

CURRICULUM VITAE

Name : Dr. Suryakala Illendula

Address : Plot No: 11, Tirumala Enclave,
Trimulgherry, Secunderabad-500015, A.P

Designation : Asst. Prof., Zoology

Department/College : Department of Zoology, Nizam College,
Osmania University, Hyderabad

Date of Birth : 15-12-1956

Academic Qualifications : M.Sc., Ph.D in Zoology, Entomology
Research Associate (CSIR)
Pool Scientist (CSIR)

Teaching Experience : 19 years – (1993 – 2012)
Dept. of Zoology, Osmania University

Research Experience : 20 years - (1992 – 2012)
Dept. of Zoology, Osmania University

Research Supervisor, 2007
PhD students registered – 6

Pool Scientist (CSIR), 1996 -1999
Project – “Integrated Pest Management”
Dept. of Zoology, Osmania University

Research Associate (CSIR), 1992-1996
Project – “Studies on the effect of 25-
Azacholesterol on the economically
important insect pest *Spodoptera litura*
Selected for higher slab for Research
Associate from June 1995
Dept. of Zoology, Osmania University

Ph.D in Zoology (Entomology), 1986
Screening of plants for insect growth
regulators
UGC-JRF, 1982 – 1984, SRF 1984 -
1985
Dept. of Zoology, Osmania University

International Conferences

Presented a research paper titled “**Biodiversity and Butterflies of the Deccan Plateau**” at the 60th Annual meeting of the Lepidopterists Society, Yale University from 23rd to 26th June 2011 at New Haven, CT, USA.

Countries Visited

: **Iran** – Plant Protection Training (1985)
Thailand – Workshop on Natural Toxins in University of Chulalongkon, Sericulture department, Bangkok (1998)
Singapore – Department of Biology, National University of Singapore
U.S.A- Yale University, New Haven, CT (June 2011)

Memberships

: Life member, LM-356
Plant Protection Association of India
Counselor - Hyderabad (2010 - 2011)

Member, Entomological Society of India
Member, Insect Study and Conservation Network (ISCN), Bangalore

Butterfly Conservation Society
General Secretary, Hyd (2010 – till date)

Other Activities

- : 1. Student Educational Tours
Visakhapatnam, 1996
South India Tour (10 days), 1998
North India Tour (10 days), 1999
2. Field trips for students (2000 – 2011)
- i. International Crop Research
Institute for Semi – Arid Crops (ICRISAT), Patancheru, Hyderabad
 - ii. National Plant Protection
Training Institute (NPPTI), Rajendranagar, Hyderabad
 - iii. Directorate of Oil and Seed crops (DOS), Rajendranagar, Hyderabad
 - iv. Department of Seri Culture, Shadnagar
 - v. Horticulture Department – Apiculture, Vermiculture

vi. National Institute for Rural
Development (NIRD)
Rural Technology Park,
Rajendranagar, Hyderabad

Orientation Courses

International Workshop:

“Workshop on Natural Toxins”, Bangkok, Thailand (September -1998)

National Workshops:

1. **Workshop on ‘Principles and Practices in Zoology Laboratory Techniques (Specializations)’** (March 2010)
Osmania University, Hyderabad
2. **Sensitization program on implementation of ‘Protection of women from Domestic violence Act, 2005’** (February 2010)
National Institute of Public Cooperation and Child Development, Bangalore
3. **Workshop on ‘Current trends in Animal Biology and Biotechnology’**
(February 2010)
4. **Capacity Building of women managers in higher education** (July 2009)
University Grants Commission, Hyderabad
5. **Pesticides Application Technology and Bio-Pesticides** (December 2007)
(Arranged training in the above course with certificate for post graduate students,
Agricultural Entomology, Department of Zoology, Nizam College)
6. **Orientation training course on ‘Pesticides Application Technology and Integrated Pest Management** (1st – 2nd November, 2007)
National Plant Protection Training Institute (NPPTI) –
Government of India, Ministry of Agriculture
(Arranged the above training course for 20 post graduate students of Zoology –
Entomology with certificates)
7. **Refresher Course in Environmental Studies** – UGC Sponsored (11th July –
1st August, 2007)
Academic Staff College, Osmania University, Hyderabad
8. **Orientation Programme organized by Osmania University** (12-22 June , 2007)

Osmania University Centre for International Programmes (OUCIP), O.U.

