



St. Thomas College
Kozhencherry
Reaccredited by NAAC with A Grade(3rd Cycle)



Name	Dr. Roy George K.
Qualification	M.Sc., M.Phil., Ph.D.
Designation	Assistant Professor
Department	Zoology

Publications**Publications in National and International journals**

1. Roy G. K., Malini N. A and Rajasree D (2015). Effects of acclimation on the haematological indices of different groups of fresh water teleosts. An International Journal. Journal of Applied and Natural Science, 7 (1) : 5 - 9 (2015). Peer reviewed, NAAS Rating 5.08 Print ISSN: 0974-9411 Online ISSN: 2231-5209

2. Roy G. K. and Malini N. A. (2014). The prevalence and etiology of Polycystic Ovarian Syndrome (PCOS) as a cause of female infertility in Central Travancore. International Quarterly Journal of Life Sciences The Bioscan.,9(1): 01-06. Peer reviewed, NAAS Rating 4.57 (ISSN: 0973- 7049).

3. Roy G. K., Shibija N. G. and Malini N. A. (2013). Monosodium Glutamate (MSG) induced developmental dysfunction in female albino rats (*Rattus norvegicus*). The Bioscan., 8(1): 73-76.

4. Roy G. K. and Malini N. A. (2012). Infertility in females in context of antisperm antibodies in pelvic inflammatory disease (PID) and polycystic ovarian syndrome (PCOS). The Bioscan., 7(1) : 47-51.

5. Roy G. K., Malini N. A. and Sandhya R. G. O. (2012). Biochemical changes in liver and muscle of cichlid, *Oreochromis mossambicus* (Peters, 1852) exposed to sub - lethal concentration of mercuric chloride. Indian. J. Fish., 59(2): 147 -152. NAAS Rating: 6.20 ISSN: 0537-2003EISSN: 0970-6011 International Impact Factor : 0.220

6. Roy G. K. and Malini N. A. (2012). Maternal exposure to xeneoestrogen bisphenol a on embryo fetal development and teratogenic potential in *Rattus norvegicus*. The Bioscan., 7(3): 517 - 520.

7. Roy G. K., Malini N. A., Archana R. and Deepa R. (2011). Enzymatic changes in the kidney and brain of fresh water murrel, *Channa striatus* (Bloch) on short term exposure to sub- lethal concentration of lead nitrate. Indian. J. Fish., 58(4): 91 – 94.

8. Roy G. K., Malini N. A. and Archana R. N. (2009). Bisphenol A induced effects on testes in adult male rats. Indian. J. Environ. Toxicol., 19 (1): 20 – 23. ISSN: 0971-2127.

9. Roy G. K., Malini N. A. and Archana R. N. (2009). Bisphenol A induced haematological changes in rats. Indian. J. Environ. Toxicol., 19(2): 70 – 73. ISSN:

Papers published in Proceedings

1. Gokul G. N., Malini N.A. & Roy G.K. Sub-Lethal effects of Plasticizer-Diethyl Phthalate on the Histoarchitecture of Liver and Kidney of Fresh Water Murrel, *Channa striatus* (Bloch). Proceedings of the National Seminar on Fishery Resources : Implications And Conservations Strategies : Organized by Post Graduate & Research Department of Zoology, St.Thomas College, Kozhencherry, Kerala.(Page,107) (ISBN :9798-81-924843-0-4).

2. Roy G. K. and Malini N. A (2015). Relationship between body mass index and endocrine parameters in women with and without polycystic ovarian syndrome (PCOS). International Symposium on Comparative Endocrinology & Integrative Physiology. Centre for Evolutionary & Integrative Biology, University of Kerala, Karivattom, Thiruvananthapuram. (Abstract, Page, 70).

3. Malini N. A. and Roy G. K. (2011). The Prevalence of antisperm antibodies in various cases of female infertility. Proc. Natn. Sem. Current concepts in immunology, Post Graduate & Research Dept. of Zoology, St. Thomas College Kozhencheery, Pages, 52 – 56. (ISBN 978-81-924843-0-3).

4. Archana R. and Roy G. K. (2011). Studies on altered immune function on insulin impaired fertility in female albino rats (*Rattus norvegicus*). Proc. Natn. Sem. Current concepts in immunology, Post Graduate & Research Dept. of Zoology, St. Thomas College Kozhencheery, Pages, 80 - 91.

5. Shibija N. G. and Roy G. K. (2011). Studies on developmental effects and immune responses of monosodium glutamate (MSG) on pregnant female albino rats (*Rattus norvegicus*). Proc. Natn. Sem. Current concepts in immunology, Post Graduate & Research Dept. of Zoology, St. Thomas College Kozhencheery, Pages, 71 - 79.

Papers accepted for Publication

1. Roy G. K., Malini N. A., Praveena G. S. and Rejani M. K. Haematological and biochemical alterations in short term exposure to sub lethal concentration of bisphenol a in *Oreochromis mossambicus* (Peters, 1852). Accepted paper in "Pollution Research" (2015). NAAS Rating 4.75 (ISSN: 0257-8050)

2. Roy G. K., Malini N. A., & Gokul G.N. Effects of different sub-lethal - concentrations of Plasticizer - Diethyl Phthalate on the Reproductive Indices of Fresh water murrel, *Channa striatus* (Bloch)

Page No. 215
[DOI:10.24002/EBMSACK2016EB160207]. Accepted paper in "Indian Journal of Experimental Biology" (2016).

**NAAS Rating 6.84 International Impact Factor: IJEB
1.165 (JCR 2015)
ISSN: 0975-1009 (Online); 0019-5189 (Print)**

3. Roy G. K., Gokul G.N.& Malini N. A. Effects of different sub-lethal - concentrations of Plasticizer - Diethyl Phthalate on Fresh water murrel, Channa striatus (Bloch). Accepted paper in "Journal of Applied and Natural Science" (2016). NAAS Rating 5.08 Print ISSN: 0974-9411 Online ISSN: 2231-5209.

Papers Communicated

1. Roy G. K., Malini N. A. and Hima S. Prepubertal exposure to xeneostrogen bisphenol a alters mammary gland development and histology in Rattus norvegicus. The Bioscan

Achievements Awards Distinctions Fellowships	
Projects Presentations	
Others	

St.Thomas College,Kozhencherry