RESEARCH PROJECTS AT A GLANCE 2016-17

CSR&TI, CENTRAL SILK BOARD,
GALANDAR, PAMPORE-192121
JAMMU & KASHMIR

STATUS OF PROJECTS – CSR&TI, PAMPORE (SEPTEMBER, 2016)

PROJECTS TO BE CONCLUDED DURING 2016-17

S. NO	CODE	APPROVED BUDGET (Rs - Lakhs)	PERIOD	SCIENTISTS INVOLVED	TITLE
1	--	190.80 Lakhs	2014-2017	Gulzar Khan, Nazeer Ahmed Saheb (till 04-06-2016), Anil Dhar, M. Aslam, Kimothi & Dhingra R K	Institute Village Linkage Programme (IVLP)

ON GOING RESEARCH PROJECTS:

S. NO	CODE	APPROVED BUDGET (Rs - Lakhs)	PERIOD	SCIENTISTS INVOLVED	TITLE
1	**AIE -3056**	--	Continuous	Babulal, Shakeel A., Shivkumar	Maintenance of silkworm germplasm
2	**AIE -3202**	--	Continuous	Chauhan S., Babulal, Shakeel A.	Maintenance of silkworm Breeders' stock.
3	**AIB -3510**	21.46	2014-2018	Babulal, Shivkumar	Improvement of silkworm *Bombyx mori L* for sustainable bivoltine cocoon crop in North West India.
4	**PIB -3212**	--	Continuous	V.B.Srivastava	Maintenance and characterization of mulberry genepool
5	**AIB -2016**	--	Continuous	Pankaj Tewary P.M. Tripathi	Maintenance and evaluation of silkworm germplasm.
6	**PRP-3572**	6.30	March, 2016 to Feb, 2018	Mudasir Gani, Chauhan S.	Management of Root rot diseases of mulberry in Kashmir.

S. NO	CODE	APPROVED BUDGET (Rs - Lakhs)	PERIOD	SCIENTISTS INVOLVED	TITLE
7	**AIB-3570**	29.50	Jan, 2016 to Dec, 2019	Shiv Kumar, Bharath Kumar	Evolution of autumn specific bivoltine breeds suitable for Temperate region of the Kashmir valley
8	**AIB-3569**	11.98	Mar,2016 to Feb,2019	Shakeel Ahmad, Shiv Kumar, Bharath Kumar., M. Aslam, S. Murli	Evaluation and identification of superior BmNPV tolerant bivoltine hybrids of silkworm *Bombyx mori* L.
9	**ARP-3573**	4.515	March-2016 to Feb,2018	S. Chouhan, M. Gani	Severity, Extent of crop loss and management of Grasserie of *Bombyx mori* L through advocated bed disinfectants in Kashmir
10	**PIB- 3579**	24.00	June, 2016-June, 2018	Pawan Shukla Aftab Ahmad	Identification of cold tolerant genes for improvement of mulberry genotypes

COLLABOTRATIVE PROJECTS:

S. NO	CODE	APPROVED BUDGET (Rs - Lakhs)	PERIOD	SCIENTISTS INVOLVED	TITLE
11	**PIB-3571**	39.90	March-2016 to Feb,2019	Gulab Khan, Aftab A. Shabnam, Azra Nahaida Kamili	Evolution of superior mulberry varieties suitable for temperate region through somatic hybridization – **(In collaboration with University of Kashmir)**
12	**MOE-3574**	9.35	March-2016 to Feb, 2018	M. K. Tayal, Anil Dhar, S.K. Kher, O.P. Gadgala, Mir Nisar, R.K. Dhingra, A.K. Kant	Yield gap analysis of cocoon productivity under conditions of North West India. **(In collaboration with SKUAST-Jammu)**

S. NO	CODE	APPROVED BUDGET (Rs - Lakhs)	PERIOD	SCIENTISTS INVOLVED	TITLE
13	**PIB-3586**	35.0	Sept. 2016 to Aug. 2021	S. S. Chauhan, Pawan Saini, Aftab A. Shabnam, K. Jhansi Lakshmi and K. Vijayan	Development of superior mulberry varieties through controlled hybridization for North-West Indian states **(In collaboration With CSGRC, Hosur & CO, Bangaluru)**
14	**AIT-3558**	Total Project Budget for CSB **90.0 Lakh** (**7.18 Lakh** 1st installment for Pampore.	2015-2017	N. Bharath Kumar Babulal	To conduct multi locational field trials on transgenic BmNPV resistant silkworm strains to establish their efficacy and generate data for their regulatory approval. **(In collaboration With APSSRDI, Hindupur)**
15	**AIB-3578**	0.30 lakh	June 2016 – September 2019	Babulal and Shiv Kumar	Evaluation of exotic bivoltine silkworm breeds to identify promising parental genetic resources. **Project of Hosur** **(In collaboration With CSGRC, Hosur & other CSR&TIs)**

