scarabaeinae (Scarabaeidae: Coleoptera) on the basis of cytogenetic analysis. *Bioinfolet* 19(4): 354-358
18. **Kaur P** (2023). Karyotypic analysis of *Oniticellus pallens* (Scarabaeinae: Scarabaeidae: Coleoptera). *Bioinfolet* 20 (2): 158-161
19. **Kaur P** and Kakkar N (2024). An ecological, morphological, and chromosomal study of *Dysdercus koenigii* (Pyrrhocoridae: Hemiptera) in Kurukshetra, Haryana. *International Journal of Entomology Research* 9(3): 74-78
20. **Kaur P** and Yadav A S (2024). Cytogenetic profiling of *Oniticellus pallipes* (Scarabaeinae: Scarabaeidae: Coleoptera) from Kurukshetra, Haryana, India. *Journal of Entomological Research*. 48 (4) : 649-652 DOI : 10.5958/0974-4576.2024.00127.3
21. **Kaur P** (2025a). Karyotypic Analysis of *Oniticellus cinctus* (Coleoptera: Scarabaeidae: Scarabaeinae) from Kurukshetra, Haryana, India. *International Journal of Entomology Research* 10(5): 67-69
22. **Kaur P** (2025b). Karyotypic architecture of *Zygogramma bicolorata* Pallister (Coleoptera: Chrysomelidae: Chrysomelinae) from Kurukshetra, Haryana, India. *The Bioscan* 20(3): 365-368

### Book Chapters

1. Kakkar N, Gupta S.K. & **Kaur P** (2016). Community Composition of Biodiversity and Conservation Research Candidate: Scarab (Scarabaeidae: Coleoptera). State of Biodiversity, In: Population, Development and Environment: An Indian Experience. Manakin Press Pvt. Ltd., New Delhi-110020, India. Pp. 323-328
2. **Kaur P** and Kakkar N (2016). Phenology Morphometric and Cytogenetic Diversity of *Aphodius* in Kurukshetra, Haryana India (Scarabaeidae), State of Biodiversity, In: Population, Development and Environment: An Indian Experience . Manakin Press Pvt. Ltd., New Delhi-110020, India. Pp. 351-361

### Oral Presentation

1. *Antinematodal properties of some Leguminosae seeds.* In **National Congress on Centenary of Nematology in India: Appraisal and Future Plans at Indian Agricultural Research Institute, New Delhi** (2001).

2. *Role of Cassia fistula to control nematode infestation in agricultural fields. In National Seminar on Technical Advances in Environment Management and Applied Zoology at Kurukshetra University, Kurukshetra , Haryana (2008).*
3. *Karyotypic characterisation and C-banding of representatives from Geotrupinae and Dynamopinae (Coleoptera: Scarabaeidae), In 3<sup>rd</sup> congress on insect Science, Indian Society for the Advancement of Insect Science at Punjab Agricultural University, Ludhiana, Punjab (2011).*

## Poster Presentation

4. *Temporal variation in the community structure of dung beetles (Scarabaeidae: Coleoptera : Insecta) in Kurukshetra Haryana. In UGC-SAP sponsored National Seminar on Challenges in sustainable Management of Natural Resources, Kurukshetra University Kurukshetra, Haryana-India (2017)*
5. *Chromosomal study of Mylabris pustulata (Insecta: Coleoptera: Meloidae. In 30<sup>th</sup> All India Congress of Zoology and National Seminar on Advances in Zoology for Sustainable Development, Kurukshetra University Kurukshetra, Haryana-India (2018)*

## Conferences Attended

1. **National Congress on Centenary of Nematology in India: Appraisal and Future Plans at Indian Agricultural Research Institute, New Delhi (2001).**
2. **National seminar on ‘Water Conservation- Need Of The Hour’ at Gandhi Memorial National (P.G.) College, Ambala Cantt. Haryana (2007).**
3. **National seminar on ‘Technichal Advances in Environment Management and Applied Zoology’, Department of Zoology, Kurukshetra University, Kurukshetra, Haryana (2008).**
4. **National seminar on ‘Managing Climate Change: Molecules to Communities’, Department of Zoology, Kurukshetra University, Kurukshetra, Haryana (2009).**
5. **XXII National Symposium on ‘Chronobiology’, Department of Zoology, Kurukshetra University, Kurukshetra, Haryana (2011).**
6. **In 3<sup>rd</sup> Congress on Insect Science, ‘Indian Society for the Advancement of Insect Science’ at Punjab Agricultural University, Ludhiana, Punjab (2011).**
7. **International conference on Entomology at Department of Zoology and environmental Scinces, Punjabi University, Patiala, Punjab (2012).**

## **Membership Details**

1. Life time membership of Entomological Society of India , Delhi, India
2. Life time membership of Society of Cytologists and Geneticists, Bengaluru, India

## **Reviewer**

1. Peer reviewer in the Uttar Pradesh Journal of Zoology, MB International Media and Publishing House, 83A Prince ST, Edinburgh, EH2 2ER, UK **(2024)**