

Curriculum Vitae

- 1. Name** : **Dr. K. VIJAYALAKSHMI**
- 2. Date of Birth** : 23.01.1959
- 3. Address Office** : Research Director
Centre for Indian Knowledge Systems
No.30 (47-C), Gandhi Mandapam Road
Kotturpuram, Chennai - 600 085.
Ph: (044) 24471087 / 24475862
Fax: 91-44-24471114
E-mail : ciks@vsnl.com
- Residence** : No. 6, 24th East Street
Thiruvanmiyur, Chennai - 600 041
- 4. Educational Qualification** : Ph.D from the University of Madras, INDIA
- 5. Title of Thesis** : Bio-Ecological Studies on the giant crab Spider
Heteropoda venatoria with special reference to their
predatory response and biocontrol potential
- 6. Positions Held**
- 1985-86 : Postgraduate teacher in Biology, Chinmaya
Vidyalaya, Madras.
- 1988-1991 : Research Associate, PPST Foundation, Madras.
- 1992-1993 (August) : Deputy Director, Sree Chakra Foundation, Madras.
- From 1993 September - : Deputy Director, Centre for Indian Knowledge
August 1998 Systems, Madras.
- August 1998 - : Research Director, Centre for Indian Knowledge
onwards Systems, Madras

7. List of Publications

I. TECHNICAL PAPERS

1. Murthy, V.A., K. Vijayalakshmi and S. Sivaraman (1982) Impact of food on the locomotory rhythm and the activity oscillation of the Beehive pseudoscorpion *Ellingsieus indicus* (Monosphyronidae: Chernatidae) Calicut University Research Journal, Special Conference number May 1982.

2. Vijayalakshmi, K. and S.Sivaraman (1984) Predatory efficiency in Heteropoda Cockroach System 1. Predatory behaviour and biocontrol potential (Paper presented at the 3rd Oriental Entomology Symposium, Trivandrum Feb.21-24).
3. Vijayalakshmi, K. and S.Sivaraman (1984) 2.Functional response in relation to varied prey species and size classes (Paper presented at the third Oriental Entomology Symposium, Trivandrum, Feb.21-24).
4. Vijayalakshmi, K. and S.Sivaraman (1984) Predatory potentiality of the sparrassid Spider *Heteropoda venatoria* - A Laboratory Bio-control estimate Paper presented at the International meeting of American Arachnological Society New Orleans, Louisiana, USA June19-23, 1984.
5. Vijayalakshmi, K. (1986) Predatory efficiency in giant crab spider -cockroach system - predatory behaviour and biocontrol potential, Proceedings of Oriental Entomology Symposium held at Trivandrum 132-140.
6. Vijayalakshmi, K. and S.Sivaraman (1987) Analysis on early embryonic developmental phases and nutritional status of *Heteropoda venatoria*. J.Current Biosci. Vol.5.No.4 pp. 107-112.
7. Vijayalakshmi, K. and S.Sivaraman (1988) Mutual Interference and foraging Model in *Heteropoda* - Cockroach System. Bicovas Vol.1, pp. 60-74.
8. Vijayalakshmi, K. and S.Sivaraman (1990) Strategies of brooding and parental care and influence of stress condition in the laboratory in *Heteropoda venatoria* (Araneae: Heteropodidae) J.Bombay. Nat.Hist.Soc. Vol.87(2) pp.227-234.
9. Vijayalakshmi, K. - Biocontrol of Spiders of Pest of Social Forest and Plantation Crops paper presented at the Seminar on Biological Control of Insects of Social and Plantation Forest stands conducted by Entomology Research Institute, Madras on 25-26th February 1994.
10. Vijayalakshmi, K. - Insights from Traditional Indian Plant Science : Potential and Prospects for Sustainable Agriculture paper presented at a four day meeting on - "Post Reductionist Paradigms in Biology at Penang between 6th to 10th July 1994.
11. Vijayalakshmi, K. - Conserving People's Agricultural Knowledge paper presented at The Indian National Trust for Art and Cultural Heritage (INTACH) on the theme of Conservation of Bio-diversity held on 7th and 8th 1994.
12. Vijayalakshmi, K. - Community Seed Banks - Towards Strengthening Biodiversity paper presented at the Second Congress on Traditional Sciences and Technologies held on December 1995 held at Anna University , Madras.

