

PROFILE



Name : Dr. Sr. T. NIRMALA
Designation : Principal & Associate Professor
Department : Zoology
Date of Birth : 04.04.1962
Date of Appointment : 01.06.1987 - 30.06.1989
Appointment : 02.07.1991 – Till date

CONTACT DETAILS

Present Address : Jayaraj Annapackiam College for Women (Autonomous), Periyakulam - 625 601, Theni District.

Permanent Address : St. Anne's Convent, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam - 625 601, Theni District.

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ACADEMIC

S.No.	Degree	Institution / University	Award / Class
1	Ph.D. Zoology (Field Ornithology)	Bharathiar University, Coimbatore 2002	Gold Medal for Best Ph.D. in Zoology during 2001-2002
2	D.HRD	Annamalai University December 2008	I Class
4	B. Ed	Madurai Kamaraj University. April 1992	II Class
3	M.Sc. Zoology	Madurai Kamaraj University April 1985	I Class

TEACHING EXPERIENCE : 25 years

SPECIALIZATION : Ornithology

ACADEMIC AFFILIATION

Principal	:	2012-2013 till date
Vice-Principal &	:	1998 -1999
Associate Professor	:	2006 - 2012
Reader & Lecturer (S.G)	:	2003 - 2006
Lecturer (S.S)	:	1998 - 2003
Lecturer	:	1987 - 1989 & 1991 - 1997

PROFESSIONAL AFFILIATION

- ✎ Coordiantor of Fine Arts 1992-'93
- ✎ Coordiantor of Adult Education 1993-'94
- ✎ Joint Director of SARWODEEP (St. Anne's Rural Women Development Extension Programme) from 1994-1998.
- ✎ Consultant of Field Ornithologist in Palani Hills Bird Watchers Society since 2004. Implanted Eco Club & Avian Club in the college since 2005
- ✎ N.S.S. Programme Co-ordinator - 3 years (1991 - '92, 2004 - 05 & 2005 - 06)
- ✎ College Governing Body Member since 2006.
- ✎ Vice-Principal since 2006 – 2011.
- ✎ College Standing Committee of the governing body management 2006 onwards.
- ✎ College Finance Committee Member 2006 onwards.
- ✎ College members of the Staff Council 2006 onwards.
- ✎ Member of Ethological Society of India 2006 onwards.
- ✎ Member of Applied Ornithology of India 2006 onwards.
- ✎ Member of Palani Hills Bird Watchers Society 2006 onwards.
- ✎ Member of World Pheasant Association 2006 onwards.
- ✎ College Appointment Committee Member 2006 onwards.
- ✎ College Research Committee Member 2006 onwards.
- ✎ College Students' Welfare Committee Member 2006 onwards.
- ✎ Governing Body Member of Anbagam & Special B.Ed. at Anbagam Extension, DRO Colony, Madurai, 2012 onwards.
- ✎ Governing Body Member of St. Anne's B.Ed. College, Periyakulam.
- ✎ President of Xavier Board of Tamil Nadu from this academic year 2013-2014.
- ✎ NAAC Accessor of NAAC Office, Nagarbhavi, Bangalore from 25th and 26th April, 2013

RESEARCH EXPERIENCE

- Research Experience – 14 Years
- Approved Ph.D. Guide of M.T. Women's University, Kodaikanal.

- Guiding two Ph.D. Scholars.
- Completed a Minor Project from UGC during 2001-2003.

MAJOR PROJECT ON GOING FROM 2012-2013 (UGC FUNDED)

Composition and trophic analysis of entamofauna and endemic avifauna with special reference to physico-chemical analysis of water and soil at Southuparai Reservoir, Theni District.

