


MAR IVANIOS COLLEGE (AUTONOMOUS)

FACULTY PROFILE

NAME	Dr.LEENAMMA JOSEPH		
DEPARTMENT	ZOOLOGY		
DESIGNATION	Associate Professor and Head		
ADDRESS	Vilayasseril, CRA 83/B, Chencherry Road, Nalanchira PO, TVPM		
TELEPHONE NUMBER(S)	0471- 2533490 Mob.08547894490		
EMAIL ID(S)	leenamma.joseph@mic.ac.in jleenamma@gmail.com jleenamma@yahoo.com		
ACADEMIC QUALIFICATIONS (with name of degree awarding University)	<ul style="list-style-type: none"> • B.Ed (University of Kerala) • M.Phil (University of Kerala) • Ph.D (Research Division, Department of Zoology, Mar Ivanios College under University of Kerala. 		
TEACHING EXPERIENCE	LEVEL	YEARS OF SERVICE	INSTITUTION
	UG	23 years	St, Johns College Anchal Mar Ivanios College
	PG	16 years	Mar Ivanios College
SPECIALIZATION	Entomology, Pest management		
PUBLICATIONS/ PARTICIPATION IN SEMINARS/ CONFERENCES ETC		INTERNATIONAL	NATIONAL
	NO. OF RESEARCH PAPERS IN JOURNALS	2	
	NO. OF PUBLICATIONS IN CONFERENCE PROCEEDINGS	10	
	NO. OF CONFERENCES PARTICIPATED IN	15	
PROJECTS	Student Project from KSCSTE Kerala in 2007 Minor Project from UGC in 2014		
DETAILS OF RESEARCH SUPERVISION	NO OF STUDENTS AWARDED PHD: nil NO. OF STUDENTS WITH SUBMITTED DISSERTATIONS: 24 PG students and 60 UG students. NO. OF CURRENT STUDENTS: 3 PG students and 6 UG students		
HONOURS AND AWARDS	Poster Judge in Inter national symposium held in Malaysia		
POSTS HELD	Head of the Department of Zoology, Mar Ivanios College TVPM General Convenor of STAR College Scheme of Mar Ivanios College, supported by DBT, Govt.of India Chairman. Board of studies for zoology, Mar Ivanios College (autonomous). SI/SII PG Exam Chairman , 2014- Univ. Of K Kerala. Chairman, Institutional Animal Ethical Commetee (IAEC) of Mar Ivanios College		
ANY OTHER INFORMATION	Life member of Association for Advancement of Entomology (AAE) an International association of Kerala Agricultural		

	University, formerly of University of Kerala
PHOTO	

Publications: Leenamma Joseph.

Title of thesis for Doctoral degree: (Univ. of Kerala).

“Studies on structure and development of male reproductive system of an insect, Rhynchophorus ferrugineus O (Coleoptera- Curculionidae) and the role of phytochemicals in its reproduction” 2006.

Title of the thesis for M. Phil degree: (Univ. of Kerala).

“Studies on oocyte development, vitellogenesis and effect of JH analogue, S-Methoprene on ovarian development in adult Orytes rhinoceros L (Coleoptera: Scarabaeidae)” 1990.

Leenamma Joseph, VS Josekumar and PV George (2011) Detection of antimicrobial activity in accessory gland secretion of virgin male red palm weevil *Rhynchophorus ferrugineus*. Internet journal of Microbiology vol 7, No.1

M. Suma, A. V. George, V. B. Rekha, **J. Leenamma (2011). An Assessment of Soil Properties under Different Landuse Types of the Kallada River Basin, Kerala, India. *Environmental Research, Engineering and Management*, 2011. No. 1(55), P. 5-13.**

Leenamma Joseph, V S Josekumar and P V George (2015) Antioxidant Potential of *Argyreia nervosa* stem extracts identified by *in vitro* screening. Khon Kain University, Thailand

Leenamma Joseph and V S Josekumar (2012) Evaluation of antioxidant properties of three tropical plants: *Bauhinia acuminata*, *Caesalpinia sappan* and *Stachytarpheta indica* by *in vitro* method. Malaysia International Biological Symposium. 11- 12 July 2012 at Selangor, Malaysia.

Leenamma Joseph¹, B. Jayachandran Nair², O. G. Indusree³ and V. S. Josekumar⁴

Antimicrobial property of male accessory gland secretions in coconut beetle, *Oryctes rhinoceros*. International Conference on Antimicrobial Research; 3-5 November 2010, Valladolid, Spain

V S Josekumar, Leenamma Joseph, P V George (2012). **Organization of the mitochondrial derivatives in spermatozoa of *Rhynchophorus ferrugineus*. O.** International Symposium on Comparative Endocrinology and Stress physiology. 16-18, February 2012. Thiruvananthapuram. Kerala.

