

PROFILE

Name: Dr. Divya. R

Designation: HOD/Assistant Professor,

Department of Zoology, S. N. College, Punalur. (Kerala University)

Mobile No: 9249771706

Email: drdivyamullackal@gmail.com , drdivyatobiasmullackal2@gmail.com,

Educational Qualification: M.Sc., M.Phil., B.Ed., Ph.D., Post Doctoral Degree (Endocrinology)

Degree obtained	University	Subjects
B.Sc.(Zoology)	Kerala University	Zoology, Botany, Chemistry.
M.Sc.(Zoology)	Kerala University	Physiology,MolecularBiology, Genetics,Ecology,Evolution,and Developemental Biolgy
B.Ed (Natural Science)	Kerala University	Biology, Educational Psycology,
M.Phil.(Zoology)	University of Kerala	Environmentalendocrinology, Ecophysiology, & Research methodology
Ph.D (Zoology)	University of Kerala	Endocrinology and stress physiology
PDF (post doctoral fellowship)	Kerala University	Comparitive Endocrinology

Ph.D Title: Mineral Regulation During Osmotic Challenge in the Climbing Perch *Anabas testudineus* (Bloch).

PDF Title: Physiological, Metabolic and Thyroidal Response of Strontium on the Osmoregulatory Performance of Climbing Perch *Anabas testudineus* (Bloch).

Area of Interest: Endocrinology and Stress Physiology, Biodiversity , Evnvironmental Toxicology.

Specialization: Environmental endocrinology, Ecophysiology, Comparative Endocrinology and Stress Physiology.

Post graduate research experience: -

Research experience in a research project entitled-“ Studies on certain factors affecting the motility and Viability of Spermatozoa of Oreochromis mossambicus(petres).

Worked as a Junior research fellow (JRF), in Central tuber crops research institute (CTCRI), Sreekariyam, Thiruvananthapuram, in a Project entitled “Olfacto response of *Sitophilus oryzae* ,and *Rhyzopertha dominica* to the semiochemicals isolated from the stored food products.

Research experience in the Dept.of Zoology , Kariavattom campus, Tvm: on Comparative Endocrinology and Ecophysiology, giving stress to Osmoregulatory, metabolic and Thyroidal activities of Teleosts.

Worked as a Senior research fellow (SRF), in an Insect taxonomy Project funded by DST and MoEF, in the Department of Zoology, University of Kerala, Kariavattom Campus, Thiruvananthapuram.

Post Doctoral research experience in Kerala University.

Papers Presented : 8 (International- 3, National level- 2, State level- 3)

1. **Title:** *Invitro* effects of Copper and cadmium on the Osmotic performance of climbing perch, *Anabas testudineus*(Bloch): International conference on Integrative and comparative physiology, held in Thiruvananthapuram, Kerala.
2. **Title:** Osmoregulatory response of climbing perch, *Anabas testudineus*(Bloch) to waterborne Ammonium perchlorate : International symposium on comparative endocrinology and stress physiology, held in Thiruvananthapuram, Kerala.
3. **Title:** Cellular Magnesium handling in the climbing perch *Anabas testudineus* (Bloch). International seminar/symposium conducted by the Society for reproductive biology and endocrinology(SRBCE), on comparative endocrinology and reproductive physiology, held in Mysore, India.
4. **Title:** Calcium handling in the climbing perch *Anabas testudineus* (Bloch). 22nd Kerala science congress held in Thrissur , Kerala.
5. **Title:** Response of renal and hepatic tissues of Air breathing fish (*Anabas testudineus* Bloch) to dilute seawater challenge. 21st Kerala Science Congress held in Kollam ,Kerala.
6. **Title:** Ambient salinity modulates the thyroidal and osmoregulatory response to water borne lithium in the climbing perch, *Anabas testudineus*(Bloch):National symposium on

comparative endocrinology and reproductive physiology, held in Viswabharathi university, Santiniketan, West Bengal .

7. **Title:** Hydromineral, metabolic and thyroidal responses in the perch *Anabas testudineus*: Effect of fluoride and osmotic challenge.: National seminar/symposium conducted by the Society for reproductive biology and endocrinology(SRBCE) , held in Thiruvananthapuram, Kerala.

8. **Title:** Studies on certain factors affecting the motility and viability of spermatozoa of *oreochromis mossambicus* (peters): 15th kerala science congress, held in Thiruvananthapuram, Kerala.

Awards/Honours received

1. International Award for the best research paper presentation, in the international symposium on comparative endocrinology and stress physiology.
2. Post doctoral fellowship of Kerala University.
3. Membership in International society for fluoride research (ISFR).