PUBLICATIONS

- Merlin Dayana L., Albin T. Fleming, Shanthi V and **T. Nirmala** (2009) Effect of plant food utilization and energy budget of fresh water fingerlings *Catla catla* and *Cirrhinus mrigala*. Journal of Aquatic Biology 24 (2):234-238. Nirmala, T. (2010) Bird communities in scrub and mixed dry deciduous forests of the Anaikatty hills, Coimbatore. Monograph, SACON (in process).
- Merlin Dayana L., Delphine Rose M.R., **Nirmala T.** and Jemima Florence Borgia (2011) Effect of different animal diets on energy budget of fresh water fingerlings *Catla catla* and *Cirrhinus mrigala*. Res. Environ. Life Sci. 4(2):75-78
- **Nirmala, T.** and L. Vijayan (2011). Bird Communities in Scrub and Mixed Dry Deciduous Forests of Anaikatti Hills, Tamil Nadu. Bhupathy S, Prusty B A K, Kumara H N, Jayaraj R S C, Quadros G and Pramod P (Eds) (2011). Status of Indian Birds and their conservation. Proceedings of the First International Conference on India Ornithology, 19 – 23 November, 2011. Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, India. 160-162pp.
- **Nirmala, T.** (2011). Food Availability Influences the Seasonality of Bird Communities in Tropical Forest. Bhupathy S, Prusty B A K, Kumara H N, Jayaraj R S C, Quadros G and Pramod P (Eds) (2011). Status of Indian Birds and their conservation. Proceedings of the First International Conference on India Ornithology, 19 – 23 November, 2011. Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, India. 273-275pp.
- Kanchilakshmi, M., Kohila, .K and **Nirmala .T** (2011). Impact of Tannery Effluent on Bird Species in a tank at Dindigul, Tamil Nadu. Bhupathy S, Prusty B A K, Kumara H N, Jayaraj R S C, Quadros G and Pramod P (Eds) (2011). Status of Indian Birds and their conservation. Proceedings of the First International Conference on India Ornithology, 19 – 23 November, 2011. Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, India 280pp.
- **Nirmala, T.** Pavatharini, P and Delphine Rose M.R (2010). Water quality assessment in Theni district, Tamil Nadu, India. Journal of Aquatic Biology 25 (1): 66-68.
- **Nirmala, T.** and L. Vijayan (2010) Checklist of Avifauna in Anaikatty Hills, Coimbatore. Journal of Threatened Taxa (accepted).

- Merlin Dayana L., Delphine Rose M.R., **Nirmala T.** and Jemima Florence Borgia (2011) Effect of different animal diets on energy budget of fresh water fingerlings *Catla catla* and *Cirrhinus mrigala*. Res. Environ. Life Sci. 4(2):75-78.
- **Nirmala, T.** and L. Vijayan (2011). Bird Communities in Scrub and Mixed Dry Deciduous Forests of Anaikatti Hills, Tamil Nadu. Bhupathy S, Prusty B A K, Kumara H N, Jayaraj R S C, Quadros G and Pramod P (Eds) (2011). Status of Indian Birds and their conservation. Proceedings of the First International Conference on India Ornithology, 19 – 23 November, 2011.Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, India. 160-162pp.
- **Nirmala, T.** (2011). Food Availability Influences the Seasonality of Bird Communities in Tropical Forest. Bhupathy S, Prusty B A K, Kumara H N, Jayaraj R S C, Quadros G and Pramod P (Eds) (2011). Status of Indian Birds and their conservation. Proceedings of the First International Conference on India Ornithology , 19 – 23 November, 2011.Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, India. 273-275pp.
- Kanchilakshmi,M., Kohila, .K and **Nirmala .T** (2011). Impact of Tannery Effluent on Bird Species in a tank at Dindigul, Tamil Nadu. Bhupathy S, Prusty B A K, Kumara H N, Jayaraj R S C, Quadros G and Pramod P (Eds) (2011). Status of Indian Birds and their conservation. Proceedings of the First International Conference on India Ornithology , 19 – 23 November, 2011.Salim Ali Centre for Ornithology and Natural History (SACON), Coimbatore, India 280pp.
- **Dr. Sr. T. Nirmala**, Principal, published a paper on “Key Areas in Higher Educational Institutions” in (62) AICP - College News - Aug. -Dec. 2012, Jan.-Feb.2013.
- **Dr. Sr. T. Nirmala**, Principal & Sr. S. Iruthaya Kalai Selvam, Assistant Prof. in Zoology, “Oral feeding of probiotic bacteria on the survival growth and immune responses of the fresh water prawn macrobrachium idea”.
- **Dr. Sr. T. Nirmala**, Principal and Dr.Mrs. K.R. Gunasundara Devi, Associate Prof. in Political Science, “Governance and Women at the Grassroot level with Reference to Theni District, Tamilnadu
- **Dr. Sr. T. Nirmala**, Principal and Mrs. R. Mary Mathelane, Associate Prof. in Physics, “Innovative Teaching Practices”
- **Dr. Sr. T. Nirmala**, Principal and Mrs. M. Arulmozhi, Associate Prof. in Physics, “Autonomy - A Journey towards Quality & Excellence”
- **Dr. Sr. T. Nirmala**, Principal, “Key Areas in higher Educational Institutions” in (62) AICP - College News - Aug. -Dec. 2012, Jan.-Feb.2013.
- **Dr. Sr. T. Nirmala**, Principal & Sr. S. Iruthaya Kalai Selvam, Assistant Prof. in Zoology, “Oral feeding of probiotic bacteria on the survival growth and immune responses of the fresh water prawn macrobrachium idea.”