II. BOOKS

1. Vijayalakshmi, K. (1989) Biological Methods of Pest Control. Proceedings of the Southern Regional Seminar Nov.21-22, 1988 Published by PPST Foundation, Madras.
2. Vijayalakshmi, K. (1991) Poochikollikal - a Translation of - "Pesticides and You" Published by Pesticides Action Network and PREPARE.
3. Vijayalakshmi, K. and Preston Ahimaz - Spiders: An Introduction (Cre-A Publications, Madras) 1993.
4. Vijayalakshmi, K. and K.M. Shyam Sundar - Vrکشayurveda: An Introduction to Indian Plant Science (Lok Swasthya Parampara Samvardhan Samithi, Madras) 1993.
5. Vijayalakshmi, K. and K.M. Shyam Sundar - Plant Propagation Techniques in Vrکشayurveda (Lok Swasthya Parampara Samvardhan Samithi, Madras) 1993.
6. Vijayalakshmi, K. - Traditional Indian Agriculture: An Annotated Bibliography, Wiley Eastern Limited, 1993.
7. Vijayalakshmi, K. and K.M. Shyam Sundar - Pest Control and Disease Management in Vrکشayurveda (Lok Swasthya Parampara Samvardhan Samithi, Madras) 1994.
8. K. Vijayalakshmi and K.M. Shyam Sundar - Nomenclature and Taxonomy in Vrکشayurveda (Lok Swasthya Parampara Samvardhan Samithi, Madras)
- 9, 10. K. Vijayalakshmi and K.M. Shyam Sundar Mrgayurveda - Indian Animal Science - Part I & II (Lok Swasthya Parampara Samvardhan Samithi)
11. K. Vijayalakshmi, K.S. Radha and Vandana Shiva - Neem : A User's Manual (Centre for Indian Knowledge Systems and Research Foundation for Science Technology and Natural Resource Policy- 1995)
12. K. Vijayalakshmi and N.Raja "VEMBUM ATHAN PAYANUM" (Tamil) (Centre for Indian Knowledge Systems, Madras) 1996.
13. A series of Monographs on "PLANTS USED IN PEST CONTROL" published by the Centre for Indian Knowledge Systems, Madras.
 - a. K. Vijayalakshmi, B.Subhashini and Shivani Koul "GARLIC AND ONION" (1996).
 - b. B. Subhashini, N. Raja and K.Vijayalakshmi "POONDU, VENGAYAM" (in Tamil) (1996).
 - c. K. Vijayalakshmi, B. Subhashini and Shivani Koul "PERSIAN LILAC" (1996).

