

## CURRICULUM VITAE

1. Name **DR S. SWAMINATHAN**
2. Date of birth 16.08.1954
3. Designation & Place of work The Principal,  
RKM Vivekananda Day College (Autonomous),  
Chennai-600004.

### 4. Educational qualification:

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Degree	College/University	Year	Marks/Grade
B.Sc.	Govt. College (Men), Kumbakonam, University of Madras.	1974	First Class 61%
M.Sc.	Jammal Mohammed College, Tiruchirappalli, University of Madras,	1976	Second Class 55%
Ph.D.	Entomology Res. Inst., Loyola College, Chennai-34, University of Madras.	1980	by Thesis

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### 5. Teaching Experience:

#### I – DAY COLLEGE:

27 years 2 months in the Dept. of Zoology,  
RKM Vivekananda College (Aut), Chennai-4.

As Assistant Professor - Oct 1981 to Dec 1985.  
As Lecturer - Jan 1986 to Oct 1986.  
As Lecturer Senior Scale - Nov 1986 to Oct 1994.  
As Reader - Nov 1994 to May 2001.  
As Reader & H.O.D. - June 2001 to Oct 2008.  
As Principal & HOD - Nov 2008 till date.

#### II – EVENING COLLEGE:

7 years in the Department of Biochem. & Zoology,  
RKM Vivekananda Coll. Eve. (Aut), Chennai-4.  
As HOD in Dept. Zoology from 2006 to 2007.

## 6. Research Experience:

Area of Specialization : Entomology and Cecidology

Title of the Ph.D. Thesis : “Bioecological studies on some plant hoppers”  
(Fulgoroidea: Homoptera: Insecta)

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<b>Title</b>	<b>Institution</b>	<b>Funding Agency</b>	<b>Designation</b>	<b>Duration</b>
Biotaxonomy of Gall thrips and pathological anatomy of Thrips galls.	Entomology Res. Inst., Loyola College, Chennai-34.	UGC	Junior Res. Fellow Senior Res. Fellow	3 years 1 year & 4 months
Mycophagous Thysanoptera	Ent.Res.Inst. Loyola College, Chennai-34.	DST	Research Associate	10 months
Minor Res. Project on Biotaxonomy and Ecology of Plant hoppers.	Department of Zoology, Vivekananda College, Chennai-4.	UGC	Investigator	2 years

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## 7. Seminar and Symposia attended:

- a. Tamil Nadu Co-Operative Sugar Factories Federation Symposium on Biological Control of Sugarcane Pests in India – Madras, April 1978.
- b. Indian National Science Academy Symposium on Insect Vector Biology, Madras – November 1979.
- c. Indian Science Academy Symposium on Insect Plant Behavior, Entomology Res. Inst. Loyola College, Madras, December, 1984.
- d. National Workshop on Advances in Insect Behavior, Entomology Res. Inst., Loyola College, Madras, December, 1984.

- e. UGC Instructional Seminar on Insect-Plant Interactions, Entomol.Res.Inst. Loyola College, Madras, February, 1986.
- f. Entomol. Res.Inst. Loyola College, Madras, Silver Jubilee Symposium on Dynamics of Insect-Plant Interactions, October, 1988.
- g. Chemical Ecology of Phytophagous Insects, Ent.Res.Inst. Loyola College, Madras, September, 1993.
- h. From Chemical Ecology to Biotechnology: Futuristic Trends in Integrated pest Management, Ent.Res.Inst. Loyola College, Madras, October, 1994.
- i. Biotechnological inputs in Insect-Plant Interactions, Ent.Res.Inst. Loyola College, Madras, December, 1995.
- j. Impact of fragmentation on Biodiversity of rain forests and smaller mammals and herpatofauna of Western Ghats, Wild Life Inst., Dehra Dun, U.S. Fish and Wild life Services, and Dr Salim Ali Centre for Ornithology sponsored, at Chennai on 26-12-2001.
- k. Third Discussion Meeting on Applied Chemical Ecology and Insect-Plant interactions at COSTED, Chennai On 30-11-2002.
- l. Renewable Energy Sources by **Ministry of Non-Conventional Energy Sources** at Chennai on 8-2-2003.
- m. Seminar on Coastal Ecology, at C.P.R.Envirn.Edu.Centre, Chennai on 9-8-2003.
- n. IV Discussion meeting on Biodiversity, Biosignalling, Biotechnology in Insect-Plant interactions at COSTED, Chennai on 29-11-2003.
- o. V Discussion meeting on Dimensions of Molecular Entomology at COSTED, Chennai on 27-11-2004.
- p. VI Discussion meeting on Energy Technologies and Resistance Dynamics in Insect and crop plants at COSTED, Chennai on 02-12-2005
- q. VIII Discussion meeting on Semiochemicals in crop protection: Ongoing Technologies at COSTED (CLRI), Chennai on 02-12-2006.
- r. Discussion meeting on Invasive Insects in Agriculture and medicine, CAS in Botany, University of Madras, Chennai - 25. , forestry

