

**PROCEEDINGS OF THE 71ST RESEARCH COUNCIL MEETING OF CSGRC
HELD ON JULY 20, 2023**

The 71st Research Council meeting of CSGRC, CSB, Hosur was convened on 20th July, 2023 chaired by Dr.V. Nishitha Naik, Director, CSGRC. She initiated the meeting by welcoming all participants and advised all scientists to work on the progress of their projects as per the milestones. With this, item-wise discussion was taken up and the progress of research projects from March, 2023 to May, 2023 was reviewed. List of participants is appended at Annexure I.

ITEM NO. I: CONFIRMATION OF THE MINUTES OF THE 70TH RC MEETING HELD ON 9TH MARCH, 2023

The minutes of the 70th RC meeting was confirmed since no comments were received.

ITEM NO. II: REVIEW OF FOLLOW-UP ACTION ON THE DECISIONS OF 70TH RC MEETING

Action taken on the decisions of the 70th RC meeting held on 9th March, 2023 was reviewed and following decisions were arrived at:

1. Information on inclusion of new CI in ongoing projects viz., AIG-06007MI & PIE-06008SI to be informed to RCS section at the earliest.

[Action: Dr. G. Lokesh, Sc-D; Dr. G. Thanavendan, Sc-C]

2. Each scientist may contribute towards publication as first author immediately to meet the target set in Annual Action Plan 2023-24 and the list of communicated/accepted publications only to be mentioned with author names and journal name as follow-up.

[Action: All Scientists]

ITEM NO. III: REVIEW OF FOLLOW-UP ACTION ON THE DECISIONS OF 44TH RAC MEETING

1. Format for recording disease and pest incidence in mulberry to be explored and adopted.

[Action: All scientists, Mulberry Division]

2. The inclusion of scope of commercialization in CSGRC mandate to be discussed in details with Director (Tech) and clarity to be gained on what aspects commercialization is applicable for CSGRC and the policy set by CSB thereof.

[Action: Divisional Heads]

3. Since local check variety for mulberry fruit yielding accession is not available, discussion may be had with other CSB institutes or senior/retired scientists to identify a suitable variety as local check.

[Action: Dr. G. Thanavendan, Sc-C]

ITEM NO. IV: FORMULATION OF NEW RESEARCH CONCEPTS

1) Evaluation of Mulberry Genetic Resources for fodder quality

The Committee approved the proposal and advised the PI to lay more emphasis on mulberry in the origin of proposal. Discussion may be had with NIANP to include cow as experimental animal in the study. The objectives are to be modified based on the work distribution and clear roles of host and collaborative institutes. The accessions names/numbers are to be clearly mentioned in the methodology. The Committee suggested the PI to incorporate the above modifications and send the proposal in the prescribed format to CO for preliminary clearance.

[Action: Dr. M.C. Thriveni, Scientist-C]

2) Studies of cytological status of mulberry genetic resources (Phase-II)

The Committee approved the proposal and suggested to submit the proposal in prescribed format to CO for preliminary clearance.

[Action: Shri. Raju Mondal, Scientist-C]

ITEM NO. V: PROGRESS OF ONGOING/CONCLUDED RESEARCH PROJECTS (MARCH-MAY, 2023)

1) AIT-06006 MI: Marker-assisted screening to identify silkworm genetic resources tolerant to BmNPV and BmBDV (Collaboration with SSTL, Kodathi)

The PI presented the progress of the project. The Committee suggested the PI to obtain the corrected mortality data from collaborative institute and present the same in the next RAC meeting.

[Action: Dr. Ritwika Sur Chaudhuri, Sc-C]

2) AIG-06007 MI: Molecular characterization and assessment of genetic diversity in silkworm *Bombyx mori* L (Collaboration with SBRL, Kodathi)

The PI presented the progress of the project. The House took note of the same.

[Action: Dr. G. Lokesh, Sc-D]

3) PIE-06008 SI: Exploration, Collection, Characterization, Evaluation, Re-establishment, Conservation and Supply of mulberry genetic resources (X phase)

The PI presented the progress of the project. The House took note of the same.

[Action: Dr. G. Thanavendan, Sc-C]

4) AIE-06009 SI: Collection, Characterization, Evaluation, Conservation and Utilization of Silkworm Genetic Resources (X-phase)

The PI presented the progress of the project and the CI presented the sub-project on Digitization of silkworm database. The committee advised the CI to expedite and complete the purchase of high-resolution camera within the 2nd quarter. A scale is to be included while taking photographs of various stages of the silkworm accessions. Photography training may be imparted to the assistant involved in digitization work.

[Action: Dr. M. Maheswari, Sc-D & Dr. G. Punithavathy, Sc-D]

ITEM NO. VI: DISCUSSION ON GENERAL COMMENTS/RC SUGGESTIONS

1. Department of Sericulture, TNAU, Mettupalayam may be included in the fruit yielding project proposal and full research proposal in RMIS format to be submitted by next RAC.

[Action: Dr. G. Thanavendan, Sc-C]

ITEM NO. VII: ANTY OTHER POINTS WITH THE PERMISSION OF THE CHAIR

1. Two Disinfection tanks of appropriate size to be constructed in front of rearing houses to ensure proper dipping and washing of rearing appliances.

[Action: Head, Silkworm Division]

2. Minor repair works pertaining to rearing and grainage buildings may be taken up.

[Action: Head, Silkworm Division]

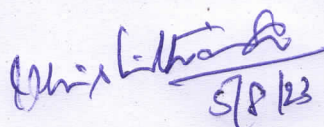
3. All scientists are advised to submit Annual report 2022-23 information to PMCE latest by 31st July, 2023.

[Action: Concerned scientists]

4. All letters from scientists to be routed through Divisional Head.

[Action: All Scientists]

The meeting ended with thanks to the Chair.


5/8/23

DIRECTOR

**LIST OF PARTICIPANTS FOR THE 71ST RESEARCH COUNCIL MEETING OF CSGRC
CONVENED ON 20/07/2023**

1. Dr. V. Nishitha Naik, Director & Chairman, Research Council, CSGRC, Hosur
2. Dr. M. Maheswari, Scientist -D & Head, Silkworm Division
3. Dr. N. Sakthivel, Scientist-D & Head, Mulberry Division
4. Smt. G. Punithavathy, Scientist-D & Head, Mulberry Division
5. Dr. G. Lokesh, Scientist-D
6. Dr. Ritwika Sur Chaudhuri, Scientist-C
7. Dr. G. Thanavendan, Scientist - C
8. Dr. M.C. Thriveni, Scientist-C
9. Shri. Raju Mondal, Scientist - C
10. Shri. S. Sekar, AD (Comp)
11. Shri. B. Narendrakumar Mohrilal, Lib. & Info Asst.