

# CURRICULUM VITAE

**Dr. B. VICTOR M.Sc., Ph.D.,**  
Controller of Examinations,  
St. Xavier's College (Autonomous),  
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## Personal Profile:

Designation : Former Associate Professor  
Age and date of birth : 65 years, 04-03-1950.  
Nationality : Indian  
Father's Name : T. Bonfilius  
Permanent address : 18/487, Second South Street,  
Thiagaraja Nagar,  
TIRUNELVELI - 627011

## Educational Qualification:

Degree	Year of Passing	College/University Studied	Subject	Class/Rank
B.Sc	April 1971	St.Xavier's College Palayamkottai	Zoology Main	First Class University IV Rank
M.Sc	April 1973	Annamalai University Annamalai Nagar	Zoology Main, Endocrinology optional	First Class University III Rank
Ph.D	October 1985	Marathwada University Aurangabad	Reproductive Biology of prawn	Degree awarded

## Teaching Experience:

- (1) As Demonstrator in Government College of Indian Systems of Medicine, Palayamkottai from 9-10-1974 to 30-6-1975
- (2) As Demonstrator in St.Xavier's College, Palayamkottai from 24-6-1976 to 31-12-1976
- (3) Promoted as Lecturer in St.Xavier's College, Palayamkottai on 7-10-1977
- (4) Promoted as Assistant Professor on 6-7-1979
- (5) Promoted as Selection grade Lecturer on 21-8-1991
- (6) Promoted as Reader in Zoology on 6-7-1992

**Subjects taught:**

**UG** - Biochemistry, Biotechnology, Pharmacology, Environmental Science.

**PG** - Biochemistry, Biotechnology, Immunology, Animal Cell Culture, Molecular Biology.

**M.Phil** -Research Methodology, Fish Pathology

**Book Published:**

Coauthor of **Environmental Biology** for graduate students.

Editor, UGC Question Bank in Zoology.

**Educational Administrative Experience:**

1. as Assistant Controller of Examinations, St. Xavier's College(Autonomous) Palayamkottai from July 2000 to June 2004.
2. as Dean of Sciences, St. Xavier's College(Autonomous) Palayamkottai from July 2004 to June 2007
3. as Member of Governing Body, Academic Council, College Council, Finance Committee, Admission Committee, Awards Committee, Planning and Evaluation Committee and Curriculum Restructuring Committee, St. Xavier's College (Autonomous) Palayamkottai from July 2004 to June 2007
4. as Coordinator of Internal Quality Assurance Cell, St. Xavier's College (Autonomous) Palayamkottai from July 2005 to June 2007

**Research Experience:**

1. As full-time teacher research fellow during 1982-1983 in Marathwada University, Aurangabad for Ph.D work, under Special Assistance Programme of UGC.
2. As part-time research fellow during 1983-1985 in Marathwada University,Aurangabad for Ph.D Work
3. Guiding M.Sc dissertations from 1979 onwards.(62 Nos)
4. Guiding M,Phil dissertations from 1987 onwards.(35 Nos)
5. Guiding Ph.D scholars from 1991 onwards.(11 Nos)
6. 11 Scholars awarded with Ph.d.

### **Research Projects Undertaken:**

1. Funding agency : UGC, New Delhi, Minor Research Scheme.  
Duration : 15-4-1984 to 15-4-1986.  
Project title : Effect of long - term exposures to organic pesticides and heavy metals on survival, growth and reproduction of Freshwater prawn.  
Total Grant : Rs 10,000.
2. Funding agency : UGC, New Delhi, Minor Research Scheme, Code: F8-7 (107)/87 (SR-I)  
Duration : Feb 1988-March 1991  
Project title : Reproductive biology of the freshwater prawn *Caridina rajadhari*  
Total Grant : Rs 10,000.
3. Funding agency : UGC, New Delhi, Major Research Scheme Code: F.3-84/ 2001 SR-II  
Tenure of the project : 01-04-01 - 31-03-04  
Project Title : Studies on the nutritional and physiological requirements of Chitosan derivatives in Fish and Prawn  
Total Grant : Rs 3, 03,648

### **Research Specialization:**

Environmental Toxicology, Reproductive Biotechnology, Histopathology.

