BIO-DATA

i	Name	Dr. G. SUBRAMANYA
ii	Date of Birth	14-09-1955
iii	Designation	Professor
iv	Address for Communication	Department of Studies in Sericultural Science, University of Mysore, Mysore - 570 006, India.
V	Phone Nos.	Office: +91 821 2419712 Mobile: +91 9448600178
Vİ	E-mail Id	Subramanyag2000@yahoo.com

1. EDUCATIONAL QUALIFICATIONS

Degree	College / University	Subject	Year of Passing
B.Sc. Yuvaraja's College,		Chemistry, Botany,	1976
University of Mysore, Mysore		Zoology	
M.Sc.	University of Mysore, Mysore	Zoology	1978
Ph.D.	University of Mysore, Mysore	Zoology	1988

2. TITLE OF THE PH.D. THESIS: Ecogenetic approach for the determination of high yielding breeds of silkworm *Bombyx mori* (L.)

3. TEACHING AND RESEARCH EXPERIENCE

Year	Institution	Designation
1978-80	Sarada Vilas College, University of Mysore, Mysore.	Lecturer
1979-82	Dept.of Studies in Zoology, University of Mysore, Mysore	JRF & SRF
1982-83	Central Sericulture Research & Training Institute, Mysore	SRA
1983-1994	Dept. of Studies in Sericulture Science, University of	Lecturer &
	Mysore, Mysore	Sr. Lecturer
1994-2004	Dept.of Studies in Sericulture Science, University of	Reader
	Mysore, Mysore	
2004-till date	Dept.of Studies in Sericulture Science, University of	Professor
	Mysore, Mysore	

Total years of **teaching experience**: **Thirty two years**: 30 years (PG)+ 2 years(UG)

Total years of Research Experience: Thirty four years.

4. Major Research Field of Interest:

SI.No	Research Areas		
1	ilkworm Breeding and Genetics- Evolving of silkworm breeds & Molecular Genetics /		
	Genetic studies of Aging utilizing silkworm <i>Bombyx mori</i> as a model organism		
2	Quantitative Genetics- Application of biometrical genetics in breed improvement		
3	Radiation & Chemical Mutagenesis & Geno-toxicity of Pesticides		

5. Post Doctoral Research and Training (Abroad)

Year	Institute & Country	Training	
11-08-1993	National Institute of Genetics,	Training on "Genetics of Voltinism and	
to	Mishima, Japan.	mutagenesis in silkworm, Bombyx mori	
10-11-1993		under the guidance of Dr. Akio Murakami,	
		Head of the Department of phenogenetic	
		and silkworm breeding, NIG, Japan	
29-01-2007	Institute of Evolutionary Biology,	Training in Quantitative Genetics: QTL	
to	University of Edinburgh, Scotland,	Analysis	
16-02-2007	UK		

6. NATIONAL & INTERNATIONAL RECOGNITIONS / AWARDS

Year	Awards	Institute / Organization	
	NATIONAL		
2009	Felicitation is being conferred for	Zoological Society of India, Bodhgaya,	
	Outstanding Research and Academic	India	
	contribution in the field of Seri -		
	Biotechnology		
2012	Dr. Lefroy Medal Award	Zoological Society of India, Bodhgaya,	
		India	
	INTERNATIONAL		
2006 - 2007	COMMON WEALTH ACADEMIC	Genetics and Genomics Section,	
	FELLOW- British Council, United	Roslin Institute, University of	
	Kingdom	Edinburgh, UK.	
2008-09	Indian National Science Academy and	Genetics and Genomics Section,	
	Royal Society of Edinburgh Fellowship.	Roslin Institute, University of	
		Edinburgh, UK.	

