

**PROCEEDINGS OF THE 69<sup>TH</sup> RESEARCH COUNCIL MEETING OF CSGRC  
HELD ON DECEMBER 28<sup>TH</sup>, 2022**

The 69<sup>th</sup> Research Council meeting of CSGRC, CSB, Hosur was convened on 28<sup>th</sup> December, 2022, chaired by Dr.B.T.Sreenivasa, Director, CSGRC. He 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 September to November, 2022 was reviewed. List of participants is appended at Annexure 1.

**ITEM NO. I: CONFIRMATION OF THE MINUTES OF THE 68<sup>TH</sup> RC MEETING HELD ON 11<sup>TH</sup> AUGUST, 2022**

The minutes of the 68<sup>th</sup> RC meeting was confirmed since no comments were received.

**ITEM NO. II: REVIEW OF FOLLOW-UP ACTION ON THE DECISIONS OF THE 68<sup>TH</sup> RC MEETING**

Action taken on the decisions of the 68<sup>th</sup> RC meeting held on 11<sup>th</sup> August, 2022 was reviewed and following decisions were arrived at:

1. Each scientist may publish one research paper/review article/popular article as first author before the next RAC meeting so as to award grading in APAR appropriately.

[Action: All Scientists]

2. All scientists may supervise overall maintenance and upkeep of the campus.

[Action: Divisional Heads]

**ITEM NO. III: REVIEW OF FOLLOW-UP ACTION ON THE DECISIONS OF THE 43<sup>RD</sup> RAC MEETING**

1. Uniform name plates to be made in the field gene bank after re-establishment of the mulberry accessions.

[Action: Head, Mulberry Division]

2. Correspondence may be made to obtain information on the 85 mulberry accessions maintained at Dept of Sericulture, TNAU, Mettupalayam. The scientist may also visit DOS, TNAU, Mettupalayam for exchange of research knowledge.

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

3. Survey and exploration for mulberry genetic resources can be carried out in BHU, Varanasi, Uttar Pradesh.

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

4. Revenue generation may be updated on a quarterly basis and included in future RC/RAC presentations.

[Action: Shri. S. Sekar, AD (Comp)]



5. Action may be taken to register at least one trait-specific mulberry germplasm as per suggestion of the RAC.

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

6. Collaborative research work to be initiated with DOS, TNAU, Mettupalayam on fruit yielding accessions in consultation with Dr. S.M. Moorthy, Sc-D, RCS, CO.

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

7. Information on different unique traits of KS-10 to be collected from KSSR&DI, Bengaluru.

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

8. To generate QR code for all mulberry accessions in a phase-wise manner in consultation with DOS, TNAU, Mettupalayam and NBPGR.

[Dr. M.C. Thriveni, Sc-C]

9. CSGRC Museum needs to be updated on a regular basis.

[All scientists, CSGRC]

#### **ITEM NO. IV: PROGRESS OF ONGOING RESEARCH PROJECTS (SEP-NOV, 2022)**

##### **1) PIG-06004 SI: Studies on cytological status of mulberry genetic resources**

The PI presented the progress of the project. PI was suggested to propose for one month extension of the project period at the earliest. The PI may also justify the low budget utilization.

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

##### **2) PIG-06005 SI: Molecular characterization of mulberry genetic resources for the identification of duplicates and effective utilization**

The CI presented the progress of the project. The committee suggested that the work may be completed as per milestone within the project period as PI is on maternity leave.

[Action: Dr. M.C. Thriveni, Sc-C & Shri. Raju Mondal, Sc-C]

##### **3) PIT-08004: Study on epigenetic and autophagy modifiers on induction of haploid microspore embryogenesis in mulberry (Coll. Project of SBRL, Kodathi with CSGRC, Hosur)**

The CI presented the progress of the project. The house took note of the same.

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

##### **4) 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 advised the PI to include *BmRelish1* as a candidate gene for qPCR experiment.

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



- 5) 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 Committee suggested timely utilization of the budget.

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

**6) ITEM NO. V: OUTCOME OF THE CONCLUDED RESEARCH PROJECTS**

- 1) AIE-06003-SI Evaluation of silkworm genetic resources of *Bombyx mori* L. with reference to inbreeding depression and their conservation

The PI presented the outcome of the project and informed that the final report of the project is under preparation. The house took note of the same.

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

**ITEM NO. VIII: DISCUSSION ON GENERAL COMMENTS/ SUGGESTION OF RC**

1. The scientist may contact Prof. Krishnamurthy, Fodder Research, TNAU in consultation with Dr. Jhansilakshmi, Sc-D, REC, Krishnagiri, for collaboration with CSGRC for supplying high quality leaf for fodder purpose.

[Dr. G. Ravikumar, Sc-D & Head, Mulberry Division]

2. Toilet renovation work may be expedited so it can be completed within the committed deadline. The concerned engineer from CPWD may be contacted in case of any delay.

[Action: Shri. S. Sekar, AD (Comp)]

3. Procedural work for fabrication of gate for vehicle shed may be expedited.

[Action: Shri. B. Narendrakumar Mohrilal, Lib. & Info Asst]

4. Procurement of herbicide can be carried out through GeM or offline. In case of offline purchase, the concerned may opt for smaller quantities instead of bulk purchase.

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

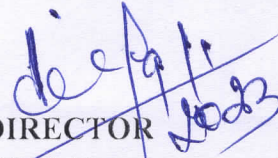
5. Proposal for sanitary pipeline of staff quarters to be expedited and enquiry may be sent to CPWD to obtain budget estimate. A separate estimate can be taken for renovation of grainage building at the earliest.

[Action: Shri. S. Sekar, AD (Comp)]

6. A correspondence may be made to CO requesting posting of one senior scientist for mulberry division.

[Action: Dr. G. Ravikumar, Sc-D & Head, Mulberry Division]

The meeting ended with thanks to the Chair.

  
DIRECTOR  
CSGRC, Hosur

**LIST OF PARTICIPANTS FOR THE 69<sup>TH</sup> RESEARCH COUNCIL MEETING OF CSGRC  
CONVENED ON 28/12/2022**

1. Dr. B.T.Sreenivasa, Director & Chairman, Research Council, CSGRC, Hosur
2. Dr. M. Maheswari, Scientist -D & Head, Silkworm Division
3. Dr. G. Ravikumar, Scientist-D & Head, Mulberry Division
4. Dr. G. Lokesh, Scientist-D
5. Dr. Ritwika Sur Chaudhuri, Scientist-C
6. Dr. G. Thanavendan, Scientist - C
7. Shri. Raju Mondal, Scientist - B
8. Smt. P. Elizabeth Rani, UDC
9. Shri. B. Narendrakumar Mohrilal, Lib. & Info Asst.