

LIST OF APPROVED RESEARCH PROJECTS FOR THE YEAR 2011-2012

Core Program - I : Insect Improvement						
Project No.	Title of the Project	Name of Investigators/	% time	Year of start	Year of completion	
1.1.001 (Old No.I.I.1)	Collection, conservation, characterization and documentation of lac insect bio-diversity	Dr K. K. Sharma Dr. A. Mohanasundaram	25 30	2007-08	March, 2012	
1.1.002 (Old No.I.I.2)	Field evaluation of promising lac insect races, lines and breeds for higher productivity and superior performance	Dr. Md. Monobrullah Dr. K.K. Sharma	25 25	July, 2007	October, 2011	
1.1.003 (Old No. I.I.3)	In vitro culturing of lac insect cells	Dr. Thamilarasi, K	25	September, 2009	August, 2012	
Core Program - II : Host Improvement						
1.1.004 (Old No.I.I.1)	Collection, conservation, characterization and documentation of lac host bio-diversity	Dr. V. D Lohot Dr. J Ghosh Dr. Thamilarasi, K Dr. Vibha Singhal	50 25 25 25	2007-08	March, 2012	
1.1.005 (Old No.I.II.2)	Host plant evaluation and improvement for lac productivity & summer sustainability	Dr. J. Ghosh Dr. S. Ghosal Dr. V.D Lohot	50 25 25	April, 2007	March ,2013	
Core Program - III : Crop Production						
1.1.006 (Old No.I.III.8)	<i>Rangeeni</i> lac insect survival on <i>ber</i> and <i>palas</i> in relation to season, physiology of host plant and soil moisture stress: a biochemical approach from host plant perspective	Mr. Anees K. Dr. Md. Monobrullah	30 -	January 2009	December 2011	
1.1.007 (Old No.I.III.9)	Evaluation of mulches for enhancing lac production on <i>palas</i> , <i>ber</i> and <i>Flemingia semialata</i> under rainfed condition	Er. R. K. Singh Dr. S. Ghosal	25 25	January 2010	June 2013	
1.1.008 (Old No.I.III.10)	Lac Integrated Farming System	Dr. Vibha Singhal Dr. A.K. Singh Er. R.K. Singh Sri S.C. Meena	50 25 25 25	January 2011	2015	
1.1.009 (Old No.I.III.11)	Development of spraying schedule of fungicides for management of sooty mold in winter <i>Kusmi</i> lac crop.	Dr. A. K. Singh Dr. A. Bhattacharya	50 -	April 2011	March 2014	

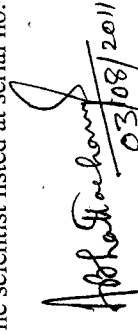
Core Program –IV : Synthesis and product development						
Project No.	Title of the Project	Name of Investigators	% time	Year of start	Year of completion	
1.2.010 (Old No.I.V.5)	Synthesis of hydrogel from gum acacia and gum karaya for their comparative evaluation in drug release	Shri S.K. S. Yadav Dr. S. Srivastava Dr. R. K. Dey (BIT)	50 25 -	April, 2008	March, 2011 Extended for six months till September 2011	
Core Program –V : Surface Coating and Use Diversification						
1.2.011 (Old No.I.V.5)	Use of natural gum/ lac for conserving natural characteristics and shelf life of select fruit and seed spices, through encapsulation	Dr. P.C. Sarkar Dr. Divya (25%) Dr. E. Jayashree	50 25 25	October 2010	September 2013	
1.2.012 (Old No.I.V.6)	Development of natural resin/ gum based sticker bindi	Dr. K.P. Sao Shri Anees K	50 25	April 2011	March 2013	
Core Program –VI : Processing and Storage						
1.2.013 (Old No.I.VI.6)	A comparative study of different drying methods on drying kinetics and quality of gum karaya	Er. M. Prasad Dr.M.Z. Siddiqui	50 25	January 2011	December 2012	
1.2.014 (Old No.I.VI.7)	Development of dehumidified air drying/methods/ systems for drying of value added lac products	Er. S.K. Pandey Dr. S.C. Sharma	50 25	January 2011	December 2012	
Core Program – VII: HRD (Human Resource Development)						
1.3.015 (Old No.I.VII.1)	Training, demonstration, extension education and information service on lac culture, processing and product development	Dr. A.K. Jaiswal Dr. N. Prasad Dr. J.P. Singh Dr. G. Pal Head, PPD Division	25 25 25 25	2006-2007	March, 2012	
Core Program -VIII: Technology Assessment, Refinement and Dissemination						
1.3.016 (Old No.I.VIII.1)	Evaluation of some newer insecticides & bio pesticides for eco-friendly management of insect pests associated with lac insect & host plants	Dr. J.P. Singh Dr. Md. Monobruallah	25 25	July, 2007	March 2012	