### **Co-ordinator of Workshops:**

- (1) Co-ordinator of in- service training cum demonstration programme for Post graduate assistants in Higher Secondary Schools, 26-30 , December 1994 , sponsored by Tamil Nadu State Council for Science and Technology, Madras.
- (2) Co-ordinator of UGC Question Bank Workshop - Phase II in Zoology - at St.Xavier's College, Palayamkottai. November 1998.
- (3) Editor of UGC Question Bank (Digital format) in Zoology.

### **Member of Examination board:**

Board of examiner in M.Phil, M.Sc and B.Sc degree Programmes- Manonmaniam Sundaranar University, Thiagarajar College (Madurai), Arul Anandar College (Madurai), Government Art's College (Coimbatore), Loyola College (Madras), Madras Christian College (Madras), ANJA College, (Sivakasi) etc.

### **Training Consultant:**

- (1) Coaching SC/ST students (Government sponsored) in verbal and non-verbal reasoning for BSRB, TNPSC, UPSC examinations from 1985 onwards
- (2) Coaching rural students for competitive and professional entrance examinations. (sponsored by Tirunelveli Social Service Society, Palayamkottai) from 1992 onwards
- (3) Consultant for career guidance to rural students. (TSSS, Palayamkottai)

### **Citation:**

Biography of Dr. Victor Published in 15th Edition (1998) of **Marquis ' who's who of the world** - International Biographical reference, 121, Chanlon Road, New Providence, NJ.USA.

### **Scientific Conferences attended:**

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|--|----------------|---|
| 1. National symposium on Crustacean Physiology                                   | as Participant | Marathwada University, Aurangabad<br>26-27 March 1987.  |
| 2. National Symposium on Invertebrate Reproduction                               | as Chairperson | St.Xavier's College, Palayamkottai<br>2-4 April 1987.   |
| 3. Vth All India Symposium on Invertebrate Reproduction                          | as Participant | Palani Andavar Arts College, Palani<br>24-26 Sept 1987.                                       |
| 4. National Seminar on Aquatic Organisms and Environment                         | as Chairperson | Chikkaiah Naicker College, Erode<br>10-21 Oct 1989.   |
| 5. Impact of Environment on Animal and Aquaculture                               | as Participant | University of Kalyani, West Bengal.1990   |
| 6. IX All India Symposium on Reproductive Biology and Comparative Endocrinology  | as Chairperson | Bharathidasan University Thiruchirapalli 20-22 Feb 1991                                       |
| 7. Recent Trends in Developmental Biology  | as Participant | University of Madras Dr.A.L.M. P.G.Institute of Basic Medical sciences Madras 6-8 March 1991. |
| 8. National Seminar and Workshop in Environment and Education                    | as Participant | St.Xavier's College, Palayamkottai,<br>20th April 1992.                                       |
| 9. Symposium on Biological and Cultural Control of Agriculture and Medical Pests | as Participant | St. Xavier's College, Palayamkottai,<br>22-24 Feb 1995.                                       |
| 10. National Conference on Aquaculture   | as Chairperson | St.Xavier's College, Palayamkottai,<br>18-20 Dec 1996.  |
| 11. National Seminar on Sustainable Environment                                  | as Chairperson | Manonmanium Sundaranar University, Alwarkurichi,<br>4-6 Nov 1997                              |

## Refresher courses attended:

1. All India Summer Institute in Zoology (Wildlife Biology)	UGC	Farook College, Calicut 20.4.81 to 19.5.81
2. Research Methods in Animal Physiology	Special Assistance Programme	Marathwada University Aurangabad 31.7.82 to 30.7.83
3. How to Prepare Radio Programmes	Youth Welfare Dept. M.K. University	St. Xavier's College 9-11 March 1984
4. Staff Renewal Course	Xavier Board, Madras	Madras, 1-5 April 1985
5. Self Renewal-Human Resource Development Approach	AIACHE	Bangalore, 10.5.86 to 22.5.86
6. Orientation Programme for Science Teachers	AIACHE	St. Xavier's College, Palayamkottai 26 - 30 Apr 1987
7. Refresher Course in Concepts of Immunology	Academic Staff College, M.K. University	Madurai, 1.6.89 to 21.6.89
8. Regional Refresher Course on Aquaculture for College Teachers	UGC , New Delhi	St. Xavier's College Palayamkottai 2.5.94 to 29.5.94

