

BIODATA

Name : DR. G.PUNITHAVATHY
Sex : Female
Date of Birth : 24.11.1967
Designation : Scientist- D
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Institute Name : CSB-Central Sericultural Germplasm Resource Centre
Central Silk Board, Hosur 635 109 (Tamil Nadu)

Educational Qualification:

Degree	University	Year	Subject	Class / Grade
B.Sc(Spl)	Madurai Kamaraj University, Madurai	1988	Zoology	I
M.Sc	Madurai Kamaraj University, Madurai	1990	Zoology	I
M.Phil	Madurai Kamaraj University, Madurai	1991	Zoology	I
B.Ed	Annamalai University, Chidambaram	2000	Zoology	I
Ph.D	Periyar University, Salem	2024	Sericulture	--

Professional Experience in Various Institutions:

No	Organization/ Institute	Capacity/ Designation	Period	Area	Significant achievement
1.	Silkworm & Mulberry Germplasm Station, Hosur	Senior Research Assistant	1992 - 95	Research	Collection, Characterization and conservation of Silkworm Germplasm
2.	RSRS, Salem	Senior Research Assistant	1995 – 2005	Research and Extension	Associated with Race Authorization of silkworm races and evaluation of new silkworm hybrids/ proven technologies of CSRTI, Mysore and AICE programmes/Bioassay studies TOT,OFT,TUP, Extension programmes
3.	REC, Udumalpet	Senior Research Officer	2005 – 2007	Research and Extension	Associated in upgrading the socio economic status of Thalingi (Marayur),Karamadai (Mettupalayam) and Annaimalai (Pollachi) through the DST(SC/ST) projects, Popularization of bivoltine sericulture through implementation of IVLP,TOT/OFT,CSS-TUP and Extension communication programmes/activities
		Scientist-C	2007 – 2014		

		Scientist-D- as In charge of REC, Udumalpet	Mar 2014 – July'18		Incharge officer of REC,Udumalpet and Monitored the bivoltine cocoon production and extension communication programmes in nine bivoltine cluster Established and Monitored farmers linked activities viz., Chawki Rearing Centre (CRC), Seri Poly Clinic, Farmers Field School (FFS), SRC, Farmers Self help group activities. Promoted Bivoltine sericulture in Udumalpet & Palani. Served as a CDF for Palani cluster cluster under CPP XI Plan. Served as a CDF for Udumalpet Palani & Keeranur cluster in CPP XII Plan. Co ordinated with DoS Tamil Nadu in mulberry expansion /quality bivoltine cocoon production and Analysed the impact / constraints of adoption level of CPP and productivity improvement in sericulture in Tamil Nadu.
4.	CSGRC, Hosur	Scientist-D	2018 – 2024	Research and Training	Associated with Conservation, Characterization, Evaluation, Disease Monitoring and Supply of Silkworm Genetic Resources. Digitization of silkworm genetic resources/ silkworm database. Identified region/season specific multivoltine combiners with CSR2. Training- Co Ordinator/Faculty in Bivoltine sericulture/ Ericulture and germplasm maintenance.
			July2024 –till date	Research and Training	In charge officer of Silkworm Division Associated with Conservation, Characterization, Evaluation, Disease Monitoring and Supply of Silkworm Genetic Resources. Digitization of silkworm genetic resources/ silkworm database Training /Faculty in Bivoltine sericulture/ Ericulture and germplasm maintenance.

Total No. of years of service:

★ 32 years 7 months in Central Silk Board, Ministry of Textile, Govt. of India.

Training: Overseas : 1 and India 7

1. Silkworm Disease Management at Sericultural Research Institute, Chinese academy of Agricultural Sciences, Zhen jiang, China.
2. Communication & Presentation Skills for women Scientists (DST) at Xavier Institute of Management, Bhubeneswar.
3. Gender Responsive Budgeting in India, V.V. Giri National Labour Institute, NOIDA.

Publication	:	10 Research Papers and 12 General articles
Research Projects Involved	:	16 Research Project & 3 Pilot studies
Seminar /Conference	:	International : 4
National	:	10

AWARDS:

1. Merit certificate for outstanding contribution in the field of sericulture extension in Tamil Nadu for the year 2008-2009 by the Director, CSR&TI, Mysore.
2. Best Research Extension Centre in Tamil Nadu during the year 2008-2009 under IVLP by the Director, CSR&TI, Mysore.
3. Merit certificate for meritorious efforts in Bivoltine Promotion Programme for the year 2008- 2009 & 2009-2010 by the Director of Sericulture, Tamil Nadu.
4. Best Research Extension Centre Award for Effective transfer of Technology to the farmers of Tamil Nadu for the year 2011-2012 by Director of Sericulture, Tamil Nadu.
5. Merit certificate for Best Coordination with State Sericulture Departments towards popularization of Bivoltine under CPP Palani cluster by Director of Sericulture, Tamil Nadu (2012).
6. Letter of appreciation for Significant Contribution in Promoting Bivoltine Sericulture in Palani Cluster during CPP XI Plan by the Director, CSR&TI, Mysore (2013).
7. Best Paper/ Presentation certificate (2 Nos) for the paper presented in *National Workshop "at Avinasingam University, Coimbatore (2005) and Annamalai University, Chidambaram(2012)* .

Significant Achievement:

- ★ Involved in Collection, Conservation Characterization and Utilization of Silkworm Genetic Resources (SWGRs) and associated with publication of Catalogue for SWGRs Volume :I Characterized 489 silkworm genetic resources and maintained true to type.
- ★ Evaluated and popularized the improved Silkworm breeds (more than 70 evolved silkworm breeds) proven technologies developed by CSR&TI Mysore at RSRS, Salem Farm & Conducted Front line/First line demonstration in the farmers field.
- ★ Promoted Bivoltine Sericulture in Non Traditional areas of Tamil Nadu (Tiruppur District) through **Cluster Promotion Programme XI & XII Plan** . Established eight mother clusters and one satellite cluster for bivoltine sericulture through REC, Udumalpet, and developed Udumalpet and Palani as the best/model bivoltine clusters.
- ★ Created awareness about bivoltine silk production and motivated the farmers through extension programmes.
- ★ For bivoltine clusters and REC, Udumalpet alone established eight mother clusters and one satellite cluster, meeting 60% of the total target of Tamil Nadu's bivoltine cocoon production.
- ★ Disseminated all the proven cost effective, eco friendly technologies of CSRTI, Mysore in the farmers field.

- ★ Implemented the **CRC** concept through Institute Village Linkage Programme/ CPP Established Commercial Chawki Rearing Centres, distributed scientifically reared, certified healthy Chawki worms to the farmers and minimized the crop loss due to silkworm diseases and increased the bivoltine cocoon production 15-27%.
 - ★ Established and Monitored farmers linked activities viz., Chawki Rearing Centre (CRC), Seri Poly Clinic, Farmers Field School (FFS), Bio control unit , SRC, Farmers Self help group activities and maintained Farmers – Researchers link
 - ★ Empowered the technology skill in women sector and upgraded the knowledge of **women sericulturists** through technology up gradation programme/ spot training and Exposure visits. Increased the technology adoption level 50% - 85% and improved quality of Bivoltine cocoon production.
 - ★ Resource person / faculty in Bivoltine sericulture and Ericulture in awareness programme of DOS units, CSBunits, Universities and training programme of TNSTI, DOS, Hosur and Training Co Ordinator of CSGRC, Hosur. Imparted need based training Programme/Capacity building programme/Technology Up gradation programme to farmers / Staff /NGO's / Scientists/ Students.
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