

PROFILE



Name : **DR. AROCKIAM THADDEUS**

Designation : Associate Professor

Department : Zoology

Date of Birth : 27.02.1962

Date of Appointment: 21.07.1988

1.CONTACT DETAILS

Address :w/o Dr. M.A. Jothi Rajan
Plot. No. 6, NGO colony
Thenkarai, Periyakulam -625601

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2.ACADEMIC

S. No.	Degree	Institution	Year
1.	B.Sc.	St. Mary's College, Tuticorin, Madurai Kamaraj University	1982
2.	M.Sc.	Holy Cross College, Nagercoil, Madurai Kamaraj University	1984
3.	B. Ed.	Annamalai University	1986
4.	Ph. D.	Loyola College, Chennai, The University of Madras	1990
5.	CGT	Madurai Kamaraj University	1991
6.	DHRD	Annamalai University	2007

Area of Specialization / Interest : Agricultural Entomology, Vermitechnology

3. Teaching Experience : (UG & PG) - 27years

: M.Phil. - 10 years

4. RESEARCH CONTRIBUTIONS

Guiding Ph. D. : 4 Scholars
M. Phil. Awarded : 10 Scholar

6. PRESENTATION

- UGC sponsored National Conference on Recent Trends in Physics “AFM studies on the morphology of earth worms exposed to different diets” on 23rd & 24th March, 2009, at J.A. College, Periyakulam
- UGC sponsored National conference on “conserve mother earth – the need of the hour”- “Herbal Vermicompost tested on the selected vegetable crops and oyster mushroom” on 9th & 10th March 2009, at J.A. College, Periyakulam
- UGC sponsored National conference on “conserve mother earth – the need of the hour”- The status of enzymes and microbes in the gut of earthworms fed with the balanced diet on 9th & 10th March 2009, at J.A. College, Periyakulam
- The first International seminar on Biocosmology1. “Is cultural pluralism an indicator of good health “Do new epidemics set trends to explore traditional medicines” on July 22nd -25th 2010 at Veliky Novgorod state university, Russia
- 11th Asian Bioethics Conference. “Bioethics and Climate Refugees” on 1-2 August 2010 at National University of Singapore
- 11th International Conference on Public communication of Science & Technology Why INO progress is slow? A case study on 6 – 10 Dec. 2010 at New Delhi
- Two day National Seminar on enhancing the quality of teaching & learning methods in HE. Challenges of HE to enhance the developmet of rural students on 9th & 10th Dec, 2011 at Selvam Arts Science College, Namakkal, TN.
- II National symposium on crop productivity, food safety and environmental conservation Testing on Biophysical aspects of earthworm exposed to Various substrates on 19th & 20thNov.2012 at Mangala towers, Thrissur, Kerala

- Dr. Arockiam Thaddeus, Associate Professor of Zoology presented a paper on Earthworm: A Potential and Sustainable Source for Soil Fertility – An Altitude Based Biophysical Study at International Conference on Energy, Environment and Natural Resources, Hangzhou, China on 27th to 28th May 2016.
- Dr. Arockiam Thaddeus, Associate professor in Zoology has participated in the seminar on Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges and Solutions at Jayaraj Annapackiam College For Women on 29th & 30th September 2016.

7. PUBLICATION

- ✚ M.A.Jothirajan and **Arockiam Thaddeus** . ‘Medical is Medical if and only if it is practiced in the Axioms of Bioethics’ Eubios Journal of Asian and International Bioethics May 2010 Vol.20 pp.77 - 79
- ✚ M.A.Jothirajan and **Arockiam Thaddeus** Bioethics and climate refugees July 2010 Vol.20 pp.115-116
- ✚ G. Sumathi and **Arockiam Thaddeus** ‘A comparative study on the status of enzymes and microbes in the gut of earthworms nourished with balanced diet’. Research on Environment & life sciences ISSN: 0974-4908 5(2) 91- 96(2012)
- ✚ Kanimozhi and **Arockiam Thaddeus** ‘Vermicompost of herbs cum weeds tested on selected vegetable crops’. Research on Environment & life sciences ISSN: 0974 – 4908 4(2) 79-80 (2012)
- ✚ G. Sumathi and **Arockiam Thaddeus**. Impact of Organic rich diet on gut enzymes, microbes and biomass of Earthworm, *Eudrilus euginea* An International J. Env. Biol ISSN 0254 – 8704 JULY 2012
- ✚ **Arockiam Thaddeus**, G. Sumathi and, **M.A.Jothirajan** Selection of earthworm species for vermicomposting with the aid of AFM studies, International Research Journal of Biological Sciences ISSN 2278- 3687, 4(4) pp.984-998 June 2015.
- ✚ M. Kanchilakshmi G. Sumathi and **Arockiam Thaddeus**, **P. Chandrasekar** Earthworm processed weeds on plant growth attributes, International Research Journal of Biological Sciences, ISSN 2278- 3202, 4 (7) 1-3, July 2015.
- ✚ G. Sumathi M. Kanchilakshmi and **Arockiam Thaddeus**, **P. Chandrasekar** Tests on vermicomposts for the suitability to vegetable (*Abelmosus esculentus*) crops, Scientia Acta Xaveriana International Science Journal, ISSN 0976-1152, Volume-5, No-2, pp-1-26, September 2014

- ✚ M. Kanchilakshmi and **Arockiam Thaddeus**, Earthworm: A Potential and Sustainable Source for Soil Fertility – An Altitude Based International Journal of Environmental Protection and Policy, ISSN 2303-7528, 2016, 4(3), pp. 77-85.