9. **Pesticides Application Technology and Integrated Pest management** (2007)
National Plant Protection Training Institute (NPPTI), Rajendranagar, Hyderabad
(Arranged training in the above course with certificate for post graduate students,
Agricultural Entomology, Department of Zoology, Nizam College)
10. **Orientation Course in Sericulture** (May 1999)
CSRTI, Mysore
11. **Web Publishing and Java Programming** (April 1999)
University Computer Centre, Osmania University, Hyderabad
12. **Integrated Pest Management Training** (October to December 1998)
International Crop Research Institute for Semi- Arid Tropics, Patancheru, A.P
13. **Neem – An Eco-friendly Pest Management Tool** (March 1998)
National Plant Protection Training Institute, NPPTI, Rajendranagar, Hyderabad

Papers Published

International Journal:

Juvenomimetic Activity and Insecticidal Activity of extracts from *Allium Sativum* and *Butea Monosperma* on *Spodoptera litura* (Lepidoptera: Noctuidae), (1984)

Suryakala et.al: Zool. Jb. Physiol. 88 (1984), 113-117W Germany

National Journals:

1. Termites destroying structural wood on cost basis in Nalgonda rural system (2010)
S.Venkata Rama Raju and I.Suryakala
Pestology Vol. XXXIV No 7 July 2010 (71-72) (ISSN: 0970 -3012)
2. A study of Termites destroying structural wood in rural system (2010)
S.Venkata Rama Raju and I.Suryakala
Pestology Vol. XXXIV No 7 July 2010 (51-54) (ISSN: 0970 -3012)
3. Response of people in Hyderabad to mosquito problem and its management (2009)
I.Suryakala, B. Reddya Naik, B.Jyothi and G.Sunitha Devi
Insect Environment, Vol.15 (1), April-June 2009 (7-8) (ISSN: 0975 -1963)
4. Awareness of common man on Mosquito control measures
G.Sunitha Devi; B.Reddya Naik; I.Suryakala and B.Neeraja
Journal of Theoretical and Experimental Biology (ISSN: 0972-9720), 3(2 and 3): 93-95, 2007
5. Toxic, antifeedant, growth inhibitory and oviposition deterrent activity of monoterpenoids against castor semi-looper moth, *Achaea janata* L (Lepidoptera: Noctuidae)
K.N.Jyothi; A.L.Prasuna, A.R.Prasad and I.Suryakala
Pestology Vol. XXXI No. 8, 20-24, August 2007
6. Insect growth regulatory activity of some botanical pesticides – Their role in Pest Management (2007)
I.Suryakala; G.Maruthi Ram and K.N.Jyothi
Pestology Vol. XXXI No. 8, 40-43, August 2007

7. Protein Metabolism in the haemolymph and fat body of *Spodoptera litura* (1998)
Suryakala, Indian J. Ent., 60(1) -95-99 (1998)
8. Natural Products as Insect Growth Regulators (1997)
Suryakala and S.S.Thakur
Indian Journal of Plant Protection 25(2), 128-129 (1997)
9. Ovicidal Activity of Plant Extract on *Spodoptera litura* & *Dysdercus Koenigii* – (1995)
Suryakala; S.S.Thakur and Kishen Rao
Indian J.Ent. 57(3):192 -197 (1995)
10. Effect of 25 – Azacholesterol on the development of *Spodoptera litura* (Lepidoptera: Noctuidae) – (1992)
Suryakala & S.S.Thakur, Bull. ENV.SCI Vol VIII (1992)
11. Effect of certain plants extracts on *Spodoptera litura* (Lepidoptera: Noctuidae) – (1990)
Suryakala & S.S.Thakur, Bull. ENV.SCI Vol VII (1990)
12. Insect Growth Regulators from Some Plants of Andhra Pradesh – (1983)
Suryakala et.al: J Reprod Biol Comp Endocrinol 3 (2): 33-42
13. Effect of Starvation on the Ovaries of the Bug *Leptocoris Coimbatorensis* (Gross) (Coreidae: Hemiptera) – (1982)
Amarjit Kaur; S.S.Thakur; Kishen Rao and Suryakala
J.Anim. Morphol, Physiol., Vol.29, Nos. 1 & 2 pp. 118 to125, (1982)

