



DEPARTMENT OF ZOOLOGY
DYAL SINGH COLLEGE, UNIVERSITY OF DELHI
FACULTY DETAIL



| Title | DR. | First Name | प्रियव्रत [PRIYA VRAT] | Last Name | आर्य [ARYA] | Photograph |
|---|------------------------------------|------------|--|--------------------|-------------------------|------------|
| Designation | | | PROFESSOR | | | |
| Address | | | Dept. of Zoology, Dyal Singh College (University of Delhi) Lodhi Road, New Delhi-110003 | | | |
| Phone No Office | | | 011-24367819 | | | |
| Residence | | | -N.A.- | | | |
| Mobile | | | 9868060402 (For WhatsApp Only) | | | |
| Email | | | aryapv@dsc.du.ac.in; aryapv@rediffmail.com | | | |
| Web-Page | | | https://www.researchgate.net/profile/P_Arya | | | |
| Educational Qualifications | | | | | | |
| Degree | | | Institution/University | | Year | |
| B. Sc. (Botany, Chemistry & Zoology) | | | Ch. C. S. University, Meerut | | 1997 | |
| M. Sc. (Zoology) | | | Ch. C. S. University, Meerut | | 1999 | |
| M. Sc. (Cancer Immunology & Biotechnology) | | | University of Nottingham, Nottingham, United Kingdom | | 2013 | |
| M. A. (Sociology) | | | Ch. C. S. University, Meerut | | 2015 | |
| M. A. (Defense Studies) | | | Ch. C. S. University, Meerut | | 2018 | |
| M. A. (Economics) | | | IGNOU, Delhi | | 2021 | |
| M. Phil. (Zoology) | | | Ch. C. S. University, Meerut | | 2001 | |
| Ph. D. (Zoology) | | | Ch. C. S. University, Meerut | | 2005 | |
| Career Profile | | | | | | |
| Sl | Institution/Place | | Position | From (Date) | To (date) | |
| 1. | Dyal Singh College, Delhi | | Professor | 13.09.2020 | Till Date | |
| 2. | -Do- | | Associate Professor | 13.09.2017 | 12.09.2020 | |
| 3. | -Do- | | Assistant Professor (Stage-III) | 13.09.2014 | 12.09.2017 | |
| 4. | -Do- | | Assistant Professor (Stage-II) | 13.09.2009 | 12.09.2014 | |
| 5. | -Do- | | Assistant Professor (Stage-I) | 07.08.2009 | 12.09.2009 | |
| 6. | -Do- | | Lecturer (Temporary) | 13.09.2005 | 07.08.2009 | |
| 7. | Ch. C. S. University, Meerut, (UP) | | CSIR-NET-SRF | 01.08.2003 | 12.09.2005 | |
| 8. | -Do- | | CSIR-NET-JRF | 23.07.2001 | 31.07.2003 | |
| Administrative Assignments (From 1st July 2017 onwards) | | | | | | |
| 1. Public Information Officer (PIO) of the college (since 01.03.2011 till date). | | | | | | |
| 2. College Nodal Officer for NIRF (2016, 2017, 2018, 2019, 2020 & 2021). | | | | | | |
| 3. Nodal Officer, Vigilance Awareness Week 2017- 2019. | | | | | | |
| 4. Returning Officer –Dyal Singh College Student Union Election 2019-20. | | | | | | |
| 5. Admission Coordinator/Nodal Officer : 2019-20, 2020-21. | | | | | | |
| 6. Nodal Officer Open Book Examination –I/II & Dec. 2020. | | | | | | |
| 7. Teacher-in-Charge Zoology 18-19(<i>interim</i>)). | | | | | | |
| Areas of Interest / Specialization (Starting with Recent) | | | | | | |
| Parasitology, Cancer Biology, Bioinformatics, Biological Warfare, Environmental Toxicology & Theoretical Biology | | | | | | |

| Subjects Taught |
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| <p>B. Sc. Life Science Semester-VI : Immunology B. Sc. (H) Semester-III GE : Environment and Public Health B. Sc. (H) Semester-III GE : Food Nutrition and Health B. Sc. (H) Semester-I GE : Animal Diversity B. Sc. Life Science Semester-I : Animal Diversity B. Sc. Life Science Semester-IV :Genetics and Evolutionary Biology B. Sc. Life Science Semester-V: Applied Zoology B. Sc. Life Science Semester-VI: Aquatic Biology B. Sc. Life Science Semester-III : Physiology and Biochemistry B. Sc. Life Science Semester-III/V : Medical Diagnostics B. Sc. (H) Zoology Semester-I : Perspectives in Ecology B. Sc. (H) Zoology Semester-VI: Evolutionary Biology</p> |
| Research Guidance |
| <p>Approved as Ph.D. Supervisor by Board of Research Studies (Science), University of Delhi <i>w.e.f.</i> 19.03.2021 students requested from academic session 2022-23.</p> |
| Publications Profile (From 1 st July 2017 onwards) |
