MINUTES OF THE 51st RESEARCH COUNCIL (RC) MEETING OF CSB-CSR&TI, PAMPORE HELD ON 09 OCTOBER, 2023

The 51st Research Council meeting of CSB-CSR&TI, Pampore, held on 09.10.2023 at CSR&TI Pampore through hybrid mode under the Chairmanship of Dr. N.K. Bhatia, Director, of the Institute. At the outset, Dr. Muttanna, Sci-C, welcomed the Chairman, RC and all the scientists of CSB-CSR&TI, Pampore & nested units. There after agenda wise discussions was taken up. List of participants attended the meeting is appended in Annexure-I.

AGENDA NO. 1: Confirmation of 50th RC meeting minutes held on 21.02.2023

As no comments received from any corner, the meeting minutes were confirmed.

AGENDA NO. 2: Follow up action on the decisions of 50th RC meeting minutes held on 21.02.2023

#	50th RC Suggestions	Decision taken	Follow up/Action taken
General suggestions			
1	All PI/CIs were advised to update the project registers with regard to budget utilization & timely purchase of chemicals, meetings attended, decisions of the meetings and tour programme and project registers may got signed by the In-charge of the station/institute **Action: All scientists of CSR&TI, Pampore & nested units**	All scientists should strictly follow the decision taken during the meeting.	Suggestions noted for compliance.
New concepts			
2	The concept note entitled "Evaluation of Drought Tolerant Mulberry genotypes through Preliminary Yield Trial (outcome of PIB-3629)" was discussed at length. (Action: Dr. Santosh Kumar Magdum, Scientist-C, CSB-RSRS, Jammu)	PI was advised to submit the modified concept note after incorporating following suggestions. • Shortlist most promising genotypes out of PRT trials based on drought tolerant traits • Sh Chattar Pal may be included as CI from CSB-RSRS Sahaspur • Biochemical analysis should be included in the study	The scientist submitted the full length project to central office after incorporating all the suggestions and received the code. "PIE03015SIC"
3	The concept note entitled "Introregression of wild gene for development of sustainable bivoltine silkworm hybrid for temperate sericulture" was discussed at length. (Action: Dr. P Kumaresan, Scientist-D, CSB-CSRTI, Pampore)	House opined that if PI is confident enough about the performance of SARUPAT univoltine silkworm hybrid, he may propose a pilot study.	The scientist submitted the concept note as pilot study.

Agenda No. 3: New Concept notes of research projects for approval:

1. Increasing cocoon production by developing low productive farmers of Kashmir, J&K" presented by Dr. Irfan Illahi, Scientist-D, CSB-CSR&TI, Pampore

Decision: Approved. PI was advised to submit the concept note within 15 days after revision of title and objectives as suggested.

(Action: Dr. Irfan Illahi, Scientist-D, CSR&TI, Pampore

Agenda No. 4: Review on concluded projects: Nil

Agenda No. 5: Review of progress of ongoing projects:

Progress of ongoing projects (including the projects where institute is CI) were reviewed and the following suggestions were made.

1. **AIB03006CI: Indo-Uzbekistan Collaborative Research Project on Improvement of Mulberry and Silkworm Breeding in Temperate Regions of India and Uzbekistan.**

   - House suggested to speed up the work on quarantine procedures for sharing the genetic material.

   (Action: Dr N.K. Bhatia PI of AIB03006CI)

2. **AIB03007SI: Development of autumn specific bivoltine silkworm (*Bombyx mori* L.) hybrids suitable fortemperate region of Jammu and Kashmir.**

   - Progress of the project found as per milestone.

   (Action: Shri Bharath Kumar Neelaboina, Scientist-C, CSB-CSRTI, Pampore)

3. **AIB03008SI: Development of nutrigenetic hybrids of bivoltine silkworm *Bombyx mori* L. under subtropical conditions of North West India.**

   - Progress of the project found satisfactory.

   (Action: Dr. Rita Singh, Scientist-B / Dr. Kiran R, Scientist-C)

4. **PIE03009SI: Evaluation of mulberry genotypes for improvement in productivity and quality under sub-tropical conditions of Jammu.**

   - Progress as per project milestones.

   (Action: Dr. Santoshkumar Magdum, Scientist-C, CSB-RSRS, Jammu)

5. **MOE03010SI: Evaluation of improved mulberry silkworm hybrids and technologies for North & NorthWest India.**

   Progress of following seven ToT components was reviewed.

   I. **Large scale farmer trial of summer crop and its impact on autumn crop in selected areas of North-West India (outcome of MOE-03001SI).**
      - Progress of the project found as per milestone.

   II. **Cocoon production improvement during Autumn rearing through fortification of mulberry leaf(outcome of PIN-3608).**
      - Progress of the project found as per milestone.

   III. **Popularization of CRC concepts & its strengthening at selected DoS, CRC locations in North India.**
      - Progress of the project found as per milestone.

IV. **On farm trial of BmNPV tolerant silkworm hybrids in North & North West India (outcome of AIB-3569).**

- House expressed serious concern on the crop failure at RSRS Jammu and advised in-charge, CSB-RSRS Jammu to fix the responsibility for failure of autumn crop at the station, where as autumn rearing performance was satisfactory under the given rearing condition of Kashmir & UP.
- RSRS Jammu will prepare the seed during next spring crop and conduct autumn trial at Jammu & Uttar Pradesh.

(Action: All Co-PIs and CIs of seven ToT components)

6. **MOT03011MI: Popularization of mulberry sericulture in Kargil (Ladakh U.T).**
   - Progress of the project found as per milestone

   (Action: Dr. Muttanna, Scientist-C, CSB-CSRTI, Pampore)

7. **PIE03012SI: Evaluation of mulberry somatic hybrids.**
   - House suggested for timely procurement of chemicals and ensure the progress as per milestones.