## Publications in National Research Journals:

1. Sarojini.R and Victor.B 1985 Toxicity of mercury on the ovaries of the caridean prawn, *Caridina rajadhari* (Bouvier). **Current science** 54(8): 398-400.
2. Sarojini.R and Victor.B 1985 Eyestalk neurosecretory system in the freshwater prawn, *Caridina rajadhari* (Bouvier), (Crustacea, Decapoda, Atyidae). **Current Science** 54(9):439-441.
3. Victor.B and Sarojini .R 1985 Oocyte differentiation and vitellogenesis in the caridean prawn, *Caridina rajadhari* (Bouvier), **Current Science** 54(13):647-649.
4. Victor .B and Sarojini. R 1985 Histomorphology of cerebral neurosecretory system in the caridean prawn, *Caridina rajadhari* (Bouvier). **Current science** 54(16): 817-818.
5. Victor .B, Mahalingam.S and Sarojini.R 1985 Cytopathological effects of cadmium on the freshwater prawn *Macrobrachium idae*. **Indian Journal of Fisheries** 32(4):478-480.
6. Victor .B. and Sarojini. R 1986 Toxicity of an organophosphorous insecticide to the ovaries of the atyid prawn *Caridina rajadhari*(Bouvier). **Journal of Environmental Biology** 7(1): 47-50.
7. Victor .B, Mahalingam.S and Sarojini.R 1986 Toxicity of Mercury and Cadmium on oocyte differentiation and vitellogenesis of the teleost *Lepidocephalichthys thermalis*(Bleeker). **Journal of Environmental Biology** 7(4): 209-214.

8. Victor .B 1987 Reproductive and lipid cycles in the atyid prawn *Caridina rajadhari* (Bouvier). **Indian Journal of Fisheries** 34(3): 333-336.
9. Victor. B, 1989 Histological evaluation of cythion toxicity on the oocyte development of *Ozietelphusa senex senex*. **Journal of Environmental Biology** 10(1): 65-71.
10. Victor.B, Narayanan.M and Jones Nelson.D 1990 Gill pathology and hemocyte response in mercury exposed *Macrobrachium idae* (Heller).**Journal of Environmental Biology** 11(1): 61-65.
11. Victor .B 1988 Observations on the fecundity of the freshwater atyid prawn *Caridina rajadhari* **Journal of advanced Zoology** 9(2): 105-102.
12. Victor .Band Arockiasamy.S 1990 Ammonia tolerance and growth sensitivity of freshwater prawn *Caridina weberi*(de Man). **Indian Journal of Animal Sciences** 60(7): 908-917.
13. Victor .B 1990 Behavioural and histological assessment of ammonia sensitivity in the freshwater fish *Lepidocephlichthys thermalis*. **Indian journal of Animal Sciences** 60(10) : 1256-1262.
14. Victor .B, 1993 Development of Hemocytopenia and environmental gill disease (EGD) in the atyid prawn *Caridina weberi*(de Man) exposed to sublethal ammonium chloride. **Indian Journal of Fisheries** 40(3): 175-180.
15. Victor .B, Maridass .M and Ramesh .U. (2002). Antibacterial activity of *Citrullus lanatus* flower and fruits. **J. Ecophysiology**, Vol. 5(1-2):1-3.(May)
16. Victor.B, Ramesh .U, and Maridass .M.(2003). Effect of Dietary  $\beta$ -chitosan levels on growth and survival of fingerlings of *Cyprinus carpio*, *Catla catla* and *Cirrhinus mrigala*, **FisheryTechnology**, 40(1):5-7
17. Victor .B, Maridass .M, and Ramesh .U. (2003).Preliminary phytochemical and chemopharmacognostical studies on *Stenocleana palustris*, **J. Advances in Plant Sciences**, 16 (11):395 - 398.
18. Victor.B, Maridass .M, Ramesh .U and J.M.A.Prabhu.2003. Antibacterial activity of essential oils from the leaves of *Adiantum capillus - veneris* Linn. **Malaysian journal of Science**, 22: 65 - 66.
19. Victor.B and Maridass.M.2003. Environmental threats to Human Health. **Agrobios Newsletter** Vol. NO.2 (6):7-8.
20. Victor.B. Maridass .M. and Ramesh .U(2002) Ethnobotanical information of *Eulophia epidendraea* (Retz.) Fisher (Orchidaceae) on the Kambli malaikovil forest, Tirunelveli district, Tamil Nadu. **J. Bombay Nat-Hist. Soc** 102(2), 255
21. Victor .B, Mannar Mannan .M, Maridass .M, Murphy Alexander .P and J.M.A.P. Arachi. 2005 Application of live feeds in the freshwater ornamental fish larvae of *Puntius dorsalis* (Jerdon ) **Mapana MJS** 4 (2), 1- 7
22. Victor .B, Mannar Mannan .M, Maridass .M, J.M.A. Prabhu Arachi and Ramesh .U 2004 fecundity and Sex ratio of freshwater fish *Puntius filamentosus* (Val.) in Tamiraparani river.Tamilnadu. **J. Inland Fish. Soc. India** 36 (1): 72 – 74.
23. Victor .B, Ramesh .U, J.M.A. Prabhu Arachi and Mannar Mannan .M 2004. Dietary supplementation of  $\alpha$  and  $\beta$ . Chitosan on growth and blood cell composition in common cap. *Cyprinus carpio* L **Fishery Technology** 41 (2), 87 – 92.