7. RESEARCH GUIDANCE (Ph.D.)

SI. No.	Topic of the Thesis	Research Scholar	Year of Award
			Awaru
1	Studies on some aspects of industrial seed production in silkworm, <i>Bombyx mori</i> L	G.K. Srinivasa Babu	1994
2	Development of hardy bivoltine races of silkworm, Bombyx mori L.	C.K. Ramesh	1997
3	Geno-toxicity studies with two carbamate pesticides on silkworm, <i>Bombyx mori</i> L.	Hiriyanna	1998
4	Genotoxic effects of two pesticides, Captan and Methyl parathion on silkworm, <i>Bombyx mori</i>	S.A. Deepak	1998
5	Genetic approach for the synthesis of new bivoltine reeds of silkworm, <i>Bombyx mori</i> L	M.L Umashankar	2005
6	Effects of Dichlorvos (an Organophosphorous pesticide) on some economic characters of the silkworm, Bombyx mori L.	Y.V. Raghuveer	2007

7	Contributions towards the genetics of cross breeding strategies in the silkworm, <i>Bombyx mori</i> L	M.S. Doddaswamy	2008
8	Genetic approach for the improvement of survival ability in some bivoltine breeds utilizing polyvoltine races of silkworm, <i>Bombyx mori</i>	N. Murthy	2008
9	Genetic studies on the growth and aging in the pupal and adult stages of tropical races/breeds of the silkworm, <i>Bombyx mori</i> L.	R. Anantha	2010
10	Molecular approach for understanding the mechanism of heterosis and estimation of various genetic parameters through REML in the silkworm, Bombyx mori L	Ebrahim Talebi	2010
11	Genetic approach for the evaluation of quantitative traits in bivoltine & multivoltine races and mutants of the silkworm, <i>Bombyx mori</i> .L.	Shivakumar Bakkappa	2012
12	Genetic approach for the identification and evaluation of productive multi x bi hybrids of the mulberry silkworm <i>Bombyx mori</i> L	Smt. D. Jamuna	Thesis Submitted (2013)
13	Genetic and Molecular approaches to understand growth and ageing utilizing the lepidopteran Silkworm, <i>Bombyx mori</i> L.	Ritwika Sur Choudhuri	Reg. on 2012
14	Genotoxic effect of Endosulfan: An Organochlorine pesticide on the Silkworm, <i>Bombyx mori</i> L.	Yashaswini. S.	Reg. on 2012

8. Project Guidance:

M.Sc. Students of	1) Sericulture and Seribiotechnology, UOM	
	2) Biochemistry, UOM	
	3) Environmental Science -UOM	

9. CONFERENCE / SYMPOSIA / SEMINARS ATTENDED (National /International)

SI. No.	Name of the Conference / Symposia / Seminar	Organizers	Date/year/venue	Participated & presented the research paper
1	V All India Conference on Cell Biology	Bangalore University	29-31 Dec. 1981, Bangalore.	Yes
2	VII Annual Conference of Environmental Mutagen Society of India Conference	University of Madras	24-26 Feb. 1982, Madras	Yes
3	Uzifly Workshop	Central Silk Board	8 & 9 March, 1982, CSRTI, Mysore.	Participated
4	IX Environmental Mutagen Society of India Conference	Chandigarh University	6-8 February 1984 Chandigarh	Yes

5	XIV International Sericulture Conference	Central Silk Board	26-28 May 1984 Bangalore	Yes
6	XIV International Congress of Entomology, Hamburg	Hamburg Germany	20 th -26 th May 1984,Germany	
6	National Workshop on Sericulture	Central Silk Board	17-19 August, 1985 Bangalore	Yes
7	National Seminar on Prospects and Problems of Sericulture in India	Tamil nadu	27-30 March,1986 Vellore	yes
8	Workshop on Mulberry Germplasm	Central Silk Board	2-3 August 1988 CSR&TI Mysore	Only Participated
9	National symposium on recent trends in Genetic Research	Osmania University	28-30 April 1988 Hyderabad	Yes
10	XIV Annual Conference of Environmental mutagen society of India	Mithala University	19-21 Feb.1989, Bihar	Yes
11	National seminar on Genetics	University of Mysore	19-21 feb 1990 Mysore	Yes
12	National Seminar on Genetics	University of Mysore	26-28 Feb. 1991 Mysore	Yes
13	XVI Annual Conference on environmental mutagen society of India	University of Calcutta	16-18 Jan. 1991 Calcutta	Yes
14	National Symposium on Life Sciences	University of Mysore	26-28 Sept. 1991 Mysore	Yes
15	IV All India Conference on cytology and genetics and symposium on cytogenetics and breeding of mulberry and silkworm	KSSR&DI , Govt of Karnataka	5 -7 Nov [.] 1992 Bangalore	Yes
16	International Workshop on Gene regulation- Genetics Society of National Institute of Genetics	Mishima, Japan	7-8 September 1993	Yes
17	National Symposium on genes and human environment- XIX Annual conference of environmental mutagen society of India	Osmania University	8 to 10 Feb 1994, Hyderabad	Yes
18	National Workshop in silkworm breeding	University of Mysore	18 to 19 March 1994, Mysore.	Yes
19	Current technology Seminar on mulberry and silkworm breeding, genetics, molecular biology and Agronomy	Central Silk Board	20-22 Sept 1995, CSR&TI Mysore	Yes

