

CURRICULUM VITAE

Name : **DR. B.KUMARAN**
Date of Birth : 14.11.1958
Designation : Principal
Institution : Indira Gandhi College of Arts and Science,
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Educational Qualifications

Degree	Subject	Year	Class	University
M.Sc.,	Zoology	1980	I Class-OGPA 5.61 (outstanding)	Madras University
M.Phil	Endocrinology	1980	I Class 72%	Madras University
Ph.D.,	Endocrinology	1986	Highly Commended	Madras University
M.Sc.,	Bioinformatics	2011	I Class 67%	Annamalai University

Teaching Experience : 30 years

Institution	Designation	Period		Scale of pay
		From	To	
K.M.Centre for P.G. Studies and Degree Colleges, Govt of Puducherry	Lecturer	09.01.1986	08.01.1991	8,000-275-13500
	Senior Lecturer	09.01.1991	26.07.1998	10,000-325-15200
	Reader	27.07.1998	31-12-2005	12,000-420-18300
	Associate Professor	01-01-2006	31-03-2015	37,400-67000+ AGP 9000
	Principal	01-04-2015	Till date	37400-67000+GP 10000

Subjects taught:

Endocrinology, Molecular Cell Biology, Biochemistry, Toxicology, Physiology and Public Health and Hygiene.

Current Research Interest:

Environmental Toxicology – Xenobiotics –Neuroendocrinology and Reproduction – Metabolism-Biodiversity and Conservation.

Research Experience : 31 years

- Role of Prolactin and Bromo Cryptine on the Neuronal and Glial Cellular Metabolism in Immature and Mature Male Bonnet Monkeys – **Ph.D., Thesis**-1986.
- Effect of Testosterone on Seminal Vesicle and prostate of Immature Monkeys- **M.Phil Dissertation** – 1981.
- Worked as JRF in the DST sponsored Project entitled “**Scientific survey of Health and Diseases in rural population of Tamil Nadu**” during 1982 -83.

• Research Guidance :	Degree	Awarded	Under Guidance
	M.Phil	13	-
	Ph.D.,	04	03

- **Research projects under taken : 04**

1. **UGC- Major project-** "Modulation of Hypothalamo - Hypophyseal - Gonadal axis by Environmental Endocrine Disruptors with Androgenic and Estrogenic activities". **Rs. 12 Lakhs ; 2012-2015**
2. **UGC – Studies on Environmental Antiandrogens and Modulatory Mechanisms in Neuro- endocrine Relationship.****Rs. 95000/- ; 2004-2006**
3. **DSTE –Govt. of Pondicherry – Socio-economic and Health Status of Filarial Patients in Pondicherry.****Rs. 90000/- ; 2005-2006**
4. **DSTE –Govt. of Pondicherry –Ecological Impact Assessment on the Faunal diversity of the coast of U.T. of Pondicherry with reference to Industrialisation and Urbanization.****Rs.100000/-; 1999-2001**

- **Research papers published :** **20 (12 International and 8 National)**

- **Research Papers presented in Various symposia :** **27**

Abroad Visit: Italy

The candidate was the only Indian among 50 young scientists who were selected to attend the advanced course on “**Glia and Neuron – Glia Interactions**” conducted by **International School of Neuro Science**, during October 04-16,1992.

Technical Experience

Experienced with Modern Sophisticated Techniques in Endocrinology, Biochemistry Toxicology and Immunology like, Isolation of Cells ,Subcellular fractionation, Electrophoresis, Chromotography, Spectrophotometry and Fluorometric Techniques, RIA, ELIZA, Endocrine Surgery.

Conferences/Seminars Conducted:

- Organised the following one day seminar/ Colloquium sponsored by the DSTE, Govt. of Pondicherry.
- Recent Trends in Biology, March 26, 2004.
- Current Trends in Wild life biology, November 19, 2004.
- Experienced as organizing committee member of the following conference.
- International Conference on Natural Resource Management and Conservation –Dept. of Environmental sciences, University of Kerala, during November 19-21,1998.
- National Symposium on New Insights into research on Reproduction and Fertility- School of Life sciences, Pondicherry University, during December 12-15,1996.
- Silver Jubilee International Conference on Molecular and Metabolic Endocrinology and Contraceptive Technology, Dept. of Endocrinology, PGIBMS, Chennai, during October 21-22, 1994.
- **Refresher courses/Orientation courses attended: 06**
- **Workshop /Symposia/ Conferences participated: 40**

Membership in Societies:

- Life member of Society for Reproductive Biology and Comparative Endocrinology.
- Life member of Academy for Environment and Life sciences.
- Life member of Society for Science and Nature.

Administrative Experience:

Worked as H.O.D of Zoology during 1999-2001. Assisted Head of the Institution in Various activities like, admission, course development and administration.

Other Relevant Information:

- **CPCSEA** (Committee for the Purpose of Control and Supervision on Experiments on Animals) **Nominee- Ministry of Environment**, Govt. of India.
- Member of Panel of Judges – Southern India Science Fair- VITM (National Council of Science Museums, **Ministry of Culture**, Govt. of India.
- Expert Member – Selection Committee – (**VCRC**) Vector Control Research Centre and Govt.of Puducherry.
- Member – **IAEC** – Indira Gandhi Medical College and Research, Pondicherry.
- Expert Member – NAAC – Academic Audit – IQAC – University of Madras.
- Member – Board of studies in Zoology – **University of Madras**.
- Member – Board of Studies in Zoology, **Pondicherry University**
- Member of the Board of Studies P.G. Diploma in Fisheries Sciences, Community college, Pondicherry.
- Chairman- M.Sc Zoology - Question paper setting- **Thiruvalluvar University**
- Chairman- M.Sc & B.Sc Zoology- Question Paper Setting- **Annamalai University**
- **Resource person** – ASC, Bharathidasan University and Pondicherry University.
- **Honorary Fellow** – Academy for Environment and Life sciences (FAELS)- 2009.
- **Member Secretary** -Institutional Animal Ethics Committee (IAEC), KMCPGS.
- **Secretary** -Parents Teachers Association (PTA), KMCPGS.
- Association in Remedial coaching/UGC Net coaching class
- Association in Field based activities organized for professional development of student (Educational Tour)
- Conduct of survey on social problems involving students (Filariasis in Pondicherry and Biodiversity)
- Member – NAAC – IQAC-TAC.
- Member – NAAC – Steering Committee – TAC.
- Member – NAAC – Research Committee – TAC.
- Member – NAAC – Documentation Committee – TAC.
- Member – NAAC – Accommodation and Transport Committee – TAC/KMCPGS.
- Member –Placement Committee, KMCPGS
- Member- Editorial Board – College Magazine-KMCPGS.
- Member – Seminar Committee, KMCPGS
- Member - Cultural committee KMCPGS
- Member- Anti-ragging committee, KMCPGS
- **Achiever award in Animal Science 2008**- Awarded by Education Today and Kalaimalar Chennai.