- d. B. Subhashini, N. Raja and K.Vijayalakshmi “MALAI VEMBU (in Tamil) (1997).
 - e. K. Vijayalakshmi, B. Subhashini and Shivani Koul “PONGAM, TULASI AND ALOE” (1997).
 - f. B. Subhashini, N. Raja and K.Vijayalakshmi “PUNGAM, THULASI, KATTRAZHAI” (in Tamil) (1997).
 - g. K. Vijayalakshmi, B. Subhashini and Shivani Koul “TURMERIC AND GINGER” (1997).
 - h. B. Subhashini and K.Vijayalakshmi “MANJAL, INGI” (in Tamil) (1997).
 - i. K. Vijayalakshmi, B. Subhashini and Shivani Koul “TOBACCO, PAPAYA AND THUMBAL” (1997).
 - j. B. Subhashini and K.Vijayalakshmi “PUGAIELAI, PAPPALI, THUMBAL” (in Tamil) (1997).
 - k. K. Vijayalakshmi, B. Subhashini and Shivani Koul “CUSTARD APPLE, VITEX, SWEET FLAG and POISON NUT” (1998).
 - l. K. Vijayalakshmi and B. Subhashini “SITAPAZHAM, NOCHI, VASAMBU, ETTI” (in Tamil) (1998)
14. K. Vijayalakshmi, B. Subhashini and Shivani Koul – “Peedegala Hathothi Kagi Sasyagali” (in Kannadam) (Centre for Indian Knowledge Systems, Chennai) 2000.
 15. K. Vijayalakshmi, B. Subhashini Sridhar and E. Damodharan – “Rice – Non-chemical Pest Control” (Centre for Indian Knowledge Systems, Chennai) 1998.
 16. K. Vijayalakshmi, B. Subhashini Sridhar and E. Damodharan – “Nerpayiril Poochi Kattupadu” (in Tamil) (Centre for Indian Knowledge Systems, Chennai) 1998.
 17. K. Vijayalakshmi, B. Subhashini Sridhar and E. Damodharan – “Dhan : Naisargik Keet Niyanthran” (in Hindi) (Centre for Indian Knowledge Systems, Chennai) 1998
 18. K. Vijayalakshmi, B. Subhashini Sridhar and E. Damodharan – “Bhatka – Raasaayanikara hithavaagi peede mathu roga gala niyantrana” (in Kannadam) (Centre for Indian Knowledge Systems, Chennai) 2000.
 19. K. Vijayalakshmi and Subhashini– “Iyarkaivazhi Velanmai : Oru Thagaval Thoguppu” (in Tamil) (Centre for Indian Knowledge Systems, Chennai) 1998.
 20. K. Vijayalakshmi and Subhashini Sridhar– “Organic Vegetable Gardening” (Centre for Indian Knowledge Systems, Chennai) 2000.
 21. K. Vijayalakshmi, Subhashini Sridhar and S. Arumugasamy – “Iyarkaivazhi Kaikari Thottam” (in Tamil) (Centre for Indian Knowledge Systems, Chennai) 2000.

22. K. Vijayalakshmi and Subhashini – “Keep Your Home Pesticide Free” (Centre for Indian Knowledge Systems, Chennai) 2000.
23. K. Vijayalakshmi, Chandrika Balaji and N. Raja – “Spiders for Cockroach Control : A User’s Manual” (Centre for Indian Knowledge Systems, Chennai) 1997.
24. K. Vijayalakshmi, Chandrika Balaji and N. Raja – “Karappanpoochi Kattuppatil Silandhigal” (in Tamil) (Centre for Indian Knowledge Systems, Chennai) 1997.
25. B. Subhashini and K. Vijayalakshmi – “Keet Niyanthran ke prakruthik upay : Svasthan jaiv vividhta samrakshan hetu prakruthik keet niyanthran” (in Hindi) (Centre for Indian Knowledge Systems, Chennai) 1999.
26. S. Arumugasamy, M. Jayashankar, K. Subramanian, Subhashini Sridhar and K. Vijayalakshmi – “Indigenous Rice Varieties” (Centre for Indian Knowledge Systems, Chennai) 2001.
27. S. Arumugasamy, M. Jayashankar, K. Subramanian, Subhashini Sridhar and K. Vijayalakshmi – “Parambariya Nel Ragangal” (in Tamil) (Centre for Indian Knowledge Systems, Chennai) 2001.
28. Subhashini Sridhar, S. Arumugasamy, K. Vijayalakshmi and A.V. Balasubramanian – “Vrkshayurveda : Ayurveda for Plants” (Centre for Indian Knowledge Systems) 2001.
29. S. Arumugasamy, Subhashini Sridhar, K. Vijayalakshmi and A.V. Balasubramanian – “Vrkshayurvedam : Thavarangalukkana Ayurvedam” (in Tamil) (Centre for Indian Knowledge Systems) 2001.
30. M. Jayashankar, K. Subramanian, S. Arumugasamy, H. Saraswathy and K. Vijayalakshmi – “Soil Conservation in Organic Farming : Handbook – 1 : Green manure, Green leaf manure, Biofertilisers” (Centre for Indian Knowledge Systems) 2002.
31. M. Jayashankar, K. Subramanian, S. Arumugasamy, H. Saraswathy and K. Vijayalakshmi – “Iyarkaivazhi Velanmaiyl Manvala Padukappu : Kaiyedu 1 : Pasunthalam, Pasunthazhai uram, Uyir uram” (in Tamil) (Centre for Indian Knowledge Systems) 2002.
32. Subhashini Sridhar, S. Arumugasamy, H. Saraswathy and K. Vijayalakshmi – “Organic Vegetable Gardening – Revised and Enlarged” (Centre for Indian Knowledge Systems) 2002.
33. S. Arumugasamy, Subhashini Sridhar, H. Saraswathy and K. Vijayalakshmi – “Iyarkaivazhi Kaikari Thottam – Thiruthapatta, virivakkapatta marupathippu” (in Tamil) (Centre for Indian Knowledge Systems) 2002.
34. K. Vijayalakshmi, S. Arumugasamy and Subhashini Sridhar – “Organic Methods of Pest and Disease Management” (in English, Tamil and Hindi) (Centre for Indian Knowledge Systems) 2003.