19	EMSI XXI Annual Conference	Univ. of Madras	13-16 Feb. 1996, Madras	Yes
20	International Symposium on Sericultural Science facing 21 st century	Zhejiang Agricultural University	6 – 10, 1996, Hangzhou, China	
21	Current technology seminar on mulberry and silkworm breeding, genetics, molecular biology and Agronomy	Central Silk Board	18-19 Sept 1997 CSR&TI Mysore	Only Participated
22	Current technology Seminar on mulberry and silkworm breeding, genetics ,molecular biology and Agronomy	Central Silk Board	9-10 Feb,1998 CSR&TI Mysore	Only Participated
23	Seminar on sericulture technology an appraisal-	Central Silk Board	6-7 June 1998 CSR&TI Mysore	Only Participated
24	Seminar on sericulture technology an appraisal-	Central Silk Board	9-10 Feb,1998 CSR&TI Mysore	Only Participated
21	International Congress on Entomology.	Londrina University	20-26 Aug2000 Brazil,	
22	National Conference on Strategies for Sericulture Research and Development,		16-18 Nov, 2000 CSR&TI, Mysore Mysore	Yes
23	National Conference on Tropical Sericulture for global Competitiveness		5-7 Nov 2003, CSR&TI	Yes
24	Seminar on E-resources	University of Mysore	23, September 2004, , Department of Library and Information Sciences, UOM	Only Participated
25	National Workshop on "Role of Seri-genetic resources in cocoon crop improvement"		23-24 November 2004. CSGRC, Hosur.	Presented the Lead Paper
26	International Conference on Anti oxidants and Free radicals on 11 th January 2005 at St. Johns National Academy of Health Science, Bangalore.	Johns National Academy of Health	11 January 2005 , Bangalore	Presented the Lead Research Paper
27	FAO/IAEA International Conference on Area-Wide Control of Insect Pests	International Atomic energy agency- Vienna, Austria	9- 13 May 2005	Yes
28	National Conference on "New strategies in research and development of sericulture-Indian perspective"	Bangalore University	9 and 10 March 2006. Dept of Sericulture Jnanabharathi	Presented the Lead Research Paper

			Campus,	
29	Two days Workshop for	University of	29 - 30 July 2005	Only
	Drawing and disbursing	Mysore, Mysore.	at UGC Academic	Participated
	officers and directors		Staff College,	
30	International conference on	Sri Krishna	27 -29 March 2008,	Presented the
	Trends in Seribiotechnology	Devaraya University	Ananthpur	Lead paper
31	Interactive session on	Central silk Board	2-3 December 2010,	Presented the
	silkworm breeding		CSRTI, Mysore.	Lead paper
32	UGC Sponsored two days	20 & 21 March	Department of	Planery Talk
	National Symposium on	2010. Kuvempu	Biotechnology,	
	"Emerging Trends in	University	Sahyadri Science	
	Biotechnology"		College,	
			Shimoga	
33	Brainstorming session on silk	Department of	19 August 2011	Only
	Biotechnology	Biotechnology and	APSSRDI, Hindupur	Participated
		CDFD, Hyderabad.		
34	23 rd All India congress of	Zoological Society	3 – 5 , August 2012	Presented the
	Zoology and national	of India	Chennai.	Lead Paper
	conference on conservation		Orierinal.	
	and management of faunal			
	resources .			
35	Brain storming sessions on	Central Silk Board	10 th October 2012	Only
	Nanotechnology and its		CSR&TI, Mysore	Participated
	application			
36	Recent trends in information	CIST, University of	9 th and 10 th	Chairman of
	technology	Mysore	November 2012	the session in
		,	CIST, University of	bio-
			Mysore, Mysore	informatics
				(CIST)

