

Arun Kumar. K. G.

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Present position	Assistant Professor in Zoology on Contract
Awards	NIL
Qualifications	<ul style="list-style-type: none">• M Sc. Zoology (University College, Kerala University),• M. Phil. Zoology (University College, Kerala University),• B. Ed. Natural Science (Govt. College of Teacher Education, Trivandrum, Kerala University),
Certificates	<ul style="list-style-type: none">• NET (CSIR-UGC).• SET – Directorate of Higher Education (Govt. of Kerala)• Ph. D – Entrance (University of Kerala)• DCA – Rutronix (Govt. of Kerala)
Experience	<ul style="list-style-type: none">• 4.7 Years in College Level.• 12 Years in Entrance Coaching Field.
Area of Interest	Physiology, Molecular Biology, Genetics, Ecology and Entomology, Developmental Biology
Thrust area of Research	Effect of Endosulfan, Effect of Bisphenol-A, Effect of Neem Extract in the production of apoliphorin in insects.

Technical Skills	<ul style="list-style-type: none"> • Proficient in performing ELISA assays, including sample preparation, reagent handling, and data analysis for accurate quantification of target analytes. • Skilled in conducting RT-PCR, including RNA extraction, cDNA synthesis, primer design, and amplification analysis for precise gene expression profiling. • Experienced in Western blotting techniques, including protein extraction, SDS-PAGE, membrane transfer, antibody probing, and signal detection for protein expression analysis. • Proficient in fluorescence microscopy, including sample staining, image acquisition, and analysis for visualization of cellular structures and protein localization. • Experienced in flow cytometry, including sample preparation, multicolor staining, instrument calibration, data acquisition, and analysis for cell population characterization. • Skilled in statistical analysis for biological research, utilizing tools like GraphPad Prism, R, and SPSS to interpret experimental data and ensure robust, reproducible results.
Achievements in Research	<ul style="list-style-type: none"> • Awarded M. Phil. Degree for the thesis entitled “Effect of Bisphenol-A in an ornamental fresh water fish-<i>Poecilia reticulata</i> (Guppy)” from the University of Kerala.
Responsibilities undertaken	<ul style="list-style-type: none"> • College Tourism Club member, • Kerala Knowledge Economy Mission member, • Nature Club member, • YIP member, • Placement Cell member, • Academic Program Committee member etc.

Conference Presentation	Oral Presentation at the International Seminar on “Frontiers in Genomics and Molecular Techniques” during March 1 st - 3 rd , 2017 at University College, Thiruvananthapuram.
Seminars/Workshops attended	<ul style="list-style-type: none"> • National Seminar on “Biodiversity – A Conservational Approach” from 16-11-2017 to 17-11-2017 held at the Department of Zoology, University College, Thiruvananthapuram. • National Seminar on “Recent Trends in Life Sciences” from 19-01-2017 to 20-01-2017 held at the Department of Zoology, University College, Thiruvananthapuram. • National Seminar on “Plants for Human Welfare” from 20-02-2017 to 22-02-2017 held at the Department of Botany, University College, Thiruvananthapuram. • National Seminar on “The Emerging Trends in Life Science” from 17-03-2016 to 18-03-2016 held at the Department of Zoology, University College, Thiruvananthapuram. • National Seminar on “Microbial Technologies for Environment Management” from 07-12-2016 to 08-12-2016 held at the Department of Botany, University College, Thiruvananthapuram. • National Seminar on “Microbial Technologies for Environment Management” from 07-12-2016 to 08-12-2016 held at the Department of Botany, University College, Thiruvananthapuram. • National Seminar cum workshop on “Present status of Captive Breeding Technologies of Fresh water Ichthyofauna” from 21-12-2016 to 22-12-2016 held at the Department of Zoology, Government College for Women, Thiruvananthapuram. • National Seminar on “Recent Trends in Bio Sciences” from 25-11-2015 to 26-11-2015 held at the Department of

	<p>Zoology, Government College for Women, Thiruvananthapuram.</p> <ul style="list-style-type: none"> • National Seminar on “Current Concepts in Biotechnology” On 24-03-2010 to 18-03-2016 held at the Department of Botany, University College, Thiruvananthapuram.
Memberships in academic bodies	Life member of the Journal - Entamon
Extracurricular activities	Reading, Team leading, Ecofriendly activities etc.