

Name : Dr. K. NAVANEETHA KANNAN
Designation : ASSOCIATE PROFESSOR
Department : ZOOLOGY
Date of Joining : 09.07.1987
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Educational Qualification:

Degree	Subject	College / University & Place	Year Completed
B.Sc.	Zoology	The American College, Madurai / Madurai Kamaraj University, Madurai	1979
M.Sc.	Integrated Biology	School of Biological Sciences, Madurai Kamaraj University, Madurai	1981
Ph.D.	Zoology	School of Biological Sciences, Madurai Kamaraj University, Madurai	1988

Specialisation in Teaching: Biological Chemistry, Immunology, Immunotechniques and Immunotechnology.

Specialisation in Research: Chronobiology, Immunology

Research Interests: Chronobiology, Immunology

Administrative /Academic Position/s (held / currently holding):

Positions held / currently holding	Year - From (month/year) To month/year)
President, PG Zoology association	1990-till date
Faculty secretary	2001-2002
Governing council member	2008 -2010
Additional Dean of Academic polices and Administration	November 2009 to November 2010
Faculty secretary	2014-2015

Membership in Professional Bodies:

- Member – Board of studies in Zoology at Lady Doak College from 01.01.2015 to 31.12.2016.
- Member – Board of studies in PG Biology at Madurai Kamaraj University – 2014
- Member – Animal Ethics Committee – PG research Dept. of Zoology, Lady Doak College -2014

Publications:

Books:

- Co-author in “State Level Workshop on Immunological techniques Lab Manual” 2000.

Reading materials prepared for Department of Distance Education (DDE), Madurai Kamaraj University, Madurai.

1. Contributing author: Course, PG Diploma in Immunotechniques. Paper- Immunology.
2. Contributing author: Course, PG Diploma in Immunotechniques. Paper- Immunological techniques.
3. Contributing author: Course: Diploma in Medical lab. Techniques and management. Paper: Hematology and Biochemistry.
4. Review author: Course: Diploma in Forensic biology. Paper: Forensic DNA Analysis.
5. Review author: Course: Diploma in Forensic biology. Paper: Paper: Human Genetics.
6. Review author: Course: PG Diploma in Environmental molecular Diagnostics. Paper: Molecular diagnostics.

Articles Published in International Journals:

1. **Navaneethakannan, K** and Chandrashekar, M.K. (1986) Light and dark pulses response curves in a day active palm squirrel *Funambulus palmarum*. Experimental Biology (Springer-Verlag) 45: 267-273.

Articles published in National Journals:

1. **Navaneethakannan, K.** (1984) Activity pattern in a colony of peafowls (*Pavo cristatus*) in nature. Bombay Natural History Society 81: 387-393.
2. **Navaneethakannan, K** and Kumarasamy, P. (1986) Absence of extra retinal photic entrainment in diurnal squirrel *Funambulus palmarum* and a nocturnal mouse *Mus booduga*. Indian Journal of Experimental Biology 24: 730-731.
3. Rajendhran, J., Arunmani, M and **Navaneethakannan, K.** (1998) Antibacterial activity of some selected medicinal plants. Geobios 25: 280-282.

Conference / Seminar Presentations:

Conferences and symposiums attended:

1. Eleventh Annual Conference of the Ethological Society of India (3-5 May 1982) at Calicut.
2. Thirteenth Annual Conference of the Ethological Society of India (20-23, June 1984) at the University of Kerala, Trivandrum.
3. International symposium of Chronobiology (19-21, November 1986) at the Osmania University, Hyderabad.
4. National Symposium of Chronobiology (22-26, November 1996) at All India Institute of Medical Sciences, New Delhi.
5. 7th International Food Convention (**IFCON**) 18 – 21 December 2013, CFTRI, Mysore, India.
6. National Symposium on Behavioural Ecology: Molecules to Organisms (7-9, November 2014) at Banaras Hindu University, Varanasi.
7. 41st Annual Conference of Indian Immunological Society, IMMUNOCON 2014 (12-14, December 2014) at the Madurai Kamaraj University, Madurai.

Workshops and seminars attended:

1. National Seminar on Biotechnology for Rural and Industrial Development (22-23, December 1995), **Gulbarga University**, Gulbarga.
2. UGC Question Bank Workshop in Zoology Phase-I (11-12, October 1996) Madras **Christian College**, Chennai.
3. Workshop on Basic Techniques in Modern Biology (11-12, January 2000) **ANJA College**, Sivakasi.
4. National workshop on Aquaculture Medicine (17-21, January 2001) **Cochin University** of Science and Technology, Cochin.

Refresher Courses Participated:

1. Theme: **Molecular Biology** (22.11.1993 – 15.12.1993) Madurai Kamaraj University, Madurai.
2. Theme: **Neurophysiology, Behavioural rhythms and Ethology** (19.01.1995 to 9.02.1995), Madurai Kamaraj University, Madurai.
3. Theme: **Biotechnology** (19.04.1999 to 14.05.1999) Jawaharlal Nehru University, New Delhi.
4. Underwent a short term Research work on antibacterial properties of medicinal plants for one month at **Indian Institute of Science, Bangalore**, 1997.
5. Refresher course in Immunology (25.11.2002 to 07.12.2002), **Pune University**, Pune.

Awards / Fellowships:

1. Junior Research Fellow- Indo German Project August 1981 to May 1983- Animal Behavior, School of Biological Sciences, Madurai Kamaraj University, Madurai.

2. Junior Research Fellow –DST- UNMB – Unit of neurobiology and mechanisms of behavior June 1983- April 1987 Department of Animal behavior, School of Biological Sciences, Madurai Kamaraj University, Madurai.
3. INSA visiting fellowship, Indian Institute of Science, Bangalore 18- 12 -1998 to 17-03-1999.

Other Activities / Academic Credentials:

Seminars and Workshops organized

I. As president of PG Zoology Association, The American College, Madurai organized

- (1) Ross centenary celebration on 7th March 1997.
- (2) Buchner's Centenary celebration on 11th March 1998.
- (3) Pasteur Centenary celebration

Also organized the following meetings for PG Zoology Association

S. No.	Date	Speaker	Title
1.	17.10.1997	Dr. J.C.B. Abraham Former Professor and Head, Dept. of Zoology, The American College Madurai	Education
2.	11.01.2000	Dr. R. Dinakaran Michael, Reader and Head, Department of Zoology, The American College, Madurai	Immunostimulants-an alternative to vaccines in aquaculture
3.	24.01.2000	Prof. George Langeler, Oberlin College, Oberlin, Ohio, USA	Double greening of the 21 st century – a book review
4.	07.09.2000	Dr. Aditya Chowdary, Scientist, World wildlife fund in Vancouver, Canada	Whale conservation
5.	02.03.2000	Dr. Wolfgang Engelmann, Institute for Biology, University of Tuebingen, Germany	Bioclocks in humans: Health aspect
6.	14.02.2001	Dr. J.C.B. Abraham Former Professor and Head, Dept. of Zoology, The American College Madurai The American College Madurai	Some controversies in evolutionary biology
7.	13.11.2009	Prof. Cynthia Church, Associate Professor and Chair, Department of Biology, Metropolitan State College of Denver, USA	In the footsteps of Darwin.

II. Organizing secretary – State Level Workshop on Immunological Techniques May 1-14, 2000 at The American College, Madurai.