10. MEMBERSHIP IN PROFESSIONAL BODIES

SI.	Professional Body	Position		
No.				
1	Environmental Mutagen Society of India, Mumbai	Life Member		
2	Indian Society of Cell Biology, Bangalore	Life Member		
3	Mysore University Allumini Association, Mysore	Life Member		
4	National Academy of Sericultural Sciences, India, Bangalore	Life Member		
5	Association of Advancement of Entomology, India	Life member		
6	Zoological Society of India, Bodhgaya	Life Member		
7	Black Caspian Seas and Central Asia Silk Association,	Life member		
	Bulgaria, Europe.(BACSA)			
8	Indian Academy of Science & Nature, India	Life member		
9	Karnataka State Sericulture Co-ordination Committee,	Served as Member (as		
	Bangalore	Chairman of the Dept)		

10	All India Mulberry Silkworm Race Authorization Committee of Central Silk Board, Bangalore	Served as Member (as chairman of the Dept-7 yrs)
11	Editorial Board of Bulletin of Zoological Journal	Member
12	Germplasm Registration Committee of the Central Silk Board, Government of India.	Member
13	Research Advisory Committee (RAC) of Central Sericultural Germplasm Research Centre, Central Silk Board, Government of India, Hosur, Tamil Nadu.	Member
14	Member of The Genetics Society of National Institute of Genetics	Ordinary member(past)
14	Member of The Genetics Society, Edinburgh	Ordinary member(past)
15	Member of Entomological Society of Korea	Ordinary member(past)
16	Served as Peer Reviewer of many national & International Elsevier, Springer, Wiley-Blackwell & Academic Journals.	onal Journals including

11. SERVED AS RESOURCE PERSONNEL AND DELIVERED LECTURES ON VARIOUS ASPECTS OF SERICULTURE TO COLLEGE TEACHERS/ SCIENTISTS IN SUMMER INSTITUTES/WORKSHOPS (Both National/International)

I. National:

- 1. Resource Person-Summer Institute in Zoology for College Teachers, May 25th to June 25th, 1983.
- 2. Resource Person-Workshop in Sericulture Science for College Teachers, Nov. 23rd to Dec. 11th, 1985.
- 3. Resource Person-All India Summer Institute in Sericulture Science for College Teachers May 15 to June 20, 1987.
- Resource Person-First Refresher course in Zoology, 19th Jan to 11th Feb. 1995.
 Organized by Academic Staff College in collaboration 1996. with Dept. of Zoology, Univ. of Mysore, Mysore.
- 5. Resource Person-Second Refresher Course in Zoology, Academic Staff College 27th June 2001 to 17th July 2001.
- 6. Invited lecture on "Textiles-Silk" for diploma students Organized by, J.S.S. Polytechnic For Women, SJCE Campus, Mysore on 30th September 2003.
- 7. Invited lecture "Role of Bivoltine Silkworm Breeds for improving cocoon quality" to incountry officers at CSR&TI, Srirampura, Mysore. On 28th August 2004.
- 8. Resource Person -*Trends and concepts of Silkworm breeding and Genetics* -to participants of Third refresher course in life sciences from 18th Jan to 7th Feb 2005. organized jointly by Academic Staff College Department of studies in Zoology, University of Mysore, Manasagangotri, Mysore.-