## 8. Seminars organized in home department:

- ❖ Seminar on “**Recent trends in Culture Techniques**” on 18.02.2004.
- ❖ Silver jubilee seminar on “**The Wildlife Conservation & Management**” on 28.02.2005.
- ❖ Seminar on “**Frontiers of Biological Sciences**” on 28.02.2008.
- ❖ Two days UGC Regional seminar on “**Facets of Biotechnology**” on 10<sup>th</sup> & 11<sup>th</sup> October 2008.
- ❖ **Science Conference** organized in connection with Diamond Jubilee Celebrations of RKM Vivekananda College (A) on 7<sup>th</sup> and 8<sup>th</sup> September 2007.

## 9. Papers presented in symposium:

1. Symposium on “**Facets of Entomology**” at Entomology Research Institute, Loyola College, Chennai-34 on 01-08-1982 [Title of the paper - “Natural enemy complexes of Plant hoppers”].
2. UGC Seminar on “**Facets of Biotechnology**” at Department of Advanced Zoology & Biotechnology, RKM Vivekananda College (A), Chennai-4 on 11-10-2008 [Title of the paper - “Pheromonal Technology in Insect pest Control”].

10. Editorial ship in journal: : “Cecidological Newsletter”  
1981 – 1983  
Published by Ent.Res.Inst.  
Loyola College, Chennai – 34.

## 11. Membership in Non-Governmental Organization:

- Designation : The Adviser
- Name of the Club : “Viveka Nature Club”
- Affiliated to : **World Wide Fund for Nature-India, Chennai.**
- Camps organized : Nanmangalam Forests, Nilapattu Birds Sanctuary (AP), Guindy Deer Sanctuary, Sembium Bird Sanctuary, etc.
- Special Activities : Participated in the **National Camp at Indira Gandhi National Park at Top slip (Anamalais)** from 28.12.1994 to 01.01.1995. Visited the **Greenpeace ship “EXPERENSA”**, docked in Madras harbor, in Sept. 2006

Title of the projects Guided : 1. “Studies of Butterflies in Guindy National Park”

To VNC student 1993-94.

Members

2. “Checklist of Fauna at 5 Nanmangalam Reserve  
Forest Chengalpet District, Tamil Nadu” – 1995 – 96.

Felicitated and honored by **Dr M. S. Swaminathan** in a special meeting organized at his research foundation for the sustained service rendered to nature as advisor of Viveka Nature Club on 06.09.2005.

## **12. Experience in Nature and Environmental studies:**

- i. Advisor Viveka nature Club from the day of inception, August 1992, till date (vide column 11 for other details).
- ii. Participated in **Deer senses** at Madras Christian College, Tambaram by WWF (N), and Guindy Deer Sanctuary by Govt. of Tamil Nadu.
- iii. Trekking and studies conducted in Wildlife sanctuaries like, Dhondeli forests, Agumbe forests, Mukambika sanctuary, Kudaremuch sanctuary, Sringari sanctuary, Bandipur sanctuary, Rangan thittoo birds sanctuary [Karnataka]; Mudumalai sanctuary, Kalakad Mundanthurai Sanctuary, Sembium and Vedanthangal bird sanctuaries, Indira Gandhi National Park at Top slip, Anamalai [Tamil Nadu], Harsley hills, Rishi valley, Nilapattu Bird sanctuary [Andhra Pradesh], Dr Salim Ali Bird sanctuary [Goa], Periyar sanctuary, Eravikulam National park [Kerala].
- iv. Studies conducted at coastal areas like Malabar coast, Goa, Karwar & other coasts of North Canara, Rameshwaram, Kanyakumari, Thondi; Islands like Appa Islands near Kilakarai, Coconut islands near Malpay; Back waters like Cochin Vembanad lake and Pulikat lake near Sriharikota (AP & TN).
- v. Participated in Zoo School programs with at Aringar Anna Zoological Park, Chennai.