| <ol style="list-style-type: none"> 1. Fozail Ahmad, C. Sharma, V.P. Aggarwal & P.V. Arya (2016). Revisiting diversity and geographical distribution of eight minor families viz., Anoplodiscidae, Axinidae, Capsalidae, Cichlidoxyridae, Heteraxinidae, Hexabothriidae, Bothitrematidae and Tetraonchoidae of Class Monogenea. <i>International Journal of Innovation Science and Research (IJISR)</i> ; 5(1) : 608-610. 2. Fozail Ahmad, Dharmendra Singh, P.V. Arya and H.S. Singh (2016). <i>In-silico</i> Phylogenetic tools employed on some members of five major families of Monogenea viz., Monocotylidae, Ancylo-discoididae, Ancyrocephalidae, Cichlidoxyridae and Polystomatidae for investigating their relatedness and global diversity distribution. <i>Journal Experimental Zoology, India</i>; 19(1) : 505-513. ISSN-0972-0030 3. Singh, D.; PV Arya; V. Singh; D Arya; K. Bhagour and RS Gupta (2017). Role of <i>Cressa cretica</i> on CCl₄ induced liver damage in experimental rats. <i>Journal of Pharmacognosy and Phytochemistry</i>, 2017; 7(1): 1368-1373. eISSN: 2278-4136; pISSN: 2349-8234. 4. Arya, P.V. & R. Saxena (2018). Free amino acid studies in <i>Ascaridia galli</i> (Schrank, 1788) Freeborn, 1923. <i>Journal of Contemporary Research and Communications</i>; 1(2) : 41-43. ISSN-2582-3752. 5. Arya, P.V. & R. Saxena (2018). A contemporary synopsis on studies related to control on monogenea through herbal formulations. <i>Indian Journal of Advanced Research in Society</i>; 3(1) :17-22. ISSN-2456-5296. 6. Arya, P.V. & H. S. Singh (2019). Contemporary immunology based innovative studies focusing control and management of monogenea infestations in fishes. <i>Indian Journal of Advanced Research in Society</i>; 4(1): 15-20. ISSN-2456-5296. 7. Arya, P.V. (2020). Recent diversity and potential biological control studies on major ornamental <i>Ficus</i> sp. defoliating moth bombycid <i>Trilocho</i> (= <i>Ocinara</i>) <i>varians</i> (Walker) (Lepidoptera : Bombycidae). <i>Journal of Experimental Zoology, India</i>; 23(1) : 215-217. ISSN-0972-0030. 8. Arya, P.V. & H.S. Singh (2020). Hematological investigations on <i>Wallago attu</i> (Bl.) infected with parasitic monogenea <i>Mizelleus indicus</i> (Jain, 1957; Pandey <i>et al.</i>, 2003) : A proposed model towards hematological understanding on host parasite interaction. <i>Biochemical and Cellular Archives</i>; 20 (suppl.2) : 3819-3825. ISSN-0972-5075. 9. Arya, P.V. & H.S. Singh (2020). Microhabitat preference studies of freshwater fish gill parasitic monogenea <i>Mizelleus indicus</i> (Jain, 1957), Pandey <i>et al.</i> (2003) on gills of <i>Wallago attu</i> (Bl. and Schn.). <i>Biochemical and Cellular Archives</i>; 20 (suppl.2) : 3945-3952. ISSN-0972-5075. 10. Arya, P.V. & H. S. Singh (2020). <i>Wallago attu</i> (Bl.) and its parasitic monogenea <i>Mizelleus indicus</i> (Jain, 1957), Pandey <i>et al.</i>, 2003 : a model towards histopathological studies for host parasite interaction. <i>Asian Journal of Biological and Life Sciences</i>; 9(3) : 321-325. ISSN-2278-5957. 11. Arya, P.V. & H.S. Singh (2021). Some explorations on population dynamics of freshwater fish parasitic monogenea, <i>Mizelleus indicus</i> (Jain, 1957), Pandey <i>et al.</i> (2003). <i>Journal of Experimental Zoology, India</i>; 24(1) : 111-118. ISSN-0972-0030. |

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| Conference Organization/ Presentations (From 1st July 2017 onwards) |
| <ol style="list-style-type: none"> 1. 'Biological Tools and Techniques'; Invited talk at Department of Zoology, Vardhman College (Jain Minority Institution), Bijnor, Uttar Pradesh on 30th Nov. 2018. 2. Presented and secured III position in the National Seminar on "Use of Scientific & Technical Terminologies in Sustainable Environment Development, Its Challenges, Computational Analysis and Opportunities" organised by Gargi College (University of Delhi), Delhi and sponsored by Commission for Scientific and Technical Terminology (CSTT), MHRD, Govt. of India during 14-16 March 2019. 3. "Digitalization of museums as virtual tools in conservation of biodiversity and developing better scientific awareness"; paper presented in the 4th International Conference on "Advances in Management & Digital Sciences" organized by School of Management, Gautam Buddha University during 28-29 September, 2019. 4. "Biology of Covid-19 and Administrative Efforts to Control it"; invited talk at National Webinar organized by Department of Political Science, Meerut College, Meerut on 17th July, 2020. 5. "Covid-19 and its Biology : Cure, Precaution and Future"; invited talk at Department of Zoology, Vivek College of Education in association with Vivek Group of Colleges, Bijnor, Uttar Pradesh on 30th June, 2020. |