- 9. Resource person-"Sericulture and Human welfare" to Participants of the 65th Orientation programme-UOM 28th January to 24th February 2005 Organized by Academic Staff College, University of Mysore.
- 10. Invited Lecture-"Silkworm as a laboratory model in genetical studies" in the National seminar –"Bio-impacts" organized by department of Genetics and Biotechnology
- 11 S.M. Institutes of Science and Managements, Bangalore 21st March 2007.
- 12. Resource Person –Genetics of Silk moth at "Inter Disciplinary Refresher Course in life Sciences" –October 2007. Organized by Academic Staff College, KarnatakaUniversity, Dharwad.
- 13. Guest lecturer to the I and III semester M.Sc. Genetics Course, Department of Zoology, University of Mysore, Manasagangotri, Mysore, during the academic year 2005-2006, 2006-07,2007-08.
- Resource Person "Concepts and trends of Animal Breeding "Refresher Course in Environmental Sciences" - February 2009 Organized by Academic Staff College, Goa University, Goa.
- 15. 2009, Delivered a lecturer on "Genetics of bivoltine double hybrid at brain storming sessions on heterosis mechanism in double hybrid concept "held at SSTL Kodathi Feb, 2009(NSSO), Central Silk Board, Government of India, Bangalore
- 16. Resource Person and given a valedictory address at UGC Sponsored two days National Symposium on "Emerging trends in Biotechnology" on 21/3/2010 at Department of Biotechnology, Sahyadri Science College, Kuvempu University, Shimoga.
- 17. Resource Person- "Refresher Course in Life Sciences" 3-23rd September-2010 organized by Academic Staff College, University of Mysore, Mysore.
- 18. Resource Person "Refresher Course in contemporary challenges in Life Sciences" Organized by Bangalore University, Bangalore on March 18-2011 Lecture delivered on the topic "Genetics of Silkmoth".
- 19. Resource Person "Refresher Course in Life Sciences" 8th-28th December-2011 Delivered a lecture on "Genetics of Silkmoth *Bombyx mori*. Organized by Academic Staff College, University of Mysore, Mysore.
- 20. Resource Person and given an Inaugural speech at UGC Sponsored one day State level workshop on "Problems and solution of bivoltine silkworm rearing" on 21/12/2011 at Bharathi College, Bharathi Nagar, Maddur TQ, Mandya District.
- 21. Expert Judge for selecting the candidates in "Mysore zonal level science model exhibition cum competition" 2011-2012, Teresian college- Mysore.

- 22. Brief Research activities on silkworm breeding & Genetics: During recent Past.-Status Paper, Mulberry silkworm breeders meet, 28-29th May, 2012. Central Silk Board, Government of India .Bangalore.
- 23. Delivered a lecture on "Longevity studies of silkmoth and its relevance to silkworm breeding & Genetics" 13th Sept, 2012. CSR&TI, Mysore.
- 24. Delivered a planery talk entitled "Molecular Genetics of Lepidopteran silkmoth in *Bombyx mori* "National conference on conservation and management of faunal resources for sustainability" 2012. Organized by Zoological Society of India, Chennai.
- 25. Resource Person- "8th Refresher Course in Life Sciences" 12th Feb-14rd Mar 2013-delivered a talk on Silkworm genetics and sericulture biotechnology Organized by Academic Staff College, University of Mysore, Mysore.

II. International

- Effect of X-ray irradiation on the male moths of two voltine groups of the silkworm, Bombyx mori and inheritance of induced sterility. FAO/IAEA International Conference on Area-Wide Control of Insect Pests, 9-13th May 2005 International Atomic Energy agency- Vienna, Austria.
- 2. Biology and Molecular genetics of *Bombyx mori* 1st December 2006. Genetics and Genomics Divisional Seminar at Roslin Institute, **United Kingdom**.
- 3. Genetics of Silkworm 5th March 2007. Genetics and Genomics Divisional Seminar on Genetics of Fabrics, Roslin Institute, **United Kingdom**.

12. CHAIRMAN AND MEMBERSHIP OF ACADEMIC BODIES & COMMITTES OF THE UNIVERSITY

SI. No.	Year	Position	University / Institute
1	2001, 2003-05,	Chairman ,	University of Mysore,
	2007-2009,	Department of Studies in	Mysore.
	2011 -2013	Sericulture, Manasagangothri	
2	199294, 1998-99,	Chairman	University of Mysore,
	2000-01, 2002-04,	Board of examiners in	Mysore.
	2007-08	Sericulture (PG)	-
3	2003 - 2009	Chairman	University of Mysore,
		Board of Studies in Sericulture	Mysore.
		(PG)	
4	2012 onwards	Chairman	Dhavanagere University,
		Board of Studies in Sericulture	Dhavanagere.
		(UG)	
5	2010-2013.	Chairman of the visiting	University of Mysore,
		committee of the College	Mysore
		Development Council	

