

ST GREGORIOS COLLEGE, KOTTARAKARA

FACULTY PROFILE

NAME	Dr. Elizabeth John		
DEPARTMENT	Zoology		
DESIGNATION	Assistant Professor		
ADDRESS	Kallamparambil, Chemmanthoor, Punalur P.O., Kerala		
TELEPHONE NUMBER(S)	9847178399		
EMAIL ID(S)	elizabethmoji@gmail.com		
ACADEMIC QUALIFICATIONS (with name of degree awarding University)	M.Sc. Kerala University B.Ed. Kerala University M.Phil Bharathiar University, Tamil Nadu. Ph.D Bharathiar University, Tamil Nadu.		
TEACHING EXPERIENCE	8 Years		
SPECIALIZATION	Ecotoxicology		
PUBLICATIONS/ PARTICIPATION IN SEMINARS/ CONFERENCES ETC (Please attach a separate detailed list with titles of papers, names of conferences, etc)		INTERNATIONAL	NATIONAL
	NO. OF RESEARCH PAPERS IN JOURNALS	7	1
	NO. OF PUBLICATIONS IN CONFERENCE PROCEEDINGS	2	7
	NO. OF CONFERENCES PARTICIPATED IN	4	16
PROJECTS			
DETAILS OF RESEARCH SUPERVISION	NO OF STUDENTS AWARDED PHD NO. OF STUDENTS WITH SUBMITTED DISSERTATIONS NO. OF CURRENT STUDENTS:		
HONOURS AND AWARDS			
POSTS HELD			
ANY OTHER INFORMATION			

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Papers Published in journals

- Manuscript entitled 'Physico –Chemical Studies in River Pumba and Related Distribution of *Machrobrachium rosenbergii* (Deman) (Arthropoda, Crustacea : Palaemonidae)' published in **Journal of Environmental Biology (An International research journal of Environmental Sciences & Toxicology)** in the year 2009 Volume 30 (5/6).
- Manuscript entitled "Impact of global warming on amphibian diversity in Shenduruney Wild life Sanctuary, Kerala" published in the international Journal '**South Asian Journal of Socio – Political Studies**' in Vol.9, (2), 2009.
- Manuscript entitled 'Impacts of sand mining in Kallada river (Pathanapuram thaluk), Kerala' published in the international Journal, **Journal of Basic and Applied Biology** in Vol.3(1), 2009.
- Manuscript entitled 'Accumulation of Chromium and its Histopathological Effects in the Frog, *Rana tigrina* (Amphibia, Anura)' published in the international journal **Asian Journal of Microbiology, Biotechnology & Environmental Science** 11(4); 761 – 767, 2009.
- Manuscript entitled "Water quality analysis of steel mill effluent and its impact on bore wells" published in the international journal **Pollution Research** 28(4); 669 – 676, 2009.
- Manuscript entitled "Acute toxic effects of textile dye, Acid Blue – 113, on the biochemicals of teleost fish *Tilapia mossambica* (Peters) (Pisces, Teleostei, Cichlidae)" published in the international journal **Biosciences, Biotechnology Research Asia**, 7(1); 395 – 400, 2010.
- Manuscript entitled "Textile dyeing effluent induced histopathology in the gills of *Tilapia mossambica*" published in the international journal **Pollution Research** 31 (2) : 25-30 (2012).
- Manuscript entitled "Histopathological effects in the blood of *Oreochromis mossambicus* exposed to Pulp and papermill effluent" published in the journal **SYNERGIA – Journal of Collaborative Research, vol.1, issue1, (2013)**

Seminars/ workshops/ conferences

- National Seminar on Recent Trends in Environmental and Biomedical Research", Department of Zoology, St. Stephen's College, Pathanapuram, Kerala – 5th December, 2002.
- One day state level seminar on "The Noyyal River" organized by the Department of Advanced Zoology & Biotechnology, PSGR Krishnammal College of Women, Peelamedu, Coimbatore – 29 – 09 – 07.
- National Conference on " Environmental Challenges & Management (ECM2007) – Department of Environmental Sciences, Bharathiar University, Coimbatore – March 8 & 9th, 2007.
- UGC Sponsored National Symposium on " Need Based Modern Trends in Ethnomedicine Research", Department of Botany, Kongunadu Arts & Science College, Coimbatore- 26 & 27th February, 2007.