| Workshops/Training Programs Attended (From 1st July 2017 onwards) |
| <ol style="list-style-type: none"> 1. Attended two week Faculty Development Programme on "Entrepreneurship", at ABES Engineering College, Ghaziabad, sponsored by NSTEDB, Department of Science & Technology, Govt. of India, New Delhi, India during 5-18 July, 2017 2. Attended short term training course on "Application of Metagenomic Tools for Bioremediation towards Environmental Restoration", organized by Amity Institute of Biotechnology, Amity University, Noida, UP, India and sponsored by Department of Biotechnology (DBT), Ministry of Sciences & Technology, New Delhi, India during 14-29 November, 2017. 3. Short term training course of 14 days on "Hands on Training Programme on Nanobiotechnology and use of Drosophila as a Genetic Research Model : Perspectives in Biological Sciences", organised by Department of Biotechnology, Meerut Institute of Engineering and Technology (MIET), Meerut (UP) and sponsored by Department of Biotechnology (DBT), Ministry of Sciences & Technology, New Delhi, India during 4-17 December, 2017. 4. Attended 7th training on "Science, technology and Emerging Trends in Governance", at Indian Institute of Public Administration (IIPA), New Delhi, India, sponsored Department of Science & Technology (DST), Govt. of India, New Delhi, India by during 12-16 Feb., 2018 5. One week Faculty Development Program on "Environment Sustainability and Higher Education", organized by Internal Quality Assurance Cell and Faculty of Science, Dyal Singh College (University of Delhi), Delhi 4-11 June 2018 6. Attended one day workshop on "Computational Chemistry" organized by IQAC and Department of Chemistry, Dyal Singh College (University of Delhi), Delhi on 2nd February, 2019 at Dyal Singh College, New Delhi. 7. Attended "Workshop on Innovations and Good Practices in Institutional Governance of Higher Education", at National Institute of Educational Planning and Administration during February 28- March 02, 2019 at NIEPA New Delhi 8. Short Term Course in "E-content/MOOCs Development & Delivery", conducted by the Centre for Professional Development in Higher Education (CPDHE), UGC-HRDC University of Delhi during 15-17 May 2020. 9. National Workshop on "Intellectual Property Rights", organized by IPR Cell, Gautam Buddha University, Greater Noida, Uttar Pradesh and Sponsored by Council of Science and Technology, Uttar Pradesh on 5th March 2020. |
| Research Projects (Major Grants/Research Collaboration) (From 1st July 2017 onwards) |
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| Awards and Distinctions (From 1st July 2017 onwards) |
| Secured III position in the National Seminar on "Use of Scientific & Technical Terminologies in Sustainable Environment Development, Its Challenges, Computational Analysis and Opportunities" organised by Gargi College (University of Delhi), Delhi and sponsored by Commission for Scientific and Technical Terminology (CSTT), MHRD, Govt. of India during 14-16 March 2019. |
| Association With Professional Bodies |
| Life member of "Indian Society for Parasitology (ISP)"; "Indian Science Congress (ISC)"; "Indian Peptide Society (IPS)"; "Association for Promotion of DNA Technologies (ADNAT)"; "Indian Immunology Society (IMS)" |
| Other Activities like MOOCs/ Patents etc. (From 1st July 2017 onwards) |
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Dr. P. V. Arya
Signature of Faculty Member