Leenamma Joseph, V. S. Josekumar & P V George 2009. Detection of antimicrobial activity in accessory gland secretions of the virgin male red palm weevil, *Rhynchophorus ferrugineus*. ***Internet J of Microbiology***. Volume 7 Number 1.

Leenamma Joseph, V S Josekumar* and P V George 2009. Secretory nature of the male accessory glands in *Rhynchophorus ferrugineus* (red palm weevil) Natl. Sym. Comp. Endocrinol. Reprod. Physiol Decem 17-19, Mumbai

Leenamma Joseph, V. S. Josekumar and P. V. George (2007) Morphology of spermatozoon in red palm weevil, *Rhynchophorus ferrugineus* O. 25th Natl Symp. Of Reproductive Biology and Comparative Endocrinology, 15-17 January 2007, Univ of Kerala, Thiruvananthapuram, India

Leenamma Joseph, V. S. Josekumar and P. V. George (2006) Morphogenetic effects of neem formulation on coconut pest, *Rhynchophorus ferrugineus* (red palm weevil). *National Symposium on Biotechnology and Insect Pest Management*, February 2-3, 2006. Entomology Research Institute, Loyola College, Chennai

Leenamma Joseph and George P. V. (2002) A report on the spermatogenic events in the coconut pest, *Rhynchophorus ferrugineus* (Coleoptera: Curculionidae). Proc. XX Symp. Reprod. Biol. Comp. Endocrinol. 7 - 9 Jan, 2002. Bharathidasan Universtiy, Tiruchirappalli, TN.

Seminars and Workshops attended

1. International conference on Herbal & Traditional Medicine (ICHTM) Thailand. Jan.28-30 in2015.
2. National work shop on Techniques in Animal cell culture and *in Vitro* Toxicology organized by Mahatma Gandhi-Doerenkamp centre . Bharathi dasan University ,Tiruchirappallion 02-11 October 2013
3. Malaysia International Biological Symposium .held at Residence Hotel Selangor Malaysia on 11 and 12 July 2012
4. VALUE @Amritas Workshop on Virtul Labs inBiotechnology
5. Two day workshop on Bioinformatics at Govt. ollege for Women, Trivandrum. 16 and 17 January 2013
6. XXV National Symposium on Reproductive Biology and Comparative Endocrinology at Dept. of zoolgy. University of Kerala. 15-17 january 2007
7. Colloquium on nanoscale science and arthropod bioresources. Dept. of zoology ,University of Kerala.18-19 december 2006
8. Symposium on Biotechnology and Insect pest Mangement held at Entomology Research Institute Loyola College, Chennai on 2 & 3 February 2006.
9. National Sminar on Phytochemicals and nutrition organized by centre for development of science and technology . hed at Trivandrum on 8 january 2001
10. XX National symposium on reproductive biology and comparative endocrinology, held at bharathidasan University ,Thiruchirappalli on7- 9 January 2002.
11. National Seminar on Phytochemicals and Nutrition conducted by Centre for Development of Science and Technology at Thiruvananthapuram on 8th January 2001
12. Seminar on *Women in science* organized by Kerala Acadmy of Science at All Saints College on 8/3 1999.
13. KSCSTE Sponsored National Seminar on Addressing the relevance of GM crops in food security hosted by Dept. of Zoology Mar Ivanios College Tvpm. On 28/ 02/2013.
14. National Workshop on Alternatives to use of Animals in life science Education hosted by Dept. of Zoology , Mar Ivanios College in association with Mahathma Gandhi Doerenkamp Centre ,Bharathidasan University, Tamil Nadu on 02/03/2010.
15. UGC sponsored Workshop on Human Rights and Values in Education at st. Mary's malnkara Seminary on13/12/2005.

Student projects supervised :

1. Effect of *Clerodendron infortunatum* extracts on the oocyte development of *Drosophila melanogaster* L (Diptera: Drosophilidae). 2004 M. Sc dissertaion.
2. Effect of *Clerodendron infortunatum* extracts on the spermatogenesis of *Drosophila melanogaster* L (Diptera: Drosophilidae). 2004 M. Sc dissertaion.
3. Identification of antimicrobial activity in the male accessory reproductive gland of *Oryctes rhinoceros* (Coleoptera: Scarabaeidae). 2006 M.Sc project.