### 13. Refresher Courses/Workshops attended:

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<b>Title</b>	<b>Institution</b>	<b>Duration</b>
<u>Refresher Courses:</u>		
Statistics for Biologists	Madurai Kamaraj University	05.09.89 to 25.09.89
Applied Entomology	University of Madras	22.11.93 to 16.12.93
Life Sciences	Jawaharlal Nehru University, Delhi.	13.01.97 to 07.02.97
<u>Workshops:</u>		
Biological Research Methodology	Dr A.L.M.PGIBMS, University of Madras, Taramani.	27.01.99 to 29.01.99
Towards better question Papers	Tamil Nadu State Council for Higher Education, Chennai	on 13-7-2002.
<u>Seminar cum workshop:</u>		
Restructuring Higher Education	Academic Staff College, University of Madras	17.12.08 & 18.12.08

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14. **Other important positions held in the College:**

- I. **Chief Superintendent** University Examinations  
From 1997 Nov. to 1999 Nov.
- II. **Camp Officer** – Central Valuation, Autonomous  
Examinations, April 2005 and November 2005. [Currently in November  
2008 and April 2008]
- III. **College Examinations in-charge** during 1998-99 and 1999-2000.
- IV. **College Attendance in-charge** from 2003 till date.
- V. **College Council Secretary** 2000-2001 and 2006-2007 (Two terms).
- VI. **Photographic club in-charge** from 1999 to 2004
- VII. **Assistant Editor (Arts and Photography) in College Magazine**  
from 2001 to 2004.
- VIII. **Admission Committee Member** during 1987 and 1988.

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## 15. List of Publications:

1. Ananthakrishnan, T. N. & S. Swaminathan, (1977), Host-parasite and host-predator interactions in gall thrips (*Schedothrips orientalis* Anan. (Insecta: Thysanoptera), **Entomon** 2(2): 247-251.
2. Raman, A., T. N. Ananthakrishnan, & S. Swaminathan, (1978), On the Simple leaf galls of *Casearia tomentosa* Roxb. (Samydaceae) induced by *Gynaikothrips flaviantennatus* Moulton (Thysanoptera: Phlaeothripidae), **Proceedings of Indian Academy of Sciences (Bangalore)**, 878(8): 231-242.
3. Raman, A. & S. Swaminathan, (1978), On the histopathology of mite galls on the leaves of *Pavetta hispidula* (Rubiaceae), **Indian Journal of Acarina**, 3: 67-70.
4. Ananthakrishnan, T. N. & S. Swaminathan, (1979), On the population trends of *Anerothrips priesneri* Bhatti (Insecta: Thysanoptera) from leaf galls of *Cordia obliqua*. **Bull. Zoological Survey of India**, 2(1): 91-94.
5. Ananthakrishnan, T. N. & S. Swaminathan, (1980), A new genus and new species of thrips inhabiting *Eugenia* galls (Thysanoptera: Phlaeothripidae), **Bull.Zool.Surv.India**, 2 (2 & 3): 207-211.
6. Swaminathan, S. & A. Raman, (1981), On the morphology of the stem-galls *Eupatorium adenophorum* Spreng. (Compositae) and the natural enemies of the cecidozoan, *Procecidochares utilis* Stone (Diptera: Tephritidae), **Current Science**, 50(6): 294-295.
7. Swaminathan, S., T. N. Ananthakrishnan, & C. R. Babujee, (1981), Epidermal Morphology of five leaf galls caused by thrips (Insecta: Thysanoptera), **Proceedings of the Indian National Science Academy (New Delhi)**, B47 (5): 607-613.
8. Swaminathan, S. & T. N. Ananthakrishnan, (1981), Oviposition behavior in two two species of dryinid parasites (Hymenoptera: Dryinidae), **Proc.Indian Acad.Sci. (Bangalore)**, 90(1): 113-116.
9. Swaminathan, S. & T. N. Ananthakrishnan, (1982), New natural enemy complex of some fulgoroids (Insecta: Homoptera) with biological studies of three hymenopterous parasites (Insecta: Hymenoptera), **Proc.Indian Acad.Sci. (Bangalore)**, 91(2): 177-187.
10. Swaminathan, S. & T. N. Ananthakrishnan, (1984), Population trends of some monophagous and polyphagous fulgoroids in relation to biotic and abiotic factors (Insecta: Homoptera), **Proc.Indian Acad.Sci. (Bangalore)**, 93(1) 1-8.

Date: 22-12-2008

Dr S. Swaminathan.