PAPERS PUBLISHED IN THE NATIONAL AND INTERNATIONAL SEMINARS

- Ajmal Jahan U. and **T. Nirmala** (2009). Status, distribution and conservation of bird species diversity in Theni district, Tamil Nadu, India. Proc. of National Seminar on “Conserve the Mother Earth-Need of the hour”. Post Graduate Dept. of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni Dt. December 9th & 10th March, 2009. P. 39-43.
- Menaga G. and **T. Nirmala** (2009). A comparative study of migratory bird population along the east coast of Tamil Nadu. Proc. of National Seminar on “Conserve the Mother Earth-Need of the hour”. Post Graduate Dept. of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni Dt. December 9th & 10th March, 2009. P. 44-50.
- Archanadevi L., Agathammal R. and **T. Nirmala** (2009). Impact of select physicochemical parameters on well and falls water in Theni district. . Proc. of National Seminar on “Conserve the Mother Earth-Need of the hour”. Post Graduate Dept. of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni Dt. December 9th & 10th March, 2009. P. 79-87.
- Karthika R. and **T. Nirmala** (2009). Food preference and growth rate of caged birds Proc. of National Seminar on “Conserve the Mother Earth-Need of the hour”. Post Graduate Dept. of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni Dt. December 9th & 10th March, 2009. P. 102.
- Medona Mary R., Augustine A and **T. Nirmala** (2009). Studies on the biology of two forensically important insects *Lucilia serenissima* (Fab) and *Sarcophaga carnaria* (Fab). Proc. of National Seminar on “Conserve the Mother Earth-Need of the hour”. Post Graduate Dept. of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni Dt. December 9th & 10th March, 2009. P. 128-131
- Rajalakshmi M. and **T. Nirmala** (2009). Effect of organic amendments on spawn and oyster mushroom production. Proc. of National Seminar on “Conserve the Mother Earth-Need of the hour”. Post Graduate Dept. of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni Dt. December 9th & 10th March, 2009. P. 157
- Nagalakshmi A. and **T. Nirmala** (2009). A survey of birth control measures in Chinnalappatti, Dindigul district. Proc. of National Seminar on “Conserve the Mother Earth-Need of the hour”. Post Graduate Dept. of Zoology, Jayaraj Annapackiam College for Women (Autonomous), Periyakulam, Theni Dt. December 9th & 10th March, 2009. P. 158-166.
- Gracy Kutty T. I., **Nirmala T.** and M. Muthlakshmi (2010). Effective Self Management. National Conference on Inculcation of Values for holistic life amidst Technical Scenario at JA College for Women (Autonomous), Periyakulam 6th - 7th Dec. 2010.161-166pp.
- **Nirmala T.**, Gracy Kutty T. I. and R. Medona Mary (2010). Values of youth in an ideal society. National Conference on Inculcation of Values for holistic life amidst Technical Scenario at JA College for Women (Autonomous), Periyakulam 6th - 7th Dec. 2010.
- **Nirmala T.** and T. I. Gracy Kutty (2010). Availing Environmental Human Rights – the Pressing need of the hour. National Conference on Human Rights at J.A. College, Periyakulam 9th - 10th Dec. 2010.

- **Nirmala T.** Principal ‘Educating Women: A Development Imperative’ National Conference on “Role of women in environmental sustainability Mother Teresa Women’s University, Kodaikanal, 27th and 28th Nov. 2012.
- **Nirmala T.** Principal National Seminar on “Quality concerns in Higher Education institutions to meet global challenges” organized by the Internal Quality Assurance Cell (IQAC) of Holy Cross College (Autonomous), Nagercoil, held on 14th Dec.2012.
- XIV National Conference of Association of Indian College Principals “ Key Words of Higher Education Institutions” held at Ravindra Bhavan, Margao, Goa, on 21st & 22nd Feb. 2013