- National Seminar on ‘Biodiversity conservation with special reference to Kerala Scenario’ – Department of Zoology, St. Stephen’s College, Pathanapuram, Kerala – 7th March, 2007.
- One day state level seminar on “Current status of pollution hazards to health” organized by the Department of Advanced Zoology & Biotechnology, PSGR Krishnammal College of Women, Peelamedu, Coimbatore – 17– 09 – 08.
- State level Seminar on “ Sustainable Aquaculture & Rural Development” Department of Environmental Zoology, Bharathiar University, Coimbatore – 28th February, 2008.
- National Seminar on Advanced Technologies in Biosciences for teachers and researchers, Department of Biotechnology, Kongunadu Arts & Science College, Coimbatore – 27 & 28 January, 2008.
- In National Seminar on “Biodiversity – Status, Conservation and Management, Kongunadu Arts and Science College”, Coimbatore – 12 – 13th, September 2008.
- CSIR Sponsered National Conference on “Recent Trends in Environmental Management & Technology” – Department of Chemistry, NGM College, Pollachi – 14th August, 2008.
- International Congress of “Global warming on biodiversity of insects: Management & Conservation” – Department of Zoology, School of Life Sciences, Bharathiar University, Coimbatore – 9 – 12 February, 2009.
- UGC Sponsored National Conference on “Environmental Challenges and Sustainable Development” - PG & Research Department of Botany, Sir Syed College, Taliparamba, Kannur, Kerala – 4 – 5 March, 2009.
- State level Workshop on “ Ensuring Quality in Research Publications’, School of Marine Sciences, Cochin University of Science & Technology – 7th March, 2009.
- All India Council for Technical Education, New Delhi, sponsored International Seminar on “ Recent Advances in LC/MS” – KMCH College of Pharmacy, Coimbatore, Tamil Nadu – 28 – 01 – 2009.
- National Workshop on “Biostatistical Tools for Researches”, Department of Biochemistry, Kongunadu Arts & Science College, Coimbatore, 10 – 12th January, 2008.
- Five day workshop of Swadeshi Science Movement, SG College, Kottarakara (2012)
- Regional Science Congress (2012), Kongunadu arts and science college, Coimbatore
- National Biodiversity Congress, (2012), Kaknakakunnu palace, Thiruvananthapuram
- Jubilee seminar series, 2014, SG College, Kottarakara
- National seminar, Envirobiotech (2014), Sree Narayana College, Punalur
- National seminar SWMETC, 2015, St. Stephen’s College, Kottarakara
- National seminar Problems and prospects of wetland conservation with special reference to wetlands of Kerala, 2018, NSS College, Pandalam

Papers published in proceedings

- “Histopathological effects in the liver of *Oreochromis mossambicus* exposed to textile dye, Malachite green” published in the proceedings of National seminar, Envirobiotech (2014), Sree Narayana College, Punalur
- “Histopathological alterations in the liver of *Oreochromis mossambicus* exposed to Pulp and papermill effluent” published in the proceedings of National seminar, Envirobiotech (2014), Sree Narayana College, Punalur
- “Sublethal effects of textile dye, acid –blue -113 on the blood parameters of *Oreochromis mossambicus*” published in the Marine and coastal biodiversity, APH Publishing Corporation, 2015
- “ Biochemical changes in the liver and muscle of *Oreochromis mossambicus* exposed to textile dye, Malachite green” published in the Marine and coastal biodiversity, APH Publishing Corporation, 2015
- “ Textile dyeing effluent induced histopathology in the liver of *Oreochromis mossambicus*” proceedings of the National seminar SWMETC, 2015
- “Biochemical changes in the blood of *Oreochromis mossambicus* exposed to Pulp and papermill effluent” proceedings of the National seminar Problems and prospects of wetland conservation with special reference to wetlands of Kerala, 2018
- “A study on the physico – chemical aspects of Kallada river in Punalur region” proceedings of the National seminar Problems and prospects of wetland conservation with special reference to wetlands of Kerala, 2018
- “Histopathological effects in the kidney of *Oreochromis mossambicus* exposed to pulp and papermill effluent” in the proceedings of International seminar organized by MTTC, Pathanapuram
- “Biochemical changes in the blood of *Oreochromis mossambicus* exposed to Textile Dyeing effluent” in the proceedings of International seminar organized by MTTC, Pathanapuram