8. RESOURCE PERSON

- **“RADITAION BIOLOGY”** UGC Sponsored Intercollegiate Seminar Department of Physics at Arul Anandar College, Karumathur, On 25th February 1999.
- **“IMMUNOLOGY”** – In-service Programme for P.G.Teachers (Govt. sponsored) in Theni District on 30.07.2005 & 27.09.2005.
- **“BIOETHICS FOR SCHOOL TEACHERS”** In the International Awareness & Training Programme on Bioethics Education” at J.A.College for women, Periyakulam on 20. 01.2005.
- **“BIOETHICS”** at SDA Schools, Periyakulam on 23.01.’06.
- **“BIOETHICS EDUCATION IN MADURAI DISTRICT”** “for Engineering students of Anna University, Chennai on **26th** & 27th January 2006.
- **“VERMICULTURE TECHNIQUES”** National conference on ‘ Biotechnology for Human welfare’ at J.A. College, on 7th & **8th** Periyakulam, Dec. 2006.
- **“AGEING & CARING”** in UGC Sponsored National Seminar on Recent trends in understanding theory and practices of values at J.A.College, Periyakulam. on 11th & **12th** Jan. 2007.
- **“ETHICAL ISSUES ON OTHER GENDER”** in the International conference on Bioethics at Mother Teresa Women’s University, Kodaikanal on (24,**25** & 26.09.2008).
- **“NON-STIGMATIZATION of THE THIRD GENDER”** in the International Workshop & Awareness Training Course on Bioethics Education at Arul Anandar college, Karumathur, Madurai on (26 & **27.09.2008**).
- **“Talk on “Technology – a boon to humanity if ethics is practiced”** on **29thJune** - 3rd July2009, Dept. of Computer Science, JAC.

- Mass media for nutrition education; mass awareness programme; Communication techniques, effective communication and its significance on 26.11.09 at ICDS Office, Theni.
- Inaugural function of the Group – II TNPSC free coaching class for graduates - a talk on Self-Confidence on 19. 01. 2010 at EMAI Trust, Theni.
- Inservice training programme for school teachers of Usilampatti Motivation for teaching science on 3rd Dec. 2010 at Arul Anandar College, Karumathur.
- National Science Day – 2011. Biodiversity & Environment on 26th&27th Feb.2011 at Arul Anandar College, Karumathur.
- Village women towards development –Training program for Women Training on Mushroom Culture on 09. 02. 2011 at the department of Extension, JA college.
- Delivered a talk on **Bioremediation** at SACW College, Cumbum on 14th August, 2013.
- Radio programme on **Novelties in Zoology** at AIR, Madurai on 29th June, 2013.
- Conducted viva-voce at the department of Biochemistry & Biotechnology at Sri Adi Chunganagiri Coolege for womren, Cumbum, on 4. 7. 2014.
- Training workshop on Environmental Impact Assessment on 9 -12. 07.2014 at Lady Doak College, Madurai.
- Delivered Valedictory address on ‘Teaching and learning – the ICT way’ in the International seminar on ‘Towards better learning, teaching and evaluation at St. Charles College of education, Thirunagar, Madurai on 27. 03. 2015.
- Radio talk on ‘Animal wonders’ and ‘Ariviyal malargal’ in All India Radio on 30. 07. 2015.
- ‘Conservation of Nature’ on 18. 11. 2015 in the NSS camp at Sarathu patti, Theni District conducted by J.A. College, Periyakulam NSS units.

RADIO TALK

“**Athisaya Vilangugal**” on 27.07.2015 in All India Radio at Madurai.