6	1994-98, 2010-13	Member - Board of Examiners in Sericulture (PG)	University of Mysore, Mysore.	
7	1994-98	Member - Board of Examiners in Sericultural Technology (PG)	University of Mysore, Mysore.	
8	1995-99, 2000-01 &	Member - Faculty of Science &	University of Mysore,	
	till date	Technology (PG)	Mysore.	
9	1996 – 2003	Member - Board of Studies in	University of Mysore,	
	& Sept 2009 tiil date	Sericulture (PG)	Mysore.	
10	2003 -2009	Member of the visiting	University of Mysore,	
		committee of the College	Mysore.	
		Development Council		
11	2003-2009	Member - Board of Studies in	Karnatak University,	
		Sericulture (PG)	Dharwad.	
12	2004, 2005 and	Member - Board of Examiners in	Bangalore University,	
_	2010	Sericulture (PG)	Bangalore	
13	2004 onwards-	Member of the Board of studies in	Yuvarajas college,	
		Sericulture (UG)	Mysore University,	
			Mysore.	
14	2005-2008	Member of the Board of studies	Tumkur University, Tumkur.	
		in Sericulture (UG)		
15	2005 and 2006	Member of the Board of	Karnatak University,	
		Examiners in Sericulture (Post-	Dharwad	
1/	2007	Graduate),	CDNANC Land Land Land	
16	2006	Member of the Board of	SPM Vishwavidyanilayam,	
17	2007 2010	Examiners in Sericulture (PG)	Tirupati.	
17	2007- 2010	Member of the Examination &	Babasaheb Bhimarao	
		Advisory Board of Department of Applied Animal sciences,	Ambedkar University, Lucknow.	
18	2008-2011	Applied Animal sciences, Member of the Board of studies in		
10	2000-2011	Genetics (PG)	University, Mysore	
19	2010 onwards	Member of the Board of studies in	Yuvarajas college, Mysore	
17	2010 Onwards	Biotechnology (UG)	University, Mysore.	
20	2010 -2013	Member of the Board of Studies in	University of Mysore, Mysore	
	2010 2010	in Botany(PG)	Chiversity of iviysore, iviysore	
21	2010 -2013	Member of the Board of studies in	University of Mysore.,	
	2010 2013	Zoology(PG)	Mysore	
22	2011 Onwards	Member of the Board of Studies in	University of Mysore,	
	2011 011114140	Applied Zoology (PG)	Mysore	
23	2011- onwards	Member of the Board of Studies in	Bangalore University,	
	2011 311111113	Applied Genetics (UG)	Bangalore Shiversity, Bangalore	
24	2011	Observer, K-SLET Examinations	University of Mysore, Mysore	
25	2011 onwards	Member of the Board of Studies in	Padamavathi Mahila	
	200111141.40	Sericulture and Seri-	University, Tirupathi	
		Biotechnology(PG)	25.5.cj, apatin	
26	2012	Member of the Board of	Yuvaraj's College, Mysore	
	2012	Examiners - Integrated Course in	2.12.12.12	
	1			

		Molecular Biology (PG)			
27	2012	Member of the Board of	Bangalore		
	2012	Examiners in Sericulture, (PG)	University, Bangalore		
28	2012	Member of the Board of	Bangalore		
	2012	Examiners in Molecular	University, Bangalore		
		Biology,(PG)			
29	2012	Member of the Board of	Bangalore University,		
	_0	Examiners in Applied Genetics	Bangalore		
		(PG)			
	r of the organizing com				
30	2009	Organising committee of Darwin's	25 –26 May 2009, Dept. of		
		200 th Birth Anniversary	Studies in Zoology,		
		Celebrations	University of Mysore		
			Mysore		
31	2009	Member -25 th South Zone Inter	23-27 Nov.2009,		
	2007	University Youth Festival	University of Mysore		
			Mysore		
32	2009	Organizing committee Member	17-19 Dec. 2009, Dept. of		
	2007	22 nd Annual Conference of Indian	Studies in Biochemistry,		
		Society for Atherosclerosis	University of Mysore,		
		Research	Mysore.		
33	2012	Member of the Designing calendar	University of Mysore		
	2012	of events for Ph.D & M.Phil	Mysore		
		Students			