   (Action: Dr. Gulab Khan Rohela, Scientist-C, CSB-CSR&TI, Pampore)

8. **PIB03013SI: Development of high yielding quality mulberry (Morus spp.) genotypes under sub-tropical conditions of Northern India.**
   - Progress of the project found as per milestone

   (Action: Dr. Santoshkumar Magdum, Scientist-C, RSRS, Jammu)

9. **PIC03014SI: Evolving superior mulberry varieties for temperate region through in vitro mutagenesis.**
   - Progress of the project found as per milestone

   (Action: Dr. Gulab Khan Rohela, Scientist-C, -CSR&TI, Pampore)

10. **PIE13001MI: All India Coordinated Experimental Trials for Mulberry (AICEM) Phase-IV.**
    - All CIs were advised to monitor the current phase of AICEM trials as per the schedule of activities drawn under the project document. Progress of the project found as per milestone.

    (Action: All Co-PI/CIs of AICEM Phase IV)

11. **AIB01009MI: Evaluation of new bivoltine silkworm double hybrids TT21 x TT56 at farmer level for authorization for commercial exploitation.**
    - CIs from RSRS Jammu & Sahaspur should regularly visit the field during the trial.

    (Action: Dr. Santosh Kumar Magadum, CSB-RSRS, Jammu & Sh. Chattarpal, CSB-RSRS Sahaspur)

12. **MOE02015MI: Evaluation of Promising Mulberry Varieties, Bed Disinfectant and Low cost drip fertigation system for eastern and North-Eastern India [Component II: Evaluation of high yielding and low stress tolerant mulberry varieties C-01 & C-11].**
    - Monthly and quarterly progress of this project may be submitted regularly from RSRS Sahaspur & Jammu.

    (Action: Dr. Santosh Magdum, RSRS, Jammu & Sh. Chattar Pal, RSRS, Sahaspur)

13. **MTL01025MI: Life cycle assessment of Mulberry Silk-A National Assessment.**
    - Co-PI was advised to ensure the procurement of instruments well in time for full utilization of approved budget.

    (Action: Dr. Kiran R, Scientist-C, CSB-CSR&TI, Pampore)

14. **ARE01029MI: Recommendation of novel fungicidal and insecticidal applications for mulberry.**
   - Co-PI was advised to be in touch with PI and ensure the progress as per project milestones

(Action: Dr. Pawan Saini, Scientist-C, CSB-CSR&TI, Pampore)

15. **AIB02019MI: Development of bivoltine hybrids with higher productivity and high temperature & humiditytolerance through Marker assisted selection.**
   - House suggested to obtain final project copy from the PI Institute (CSR&TI, Berhampore)

(Action: Dr Kiran R Scientist-C, CSB-CSR&TI, Pamopre)

16. **MTS13002MI: Impact assessment of mulberry sericulture technologies in India.**
   - House suggested to list all the technologies developed by the institute & prepare a standard questionnaire in consultation with PI

(Action: Dr. Ashok Kumar Kasukurthi, Scientist-D, CSB-CSR&TI, Pampore)

Agenda No. 6: Trial of Technologies (OSTs/ OFTs):

- The seven ToT components were discussed under the project MOE03010SI

Agenda No. 7: Extension (ECP) And Other Programmes:

- Target for the year 2022-23 may be completed well in advance as per action plan

(Action: Dr. Ashok Kumar Kasukurthi, SEEM Division, CSB-CSRTI, Pampore)

Agenda No. 8: Training (CBT) and other programmes:

- Target for the year 2022-23 may be completed well in advance as per action plan

(Action: Dr. Muttanna, Training Division, CSB-CSRTI, Pampore)

AGENDA NO. 9: DISCUSSION ON GENERAL COMMENTS / SUGGESTIONS OF RC/RAC

- All PI/CIs were advised to update the project registers with regard to budget utilization & timely purchase of chemicals, meetings attended, decision of the meetings and tour programme and project registers may gotsigned by Incharge of the station/institute

(Action: All the scientists of CSB-CSRTI, Pampore)

The meeting was ended with a vote of thanks to the Chair.

Date: 09.10.2023

09/10/23

Dr N. K. Bhatia
Director & Chairman RC
CSB-CSR&TI, Pampore

Annexure-I

LIST OF PARTICIPANTS:

Physical Mode:

1. Dr. N.K.Bhatia, Director, CSB-CSR&TI, Pampore
2. Dr. Ashok Kumar Kasukurthi, Scientist-D, CSB-CSR&TI, Pampore
3. Dr. Irfan Illahi, Scientist-D, CSB-CSR&TI, Pampore
4. Sh. P. Kumaresan, Scientist-D, CSB-CSR&TI, Pampore
5. Dr. Pawan Saini, Scientist-C, CSB-CSR&TI, Pampore
6. Dr. Gulab Khan Rohela, Scientist- C, CSB-CSR&TI, Pampore
7. Sh. Bharath Kumar, Scientist-C, CSB-CSR&TI, Pampore
8. Dr. Muttanna, Scientist-C, CSB-CSR&TI, Pampore
9. Dr.Kiran R, Scientist-C, CSB-CSR&TI, Pampore
10. Sh. Ashok Kumar Saini, A.D. (Comp.), CSB-CSR&TI, Pampore
11. Smt. Nida Mushtaq, Field Assistant, CSB-CSR&TI, Pampore
12. Smt. Jameela Akther, Field Assistant, CSB-CSR&TI, Pampore