

## PROFILE

**Dr. G. CHANDRAN, M. Sc., M. Phil., Ph. D.,**

29/7C Indra Nagar, Ilayangudi Road,

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### **Career Objective**

To become an excellent teacher for facilitating an educational atmosphere where students have the opportunity to fulfil their potential for intellectual, emotional, physical, social, spiritual and psychological growth.

### **Professional Experience**

<b>Designation</b>	:	Assistant Professor
<b>Department</b>	:	PG and Research Department of Zoology
<b>Institution</b>	:	Yadava College, Madurai.
<b>Experience</b>	:	September 2013 to till date (7 Years).
<b>Courses Handled</b>	:	Diversity I & II, Developmental Biology, Cell Biology, Genetics, Evolution, Bio-Statistics, Bio-Chemistry, Microbiology, Animal Physiology, Economic Zoology, Nanotechnology, Bioinformatics, Bioinstrumentation, Biotechnology, Immunology, Entomology, Environmental Toxicology, Malacology.

### **Educational Qualification**

S. No.	Course	Name of The Institution	University	Class Obtained	Month & Year of Passing
1.	Ph. D (Zoology)	Thiagarajar College, Madurai.	Madurai Kamaraj University	Awarded	Nov-2014
2.	M. Phil (Zoology)	AyyaNadar Janaki Ammal College, Sivakasi.	Madurai Kamaraj University	First Class with Distinction 77%	Aprl-2007
3.	M. Sc (Zoology)	Vivekananda College, Thiruvadakam, Madurai	Madurai Kamaraj University	First Class 73%	Aprl-2006
4.	B. Sc (Zoology)	Vivekananda College, Thiruvadakam, Madurai	Madurai Kamaraj University	First Class 71%	Aprl-2004
5.	12 <sup>th</sup>	KNPMMPS. Hr. Sec, School, Sammattipuram, Madurai.	State Board		Aprl-2001

6.	10 <sup>th</sup>	KNPMMPS. Hr. Sec, School, Sammattipuram, Madurai.	State Board		Aprl-1999
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### Area of Interest

Zoology, Biotechnology, Molecular Biology, Microbiology, Entomology, Malacology, Environmental Toxicology.

### Dissertation Details

S.No.	Course	Title of Dissertation	Guide Name
1.	Ph.D Zoology	Kinetics and mechanism of tolerance induction on acclimation of freshwater mussel <i>Lamelliden marginalis</i> (Lamarck) exposed to copper, zinc, lead, mercury and cadmium.	Dr.M.Chandran
2.	M.Phil Zoology	Biodiversity of spiders Fauna in Thalaiyanai area of westernghates, Sivagiri taluk, Virudhunagar District.	Dr.M.K.Rajan
3.	M.Sc Zoology	Biodiversity of spiders fauna in alagar hills reserve forest, Madurai District.	Dr.M. Shunmugavalu

### Technical quality

Gas chromatography Mass Spectrum (GC-MS), Thin Layer Chromatography, Atomic Adsorptions Spectrophotometer (AAS), P<sup>H</sup> Meter, Centrifuge, Electrophoresis (SDS and PHAGE), PCR, Microtome and Microbial Techniques

### Books published

S.No	Author	Title	ISBN	Publisher	Year of Publication
1	Dr.M.Chandran &G.Chandran	Key to Insects Identification	978-81-921047-1-3	Mauriyar Publications Madurai-20	2009
2	Dr.M.Chandran &G.Chandran	Introduction to Immunology	978-81-921047-2-0	Mauriyar Publications Madurai-20	2009

### Papers published in National and International Journals -5

## Thesis Guided

S.No		Total Number
1	M.Phil	7
2	PG	5
3	UG	12

### Diploma Course Completed:

- Diploma in sericulture technology
- Diploma in Gandhian thought
- Diploma in computer application

### Leadership Quality

- Village Adoption Programming Co-ordinator in 2004-2006 in Vivekananda College, Thiruvadakam-west, Madurai.
- GYMNASTIC & ATHLETIC

### Symposium and seminars attended

#### International level

1. **G. Chandran**, D. Kannammal, KR. Udhayavani and M. Chandran(2010).Heavy metals load in Vaigai River near Madurai District. International Conference on “Key role of life science for Sustainable Development in the World” on 30<sup>th</sup>& 31<sup>st</sup> August 2010 organized by Department of Life Science, Hindustan College of Arts & Science, Chennai.
2. **G. Chandran**, S. Boominathan and M. Chandran(2010).Impact of urbanization on loss of habitation to aquatic animals. International Conference on “Key role of life science for Sustainable development in the World” on 30<sup>th</sup>& 31<sup>st</sup> August 2010 organized by Department of Life Science, Hindustan College of Arts & Science, Chennai.
3. **G.Chandran**, N. Sasirekha, D. Kannammal and M. Chandran(2010).Habitation loss for fresh water mollusk in Madurai District.“Key role of life science for Sustainable Development in the World” on 30<sup>th</sup>& 31<sup>st</sup> August 2010 organized by Department of Life Science, Hindustan College of Arts & Science, Chennai.
4. **G.Chandran**(2010). Evaluation of lead degrading capacity of *Arthrobacter* bacterial sp isolated from metal plating industrial effluents. International Conference on food Technology on 30<sup>th</sup> and 31<sup>st</sup> October 2010, Organized by Indian Institute of Crop Processing Technology.
5. K. Shameem Rani **G.Chandran** and M.Chandran (2010). Screening and characterization of bacteriocin produced *vibrio* sp from fishes inhabiting in Cauvery estuary.. International Conference on food Technology on 30<sup>th</sup> and 31<sup>st</sup> October 2010, Organized by Indian Institute of Crop Processing Technology.
6. **G. Chandran**, K. Solai Arasi and M.chandran (2010). Influence of sprouted bean diet on LDL level and the decline of cardiovascular risks. International congress on Nutrition in Cardiovascular Disease on 15<sup>th</sup> and 16<sup>th</sup> November, 2010. Organized by Annamalai University.