Conference Proceedings as full papers

Integrated mosquito management and future directives (2007)

1. Response of People in Hyderabad to Mosquito Problem and its Management.
I.Suryakala; B.Reddya Naik; B.Jyothi and G.Sunitha Devi (P 68-70)
2. Adverse Effects of Mosquito Repellents and their Consequences on Public Health.
B.Jyothi; B.Reddya Naik and I.Suryakala (P 71-74)
3. A Survey based study on Mosquito Control Measure in Practices among Common People of Urban Area.
B.Neeraja; B.R.Naik; G.Sunitha Devi and I.Suryakala (P 79-82)

4. A study on common man's awareness about mosquito control measures in urban area
G.Sunitha Devi; B.Reddya Naik; I.Suryakala and B.Neeraja (P 83-86)

Conferences

1. International conference on 'Climate Change – Perspectives and projections - A systems approach' (December 2010)
Osmania University, Hyderabad
2. National Symposium on Deccan Biodiversity (December 2010)
Osmania University, Hyderabad
3. Symposium on 'Biosafety and Environmental Impact of Genetically Modified Organisms and Conventional Technologies for Pest Management' (November 2009)
ICRISAT, Patancheru
4. Implications of climate change on mosquito borne diseases and its impact on public health (August 2009)
Sir Ronald Ross Institute of Parasitology
Osmania University, Hyderabad
5. XIIIth All India Congress of Cytology and Genetics and International Symposium on Genomic and Proteomic Approaches to Decipher the Molecular Basis of Pathogenesis (December, 2007)
Department of Zoology, Osmania University, Hyderabad
6. Recent Trends in Applied Microbiology (October, 2007)
Department of Microbiology, Nizam College, Osmania University
7. National Conference on bio Diversity Conservation & Human Well Being (February, 2007)
Department of Zoology, Osmania University, Hyderabad
8. National Conference on Genomics: Impact of Human Health (Feb, 2007)
Department of Zoology, Osmania University, Hyderabad
9. National Workshop on Integrated Mosquito Management & Future Directives (January, 2007)
Department of Zoology, P.G. College of Science, Saifabad, Osmania University, Hyderabad

10. 22nd Conference of Indian Society for Comparative Animal Physiology
“Comparative Animal Physiology & Stress Physiology (November 2005)
Department of Zoology, Osmania University, Hyderabad
11. Workshop on “Integrated Pest Management” (March, 2005)
Department of Zoology, Osmania University, Hyderabad
12. Seminar On Ethology (January, 2004)
Department of Zoology, P.G. Science College, Secunderabad, Osmania
University
13. National Symposium On Bio Resources, Bio Technology & Bio Diversity
(November, 2003)
Department of Zoology, Osmania University, Hyderabad
14. National Seminar on Research Management Plant Protection during 21st
century, Plant Protection Association of India (November, 2002)
National Plant Protection Training Institute (NPPTI), Hyderabad
15. Orientation Programme on IPM, Indian Crop Protection Association of
India (March, 2002)
Department of Zoology, Osmania University, Hyderabad
16. International Seminar On IPM (October, 1999)
Indo German Nachkontakt Association and Indian Institute of Chemical
Technology, Hyderabad
17. Indian Science Congress, Osmania University (January, 1998)
18. XIII National Symposium on Reproductive Biology & Comparative
Endocrinology (January, 1995)
Department of Zoology, Osmania University, Hyderabad
19. International Conference ON Biodiversity, Environment and Sustainable
Development (October, 1994)
Sarojini Naidu Vanitha Maha Vidyalaya, Hyderabad
20. International Symposium Recent Trends in Life Science (November,
1993)
Department of Zoology, Osmania University, Hyderabad