CENTRAL SILK BOARD APPROVED SCHEMES / PROGRAMMES / PILOT STUDIES:

S. NO	CODE	APPROVED BUDGET (RS)	PERIOD	SCIENTISTS INVOLVED	TITLE
16	--	190.80 Lakhs	2014-2017	Gulzar K., Nazeer A.S (till 04-06-2016), Anil Dhar, M. Aslam, Kimothi & Dhingra R K	Institute Village Linkage Programme (IVLP)

OTHER APPROVED PROJECTS / PROGRAMMES OF THE INSTITUTE:

S. NO	CODE	PERIOD	SCIENTISTS INVOLVED	TITLE
17	SS Pam -01	2012-Cont.	M. A. Ravindra and Aftab A. Shabnam	Nutrient analysis of soils & mulberry under temperate conditions.
18	AIE Pam-17	2014-Cont.	M. K. Tayal, S. Murli	Evaluation & Characterization of silkworm germplasm under sub-tropical conditions of Jammu & Kashmir.
19	SS Pam-19	2014-Cont.	R C Kimothi Srivasthava KR Mourya	Soil test based fertilizer recommendation in mulberry cultivation at CDC / CRC & REC level functioning in Uttarakhand & UP state.
20	PIB-Pam 1	1999-Cont.	Aftab A. Shabnam, S.S. Chauhan and Sh. Rajeev Lochan	Acquisition, Conservation, Characterization and Utilization of mulberry germplasm under temperate conditions

NEW PROJECT PROPOSALS FOR THE YEAR 2016-17:

#	Title of the project	Status
1	Isolation and biochemical characterisation of anti-BmNPV proteins from gut of silkworm, *Bombyx mori*: Development of formulation for its management. **Dr. Ravindra, Scientist-B**	Approved by 34th RAC and Central Office (CO), CSB Bangaluru. Submitted to DST for funding (07.04.2016) under process
2	Development of an antibody-based biosensor for rapid detection of nucleopolyhedrovirus infection in Bombyx mori L. **Dr Mudasir Gani, Scientist-B**	Approved by 35th RAC **Sent to referees (4 referees comments received)**
3	Genome-wide association studies (GWAS) in mulberry (Morus spp.) germplasm of temperate origin. **Sh. Pawan Saini, Scientist-B**	Approved by 35th RAC **Sent to referees**
4	Development of package of practices for autumn rearing through	Approved by 35th RAC

#	Title of the project	Status
	fortification of mulberry leaf **Dr. Ravindra, Scientist-B**	
5	Development of sustainable bivoltine silkworm double hybrids suitable to agro-climatic conditions of Jammu & Kashmir **Dr. Bharath Kumar, Scientist-B**	Approved by 35th RAC **Sent to referees**
6	Breeding of Bivoltine Silkworm Hybrids for Temperate Region of North West India. **Sh. Shakeel Ahmad, Scientist-C**	Approved by 35th RAC **Sent to referees**
7	Evaluation of mulberry varieties for suitability of chawki rearing in sub-tropical conditions **Dr. P.M. Tripathi, Scientist-D**	Approved by 35th RAC
8	Development of integrated nutrient Management for higher mulberry leaf production and improvement in soil health under sub-tropical conditions **Dr. A.C. Juyal, Scientist-C**	Approved by 35th RAC
9	Studies on the suitability of Elite Mulberry Genotypes At Different Altitude of Hills in Uttarakhand **Dr. V.B. Srivastava, Scientist –C**	Approved by 35th RAC
10	Soil sustainability of sericulture farmers of North Western India through soil health cards. **Sh. Jadhav Ashok Limbaji, Scientist-B**	Approved in principle by CO.
11	Identification of Suitable Silkworm Hybrids for Subtropical Region of North West India **Dr. Murali S., Scientist-B**	Sent to CO for comments