III. POPULAR ARTICLES

1. Has contributed several popular articles to the Science section of Dinamani Kathir (Tami version of Indian Express).
2. Published articles in Frontline, India Magazine. Contributor of articles to Centre for Environment Education, News Features, Ahmedabad Network.

IV. NEWSLETTER

1. Edited Tamil bimonthly Newsletter 'Theneekal' which deals with farmers innovations and practices.
2. Editor of A Newsletter 'Pesticide Post' which is brought out in English and Tamil. This deals with issues related to Pesticides and alternative Technologies to Pesticide use.
3. Member of the Editorial Board of 'Namvazhi Vellanmai' - a Newsletter which talks about farmers innovations and local techniques.

9. Consultancy and Coordination

1. Worked as a consultant for a project with Prof. Anil K. Gupta, Centre for Management in Agriculture IIM, Ahmedabad. This consultancy work involved compiling information on local technical knowledge of farmers.
2. Has produced a manuscript of a text book on Indian Plant Science for Academy of Development Science, Maharashtra (This project was supported by Ministry of Human Resources Development, New Delhi).
3. Coordinator of the Section on Traditional Agriculture for the Congress on Traditional Sciences and Technologies of India held at IIT Bombay, December 1993.

During this Congress, Coordinated

- (a) An Exhibition on - "Vrkshayurveda: Traditional Indian Plant Science".
- (b) A Conference on "Alternatives to Chemicals in Traditional Agriculture".
4. Coordinator of the section on Traditional Agriculture for Sciences and Technologies of India held at Anna University, Madras, December 1996.

10. Projects Executed/Under Execution

| S.No. | Title | Duration | Funding Agency |
|-------|---|-------------------------|-------------------|
| 1. | Seminar on Alternatives to Chemical Farming | Nov.- 93 - Dec. - 93 | CAPART, New Delhi |

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| 2. | Exhibition on Vrکشayurveda (Traditional Plant Science) | Sep. - 93 - Dec. - 93 | CAPART, New Delhi |
| 3. | Publication of Bibliography on Traditional Indian Agriculture | April.93 - Nov. 93 | M.M. Muthiah Research Foundation, Madras |
| 4. | Natural Products for Pest Control | Feb. - 92 Feb. - 94 | CAPART, New Delhi |
| 5. | Community Seed Banks in Tamil Nadu | Jan.-95 - Dec. - 96 | Third World Network, New Delhi |
| 6. | Mass Rearing of Spiders as Biological Pest Control Agents | Sep. - 95 - Aug. - 96 | DST, New Delhi |
| 7. | Mass Rearing of Spider Predators of Rice eco-system | Oct. - 95 - Sep. - 97 | National Bank for Agriculture and Rural Development, Bombay |
| 8. | Natural Products for Pest Control and Crop Protection, Phase - II | June - 96- May - 98 | CAPART, New Delhi |
| 9. | Tamil translation of the book - "Neem : A User's Manual" | July - 96- Sep. 96 | CAPART, New Delhi |
| 10. | Trainers Training Programme on Non-chemical methods of pest control and crop protection | Dec. 1997 - Dec. 1998 | CAPART, New Delhi |
| 11. | Farmers Community Seed Bank for Biodiversity Conservation in the Kattankalathur Block, Chengalpattu, MGR District, Tamil Nadu. | Dec. 1997 - Dec. 2000 | CAPART, New Delhi |
| 12. | Non-chemical Methods of Pest control in the Cotton crop | April 1999 - March 2000 | M.M. Muthiah Research Foundation, Chennai. |
| 13. | Testing and propagation of methods based on Vrکشayurveda (traditional indian plant science) for cultivation of the rice crop | Sep. 1998 - Aug. 2000 | DST, New Delhi. |
| 14. | Comparing and sustaining traditional agricultural systems, (Phase II) | Jan. - 1998 - Dec. - 2000 | Educational and Training Consultants (India) Ltd. |
| 15. | Organic Farming Resource Centre | Feb. - 1999 - Jan. - 2000 | Institute for Agriculture and Trade policy, USA |