13. R & D PROJECTS COMPLETED

SI. No.	Position	Project Title	Funding Agency	Amount (Rs.)	Year
1	Co-investigator	Evolution or hardy bivoltine races of silkworm, <i>Bombyx mori</i>	Central Silk Board, Bangalore	70 lakhs	1990-96
		suitable for tropical climates.	Board, Barigaiore		
2	Principal Investigator	Exploitation of heterosis in the silkworm, <i>Bombyx mori</i> .	University of Mysore, Mysore	15,000/-	1996-98
3	Principal Investigator	Genetic approach for the improvement of productivity traits in the new bivoltine breeds of silkworm, <i>Bombyx mori.</i>	University of Mysore, Mysore	10,000/-	2000-01
4	Principal Investigator	Studies of the genetics of cross breeding strategies in silkworm, <i>Bombyx mori.</i>	UGC, New Delhi	7.50 lakhs 10.15 lakhs	2003-06
5	Principal Investigator	Genetical and molecular approach for the evolution of sex limited breeds of the silkworm, Bombyx mori.	UGC, New Delhi	11.82 lakhs 12.00lakhs	2009-12

14. SCIENTIFIC PUBLICATIONS IN JOURNALS

- 1. **Subramanya**, **G.** and Sreerama Reddy, G. (1982) Isolation of a mutant line with shorter larval duration by induction of mutations in silkworm, *Bombyx mori* (L.). *Indian J. Exp. Biol.*, **20**(2): 139-141.
- 2. **Subramanya**, **G.** and Sreerama Reddy, G (1982) Genetic differences between the mutant with shorter larval duration and the standard in Pure Mysore race of silkworm, *Bombyx mori* (L). *Sericologia*, **22**(4): 196-202.
- 3. Krishnamurthy, N.B., Vasudev, V., Vijayan, V.A. and **Subramanya**, G. (1984-85) Age specific action of Benlate in inducing dominant lethals in silkworm, *Bombyx mori* (L.). *J. Mysore Univ. Sci. Section-B*, **30**: 58-61.
- Sreerama Reddy, G., Krishnamurthy, N.B. and Subramanya, G (1984-85) Synthesis of new multivoltine breeds of silkworm, *Bombyx mori* (L.) for Tropical Climates. *J. Mysore Univ. Sci. Section B*, 30: 62-68.
- 5. **Subramanya**, **G.** and Sreerama Reddy, G. (1987-88) Genetic analysis of quantitative characters in five regional strains of polyvoltine Pure Mysore race of silkworm, *Bombyx mori* (L). *J. Mysore Univ. Sci. Section-B*, **30**: 82-86.
- 6. Srinivasa Babu, G.K. and **Subramanya, G**. (1991) Effect of preservation conditions of moth on emergence and fecundity in *Bombyx mori* (L.). *Curr. Res.*, **20**: 42-44.
- 7. Srinivasa Babu, G.K. and **Subramanya, G.** (1992) Effect of Hot water on the Eggs of bivoltine races of Silkworm, *Bombyx mori* L. *J. Mysore Univ. Sci. Section B*, (Platinum Jubilee Special Issue), **32**: 325-330.
- 8. Srinivasa Babu, G.K. and **Subramanya, G.** (1992) Effect of Asiphor on the hatchability of silkworm eggs in *Bombyx mori. Annals of Entomology*, **10**(1): 49-51.
- 9. Srinivasa Babu, G.K. and **Subramanya, G.** (1992) Effect of lodophore on the economic characters of Polyvoltine silkworm, *Bombyx mori. Bull of Sericulture Research* (Bangladesh), **3**: 74-76.
- 10. **Subramanya, G.**, Vijayan, V.A. and Krishnamurthy, N.B. 1993 Differential sensitivity of three Bivoltine races of Silkworm, *Bombyx mori* L to Gamma radiation. *Indian J Sericulture*, **32**(1): 9-13.
- 11. Gopal Krishne Urs, R., **Subramanya**, **G** and Somashekar, R. 1993 Crystal size and minimum Enthalpy of various races of Silk fibres. *Textile Research Journal* (U.S.A.), **63**(10): 610-613.
- 12. Vasudev, V., **Subramanya, G** and Krishnamurthy, N.B. 1993 Dominant lethals induced by Dithane M-45 in Silkworm. *Bombyx mori. Environmental Research* (U.S.A.), **65**: 145-148.

- 13. Vijayan, V.A., **Subramanya, G** and Krishnamurthy, N.B. 1994 Differential Mating capacity of male moths in six races of silkworm, *Bombyx mori* L. *Bull Sericulture Research* (Bangladesh), **5**: 77-79.
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