### **Publications in International Research Journals:**

1. Victor .B 1993 Responses of Hemocytes and Gill tissues to sublethal Cadmium Chloride poisoning in the crab *Paratelphusa hydrodromous*. ***Archives of Environmental Contamination and Toxicology*** 24(1), 432-439.
2. Victor .B 1993 Histological Progression of Hemic Neoplasms in the tropical crab *Paratelphusa hydrodromous*. ***Archives of Environmental Contamination and Toxicology*** 25(1), 48-54.
3. Victor .B 1994 Gill tissue pathogenicity and hemocyte behaviour in the crab *Paratelphusa hydrodromous* exposed to Lead Chloride, ***Journal of Environmental Science and Health A*** 29(5) 101-104.
4. Victor .B, Maridass .M, Benniamin .A, Mannar Mannan .M and John De Britto .A 2005 Anti – inflammatory activity of *Phyllanthus Singampattiyana* leaf extract. ***Pharmaceutical Biology*** 43 (4): 296 – 298.

### **Publications in Proceedings of Research Conferences:**

1. Victor .B and Sundar Raj .A 1987 Changes in the developmental morphology of oocytes in urea-toxified crab *Paratelphusa hydrodromous*. ***Proceedings of fifth Indian symposium of Invertebrate Reproduction***.(Ed) S.Palanichamy, pp 119-227. AP A College, Palani.
2. Victor .B, Jeyaraj D.A and Ramakrishnan .P 1990 Effect of cythion on food utilization, tissue pathology and behaviour of the freshwater crab *Paratelphusa hydrodromous* (Herbst). ***Impacts of Environment on Animals and Aquaculture*** (Eds) G.K. Manna and B.BJana, pp 256-269. Kalayani University, West Bengal.
3. Victor .B and Sarojini .R 1992 Cytomorphological sensitivity of prawn oocytes to experimental carbamate poisoning. ***Proceedings of National symposium on Environmental Biology*** (Eds.) M.A.Haniffa and M.Narayanan.pp. 141-147. St.Xavier's College, Palayamkottai, India.
4. Victor .B and Albin .A 1999. Molt susceptibility of post larval *Macrobrachium rosenbergii* to sublethal TiO<sub>2</sub> effluent toxicity. ***Sustainable environment*** (ed N.Sukumaran) pp 215-220 SPK Centre for Environmental Science, Manonmanium Sundaranar University, Alwarkurichi.
5. Victor .B and Anantha Rajan .R. 1999. Toxic effect of acetanilide Butachlor on molt physiology of the freshwater prawn *Macrobrachium idae*. ***Sustainable environment*** (ed.N.Sukumaran) pp-241-247 SPK Centre for Environmental Sciences, Manonmanium Sundaranar University, Alwarkurichi
6. Victor B. 2005. Quality enhancement in teaching learning: The use of Graphic organizers. ***Proceedings of National seminar on Quality sustenance and quality enhancement in the Post-accreditation context*** (ed. V.S.Joseph Albert) (NAAC. Bangalore), St. Xavier's College, Palayamkottai. Pp 99 – 117