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| 16. | Women and Sustainable Agriculture (A pilot study) | Oct. - 1998 - Dec. - 1998 | Pesticide Action Network Penang, Malaysia |
| 17. | Workshop on Food Security and Related Issues for Project Partners of Action Aid | 5th to 7th May - 1999 | Action Aid, Chennai |
| 18. | Documentation and Conservation of Indigenous Genetic Resources | Jan. 1999 - Dec. 1999 | Navdanya, New Delhi |
| 19. | Women's Seed Bank for the Conservation of Indigenous Vegetable varieties in the Kanchipuram District of Tamilnadu | Aug. 1999 - July 2000 | SRISTI (Society for Research and Initiatives for Sustainable Technologies and Institution), Ahmedabad. |
| 20. | Preparation of a manual on Non-chemical Control and Storage Pests | July 1999 - Dec. 1999 | TRIFED (Tribal Co-operative Marketing Development Federation of India Ltd.), |
| 21. | Study on Women and Sustainable Agriculture | Oct. 1999 - June 2000 | Pesticide Action Network, Penang |
| 22. | Capacity Building for Sustainable Agriculture | May 2000 - Oct. 2000 | World Wildlife Fund, USA |
| 23. | Development of Natural Products as Biopesticides at the village level | July 2000 - June 2003 | DST, New Delhi |
| 24. | Strengthening Traditional Agriculture practices under the project COMPAS (Comparing & Sustaining Traditional Agricultural Systems) | Jan. 2001 - June 2002 | Educational and Training Consultants, Netherlands |
| 25. | Rufford Small Grant to support the work of conservation of Indigenous seed varieties | Jan. 2001 - June 2002 | Whitley Award Foundation, England |
| 26. | To prepare three audio visuals on non-chemical methods of pest control and crop protection | July 2001 - June 2002 | Council for Advancement of People's Action and Rural Technology, New Delhi. |
| 27. | To set up community seed banks for conservation of indigenous genetic resources in specific localities in Tamil Nadu State | July 2001 - Dec. 2002 | United Nations Development Programme – Global Environment Facility (UNDP-GEF) |

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| 28. | To conduct trainers' training programmes and the preparation of Educational and Training materials on Organic Farming | Aug. 2001 - Jan. 2003 | Council for Advancement of People's Action in Rural Technology, New Delhi |
| 29. | Capacity building for sustainable agriculture | Oct. 2001 - April 2003 | GTZ (German Technical Cooperation), New Delhi. |
| 30. | Increasing livelihood security of small and marginal farmers through organic farming technologies | Dec. 2002 - Nov. 2004 | CAPART – Hyderabad |
| 31. | Demonstration of non-chemical pest management in cotton : Action research in different Agro climatic zones of Tamilnadu | May 2003 - April 2005 | Department of Science and Technology, Govt. of India. |
| 32. | Strengthening seed nutritional and health security through kitchen gardens in Kanchipuram district, Tamilnadu | Nov. 2003- Oct. 2004 | HIVOS, Bangalore |
| 33. | Preparation of educational material on organic cultivation of cotton | Jan. 2004 - April 2004 | OXFAM India Trust (India) |