7. N.Sasirekha, **G.Chandran** and M.Chandran presented a paper on “Magnesium rich rice bran as a natural food for the treatment of cardio vascular related disease” in the International, Department of Food Science, Periyar University, Salem on 19<sup>th</sup> November’ 2011.
8. **G.Chandran** (2011) Presented a paper “Water pollution monitoring in freshwater ponds of Madurai District with invertebrates indicator species”. In the international conference, Department of Biochemistry, REV.JACOB.MEMORIAL CHRISTIAN COLLEGE, Santhipuram, Ambilikkai.
9. **G. Chandran** and M. Chandran (2012) presented a paper on “Biomarkers as indicator for water pollution with heavy metals in Madurai district”, TSRO, Pudukottai-622003.
10. **G. Chandran** and M. Chandran (2014) presented a paper on “Phytoplankton species diversity of chosen ponds in sivagangai district, Tamil Nadu” in the National level seminar on “Biodiversity – A Prospective for future era” ArulmiguPalaniandavar Arts College for Women, Palani.

#### **PAPERS PRESENTED IN THE NATIONAL SEMINARS AND CONFERENCES**

11. **G.Chandran**, N. Sasirekha, S. Bhoominathan, R. Subramanian and *M. Chandran*(2010. A study on utilization of weed plants *Ipomeacarneae*, *Acalyphaindica* and *Tridexprocumbens* in vermicompost production by using earthworm *Eudriluseugeniae*. in the National Conference, Department of Zoology & Microbiology, J.J College of Arts and Science, Pudukkottai on 6<sup>th</sup> and 7<sup>th</sup> August’ 2010.
12. KR.Udhayavani, N.Sasirekha, **G.Chandran** and M.Chandran presented a paper on “Heavy metals accumulation level in the milk samples from different locations of Madurai District” in the National Conference, Department of Zoology & Microbiology, J.J College of Arts and Science, Pudukkottai on 6<sup>th</sup> and 7<sup>th</sup> August’ 2010.
13. KR.Udhayavani, N.Sasirekha, **G. Chandran** and M. Chandran (2010).Heavy metals accumulation level in the milk samples from different locations of Madurai District. National Conference on “Biotechnology Approaches for Sustainable Environment “on 6<sup>th</sup>& 7<sup>th</sup> august 2010 at Department of Biotechnology, JJ College of Arts and Science, Pudukkottai-22.
14. **G. Chandran** and M. Chandran (2011) “Biodiversity of spider in Thalayani Area of Western Ghats, Tirunelveli District, Tamil Nadu” Department of Biotechnology, J.J College of Arts and Science, Pudukottai.
15. **G. Chandran** and M. Chandran (2008) “Save Nature for the Future” Department of Biochemistry, V.V.V College for Women, Virudhunagar.
16. **G.Chandran**and J.Umamaheswari (2017) ‘Recent Advances In Biological Science’ Department of biochemistry and Microbiology, Sourashtra College, Madurai.

17. **G.Chandran** (2017)" NATIONAL SYMPOSIUM ON RECENT SCENARIO OF ENVIRONMENTAL POLLUTION IN INDIA (NSRSEPI-2017), Department of Zoology, Thiruvalluvar University, vellore.
18. **G.Chandran** (2020)" NATIONAL CONFERENCE ON Environmental sustainability Health and Pollution Abatement. Presented a paper on Biodiversity of spider fauna in Alagar hills, Madurai District. at Department of zoology M.S.S. Wakf Board College, Madurai.
19. **G.Chandran and B.Ramanathan** (2020)" NATIONAL CONFERENCE ON Environmental sustainability Health and Pollution Abatement. Presented a paper on a preliminary study on biosynthesized silver Nanoparticles in agricultural pest control. Department of zoology M.S.S. Wakf Board College, Madurai.

### **Awards and Achievements**

Rewarded 3 prizes in international conferences.

### **Computer Proficiency**

Operating System : Windows7 to Windows 10.  
Software : MS-Office Package 2013.  
Typing Skill : English (Lower in Distinction).

### **Personal Details**

Father's Name : P.Govindan  
Mother's name : G.Vellaiyammal  
Age & DOB : 37&16. 05. 1983  
Language Known : Tamil and English  
Nationality : Indian