9. MEMBERSHIP IN PROFESSIONAL BODIES:

1. Life Member of All India Bioethics Association
2. Life Member of Indian Red Cross Society
3. Member-United Board for Christian Higher Education in Asia. UBCHEA sponsored Environmental education, Lady Doak College, Madurai

10. POSITIONS HELD:

Foundation course	Chairman	(2008 – till date)
National Service Scheme	Program Officer	(2012 – till date)
Environment Education	Representative for UBCHEA Programme (Lady Doak College)	(2012 – 2013)

11. SEMINARS ORGANIZED

Year	Seminars organized	Beneficiaries	Funding Agency	Date & Venue
2008- ,09	Summer Science awareness camp	Talented rural girls of Theni District	TNSCST, Chennai	May 15 – 19, 2008
2009- ,10	In-service training programme	Secondary grade science teachers of Theni District	TNSCST, Chennai	Jan. 6 – 10, 2009
	Creation of Scientific Awareness	School children, Self help group, & Farmers of Theni District	TNSCST, Chennai	4 th & 5 th Feb.2010
2011-.,12	A workshop on Recent trends in Science	For the college teachers, Research scholars & Students	TNSTC, Chennai	12 th & 13 th October, 2011
2012-.,13	A Workshop on SPSS	For the college teachers, Research scholars & Students	TNSTC, Chennai	11 th – 15 th Feb. 2013
2015-2016	A Workshop on SPSS	For the college teachers, research scholars and students	TNSTC, Chennai	24 – 28.8. 2015

12. EXAMINERSHIP:

QUESTION SETTING & VALUATION

1. Economic Entomology& Endocrinology for m.sc., ii year students – Ayya Nadar Janakiammal College (Autonomous), Sivakasi (March 2003)
2. Environmental biology for iii b.sc., r.d.s. (rural developmental science) Arul Anandar College, Karumathur
3. M.K.University Valuation For Three Years
4. Developmental biology
5. Endocrinology
6. General knowledge For II M.Sc., zoology Ayyanadar Janakiammal College (Autonomous), Sivakasi – (October 2003)
7. M.S. University April 2006 – 2009
8. M.S.University Question Setter for 3 Years
9. Thiagarajar College, Madurai Question Setter 2008 till date
10. Holy Cross College, Nagercoil, Question setter 2008 till date

13. P.G. PRACTICAL EXAMINER (M.K. UNIVERSITY & M.T. UNIVERSITY)

YEAR	NAME OF THE INSTITUTION	PROGRAMME UG/PG/M.PHIL
2002 - 2005	Arulmigu Palaniandavar College For Women, Palni	Invertebrata - i ancillary/UG
2006	Internal Examiner for University Practical Exam	P.G. & U.G.
2008 - 2010	Viva-Voce, SACW College, Cumbum	M.Sc., M.Phil.
2008-2009	Viva-Voce Examiner (External), Barathidasan University	M.Phil.,
2015-2016	Practical Examiner for M. V. Muthiah Government Arts College (W), Dindigul	UG

14. RESEARCH SUPERVISER

- ✓ Applied for research supervisor for bioethics under the recommendation of UNESCO, Bangkok
- ✓ Got the recognition for guiding Ph.D scholars by Mother Teresa women's university from 01.07.2007

COMPLETED ON MAJOR RESEARCH PROJECT

Name	Title of the project	Ongoing / completed / proposals submitted	Period	Funding Agency & Amount sanctioned (Rs)
Dr. Arockiam Thaddeus Principal investigator	“An Inventory study on available earthworm species for prospective vermicomposting and vermiculture amidst global warming towards global worming”	Completed	2012-2015	UGC 10, 84, 800

15. Member in Academic forums (outside the campus)

- ✚ University Nominee and subject expert to conduct the interview for the post of Lecturer in Zoology at Arulmigu Palaniandavar College, Palni, on 23rd & 24th Dec. 2008
- ✚ University Nominee and subject expert to conduct the interview for the post of Lecturer in Zoology at St. Xavier's College, Palayamkottai on 27th September, 2009

- ✚ Appointed as External Examiner to conduct Viva-Voce for M.Phil. (Biochemistry) Scholars at Sri Adi Chunchanagiri Women's College, Cumbum on 9. 5. 2009
- ✚ Appointed as External Examiner to conduct Viva-Voce for M.Phil. (Biotechnology) Scholars at Barathidasan University, Trichy in 2010 -2012

16. SPECIAL REMARKS

Call Letters

From *Japan* (Tsukuba Science City)

From *Bangkok* – Asian Bioethics Conference

From *UNESCO* – New Zealand Bioethics Conference

From *Philippines* – Bioethics Conference

17. ORGANIZED AND LEAD ADVENTUROUS EXPEDITIONS

- (i) Anglade Institute of Natural history Shenbaganur, Kodaikanal. III B.Sc. students – Adventurous training 24 – 27.02.1990

18. REFEREES

Rev. Sr.Y. YESU THANGAM - Principal, J. A. College for Women
(Autonomous), Periyakulam

Dr. Darryl R.J. Macer - Regional Adviser, RUSHAP, RASHAP,
UNESCO, Bangkok

19. NATIONAL COMMITTEES

- Member – All India Bioethics Association
- Life member – Ethological Society of India
- Member South Indian Red Cross society

20. Residential Address / Address for Communication

Dr. (Mrs). Arockiam Thaddeus, W/O Dr. M.A.Jothi Rajan, 6, N.G.O. Colony, Thenkarai,
Periyakulam, 625 601, Theni District