BOOK PUBLISHED

1. Dr. Sr. T. Nirmala and Mrs. V. Shanthi, A Book of Chordate Diversity, ACCA Publishers, J.A. College, Periyakulam, 2003
2. Dr. Sr. T. Nirmala, Mrs. V. Shanthi, Mrs. Anita Kannagi and Dr. Mrs. Catherine P. Alexander, First Edition Lab Manual in Zoology, ACCA Publishers, J.A. College, Periyakulam, 2004-2005.
3. Dr. Sr. T. Nirmala and Mrs. Daisy Chandra, Manual for Biodiversity Measures, ACCA Publishers, J.A. College, Periyakulam, 2004-2005.
4. Dr. Sr. T. Nirmala, Puthyirum Puthuvazvum tharum Varthai Nanae. (First and Second Edition), Vaigarai Pathipagam, Dindigul, ISBN978-93-80253-20-6, 2009-2010.
5. Dr. Sr. T. Nirmala, A Text Book of Chordate Diversity Code No.P 1182 ISBN: 978-81-7735-723-3, Pavai Publications, Royapettah, Chennai, 2013
6. Mrs. M. Nabisa & Dr. Sr. T. Nirmala, EC English, ISBN: 978-81-7735-664-9, Pavai Publications, Royapettah, Chennai, 2013

SEMINARS/CONFERENCES/WORKSHOP PARTICIPATED (Last Five Years) - 8

- State Level Seminar on “Modern Biological Sciences” sponsored by the Indian National Science Academy (INSA), Madurai Local Chapter on 27th January 2009.
- National Seminar on “Conserve the Mother Earth – Need of the Hour” on 10th and 11th February, 2009.
- University Level Workshop on “Application of Statistical Packages in Biology” on 23rd February, 2009 for P.G and M.Phil students.
- Workshop on Recent Trends in Science for Talented Rural School Students of Periyakulam Educational District during 12th and 13th October 2011 at Jayaraj Annapackiam College for Women (autonomous), Periyakulam, Theni Dt Sponsored by Tamil Nadu Science and Technology Centre, Chennai.
- Workshop on “Towards a more effective administration” during 24th and 25th Aug.2012, at Madurai Kamaraj University, Madurai, Sponsored by UGC Academic Staff College.
- Two day Workshop on ‘Action Plan on Reforms of Affiliating system: A way forward’ held on 7th and 8th Sept.2012, at Maulana Azad National Urdu University, Hyderabad.

- State Level workshop on “ Statistical Packages for the Social Sciences (SPSS)’ Sponsored by Tamil Nadu Science & Technology Centre, Chennai held on Post Graduate Department of Zoology at Jayaraj Annapackiam College for Women (Autonomous), Periyakulam from 11th Feb.2013 to 15th Feb. 2013.
- Diamond Jubilee Celebration of the Xavier Board of Higher Education and the 21st Triennial attended at Mysore from 27th and 30th April 2013.

AWARDS/RECOGNITION:

- **Indira Gandhi Best Women Achievers Award** (2010-2011), India International Friendship Society.
- **Eminent Educationist Award** (2011-2012), National and International Compendium
- **Rajiv Gandhi Education Excellence Award** (September, 2012), International Institute of Education & Management.

RESOURCE PERSON:

- Chief Guest for the Biological Science Association and delivered a talk on “**Personality Development**”, St. Anne’s B.Ed. College, Periyakulam – 625 601 on 28th February, 2008.
- Chief Guest for the Biological Science Association and delivered a talk on “**Charles Darwin & Evolution**”, St. Anne’s B.Ed. College, Periyakulam – 625 601 on 28th February, 2008
- Chief Guest for the Inauguration of the Biological Science Association and delivered a talk on “**Charles Darwin & Evolution**”, Gandhigram Trust, Gandhigram – 624 302 on 26th February, 2009
- Chief Guest for the Biological Science Association and delivered a talk on “**Global Warming and Climate Change**” “**Biodiversity and Conservation Strategy**”, St. Anne’s B.Ed. College, Periyakulam – 625 601 on 9th September, 2010.
- Chief Guest for the Biological Science Association and delivered a talk on “**Significance of the year of the Forest**” at St. Anne’s B.Ed. College, J. A. C. Campus, Periyakulam – 625 601 on 11th March, 2011
- Traininig Program for Anganwadi Workers Job Training Organized by Ministry of Integrated Child Development Scheme at Theni Urban Office held on 22nd June 2013 – “**Improving diet at low cost, Modifying family foods and Conservation of nutrients during food Preparation**”