Core Program -IX: Liaison, information and Advisory Service

Project No.	Title of the Project	Name of Investigators	Year of start	Year of completion
1.3.017 (Old No.IX.3)	Demonstration of lac cultivation technologies under farmer's field condition.	Dr. A Bhattacharya Dr. A.K Singh Dr. S. Ghosal Dr. Md. Monobrullah Er. R.K Singh	April 2011	March 2014
NAIP Projects				
2.1.018 (Old No.Ex.I.1)	To understand the nature of diversity in lac insects of <i>Kerria spp.</i> in India and the nature of insect x host interaction (NAIP-Component -4)	Dr. K. K. Sharma Mr. Anees, K. Dr. Thamilarasi, K Dr. A. Mohanasundaram	January, 2009	March, 2012
2.2.019 (Old No.Ex.VI.1)	A value chain on lac and lac based products for domestic and export markets. (NAIP- Component -2)	Dr. N. Prasad Dr. S. Srivastava Dr. S. K. Pandey Dr. S. C. Sharma Dr. S. Ghosal Dr. G. Pal	January, 2009	May, 2012
2.2.020 (Old No. Ex.VII.3)	Developing sustainable farming system models for prioritized micro water shed in rainfed area in Jharkhand with BAU, Ranchi. (NAIP- Component- 3)	Dr. A.K. Jaiswal	2007-08	March, 2012
2.2.021 (Old No .Ex.VII.4)	Improving rural livelihood security through sustainable integrated farming system model and allied enterprises in Bastar region of Chhattisgarh with IGKV, Raipur. (NAIP- Component -3)	Dr. A.K. Jaiswal	June, 2008	May, 2012
Externally Funded Projects				
2.1.022 (Old No. Ex. III.1)	Development of lac production system using high density <i>ber</i> plantation under semi protected conditions (NABARD sponsored)	Sri S.C Meena	June, 2006	July, 2011
2.1.023 (Old No.Ex. III.2)	Production of summer <i>kusmi</i> broodlac on <i>kusum</i> for promotion of lac cultivation in Gujarat with farmer's participation. (Forest Department, Silva Division, Gujarat)	Er. R. K. Singh Dr. Md. Monobrullah	July, 2010	June, 2012
2.3.024 (Old No.Ex.VIII.2)	Study and documentation of cultivation & processing of lac in Chhattisgarh & market survey on lac based products (MFP Chhattisgarh Govt.)	Dr. G. Pal	January,2009	May, 2011

2.3.025 (Old TRIFED Sponsored)	National Action Plan (NAP) for sustainable income generation of tribals through cultivation and processing of lac.	Dr. J. P. Singh	25	January, 2010	December, 2012
Network and Exploratory Projects					
3.2.026 (Old No.Ex.IX.1)	Network project on harvesting, processing and value addition of natural resin and gums (ICAR)	Dr. N. Prasad Dr. M.Z. Siddiqui Mr. M.F. Ansari Mr. S.K.S. Yadav Dr. S. Srivastava Dr. S. C. Sharma Dr. Divya	30 25 25 25 25 30 30	February, 2009	January, 2014
Exploratory study	Impact of pitcher irrigation with fertigation (Urea) on shooting response and <i>kusmi</i> lac yield on <i>ber</i>	Er. R. K. Singh	25	January, 2009	March, 2012

Note: The scientist listed at serial no.-1 against each project would act as the Project Leader /Principal investigator, and others as Co P.I.


 03/08/2011
 (Ajoy Bhattacharya)
 I/C PMEC


 (R. Ramani)
 Director & Chairman IRC

Explanation for new coding of the Project Nos.

- (i) First number will indicate category of projects (1) Institute Project (2) Externally funded Project (3) Network Project
- (ii) The second number will indicate the Divisions (1) LPD (2) PPD (3) TOT
- (iii) The third number will indicate the project number

Example

- (1) 1.1.001 – 1- Indicates Institute Project; 1- Indicate Lac Production Division and 001- Indicates Project No.
- (2) 1.2.010 – 1 - Indicates Institute Project; 2- Indicate PPD Division and 010- Indicates Project No.
- (3) 2.3.024 - 2- Indicates Externally funded project; 3- Indicates TOT Division and 024- Indicates Project no.