

SILKWORM SEED TECHNOLOGY LABORATORY, KODATHI, BENGALURU**PROCEEDINGS OF THE 53rd MEETING OF RESEARCH COUNCIL HELD ON 04TH OCTOBER, 2021 AT SSTL, BANGALORE**

At the outset Dr. Veeranna Gowda, Scientist- D & Head, SSTL, Kodathi, welcomed the Director, NSSO, RC Members and Scientists for the 53rd Research Council Meeting of SSTL. The list of participants is given in agenda. The new project proposals prepared by the scientists kept for Director appraisal and recommendation and also he requested to review the concluded projects, on-going programmes of the institute.

Dr. V. Sivaprasad, Director, NSSO and Chairman of Research Council extended a warm welcome to the Scientists of SSTL for the meeting. In his opening remarks, he emphasized the importance of Silkworm Disease Monitoring Survey programmes at Seed Areas and instructed all the scientists to monitor regularly the program without interruption. He also advised to do the research more on Vanya Seed Sector and in Reproductive physiology. He later took up the meeting as per the agenda.

Item No. 1: Confirmation of the minutes of the 52nd RC meeting

Since no comments were received from any of the members, the minutes of the last meeting were confirmed.

Item No. 2: Review of Follow-up action taken on the decisions/ suggestions of the last Research Council meeting

Chairperson of the meeting suggested to the scientists to focus in to the application oriented research in Vanya seed sector. He recommended to take up the new project proposals in the line of Muga Diapause, Reproductive efficiency of Eri and in newly evolved breeds of Bombyx mori. Further advised to prepare OSTs on concluded projects in project mode.

Item No.3: Review of Concluded Projects

As presented in 65th RCC, two concluded projects APR 3635 and APR 3634 were approved.

Item No.4: Consideration of New Research Project Concepts for approval

Five new projects were presented by SSTL Scientists. The Committee made following comments and suggestions:

1. Title: Studies on diapause induction and gene expression in Muga silkworm (*Antheraea assamensis*) presented by Dr. Saravana Kumar. The chairman suggested to prepare project in collaboration with SBRL, Bangalore and CMER&TI, Lahdoigarh.

2. **OST:** Evaluation of technologies developed for seed production improvement

Component 1: Test verification of technologies developed for seed & seed cocoon preservation and regulation of erratic moth emergence in Tasar silkworm (*Antheraea mylitta*, D) (In collaboration with BTSSO, Bilaspur) presented by Dr. B.Sailaja.

Component 2: Test verification of synthetic blend (volatiles) developed for bivoltine silkworm seed production presented by Dr. Chandrasekhar R.Hegde. The chairman advised to validate the technology in CSR4, CSR6, CSR26 and FC1 races.

3. Title: Reproductive performance of Eri Silkworm, *Samia ricini* (Donovan) presented by Dr. N.Mala. The chairman instructed to prepare project in collaboration with ESSPC, Hosur/ P2 BSF, Tapatoli.
4. Title: Evaluation of reproductive fitness of newly developed races of Mulberry Silkworm, *Bombyx mori* L. presented by Dr. Veeranna Gowda. The committee suggested to collect newly developed races from CSRTI, Pampore and Berhampore for the study (In collaboration with R& D institutes).

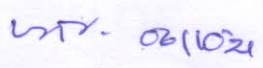
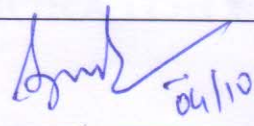
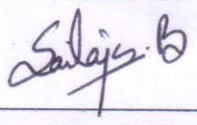
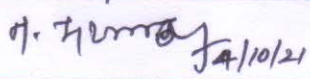
Chairman of RC advised to send the above three project concepts and two components OST in project mode for approval. Chairman reviewed the disease survey programmes and advised to continue the programme as per the schedule. Further he visited Mulberry garden and advised to maintain the garden for good yield of Mulberry crops.

The meeting was concluded with thanks to the Chair and the members.

14/10/21
(Dr. V. Sivaprasad)

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53rd RESEARCH COUNCIL MEETING HELD ON 4/10/2021

#	Name of the Members	Affiliation	Signature
1	Dr. V. Siva Prasad, Director	SSTL, NSSO, H.O, Bangalore	 02/10/21
2	Dr. Veeranna Gowda, Scientist D	SSTL, Kodathi, Bangalore	 04/10
3	Dr. Chandrashekar R. Hegde, Scientist D	SSTL, Kodathi, Bangalore	
4	Dr. B. Sailaja, Scientist C	SSTL, Kodathi, Bangalore	
5	Dr. R. Saravana Kumar, Scientist C	SSTL, Kodathi, Bangalore	 4/10/21
6	Dr. N. Mala, Scientist B	SSTL, Kodathi, Bangalore	 4/10/21