

**PROCEEDINGS OF THE 73<sup>RD</sup> RESEARCH COUNCIL MEETING OF CSGRC  
HELD ON 19<sup>TH</sup> DECEMBER 2023**

The 73<sup>rd</sup> Research Council meeting of CSGRC, Hosur was convened on 19<sup>th</sup> December, 2023 chaired by Dr. V. Nishitha Naik, Director. The meeting was initiated by welcoming all participants and advised all scientists to adhere to the deadlines for submitting the reports. Insisted to utilize the allotted budget and expedite the purchase procedures. With this, agenda-wise discussion was taken up and the progress of research projects from October to December, 2023 was reviewed. List of participants is appended at Annexure-1.

**AGENDA NO. I: CONFIRMATION OF THE MINUTES OF THE 72<sup>ND</sup> RC  
MEETING HELD ON 5<sup>TH</sup> SEPTEMBER, 2023.**

The minutes of the 72<sup>nd</sup> RC meeting was confirmed since no comments were received.

**AGENDA NO. II: REVIEW OF FOLLOW-UP ACTION ON THE SUGGESTIONS OF  
72<sup>ND</sup> RC MEETING**

Action taken on the suggestions of the 72<sup>nd</sup> RC meeting held on 5<sup>th</sup> September, 2023 was reviewed and following points were suggested:

1. The budget utilization in the ongoing projects is observed to be very poor. All the procurement process has to be expedited.  
[Action: All Scientists]
2. A committee may be constituted to send the proposal for renovating auditorium infrastructure and furniture.  
[Action: Dr. G. Lokesh, Sci-C]
3. A project on Panchagavya and its effect on mulberry/ silkworm growth and development may be proposed immediately.  
[Action: Scientists of Mulberry Division]
4. The list of unserviceable equipments for condemnation may be prepared by constituting a committee. It is suggested to auction the unserviceable equipments after obtaining the condemnation certificate from the SVO.  
[Action: All Scientists]

**AGENDA NO. III: REVIEW OF FOLLOW-UP ACTION ON THE SUGGESTIONS  
OF 45<sup>TH</sup> RAC MEETING HELD ON 12<sup>TH</sup> OCTOBER 2023.**

1. Each scientist has to publish at least two research articles every year. The details of publication may be submitted to PMCE.  
[Action: All Scientists]
2. Expedite the analysis of termite/stem borer incidence data and publish a research article at the earliest.  
[Action: Dr. G. Thanavendan, Sci-C]
3. The details of conference/ seminar participation can be submitted to PMCE for reference.  
[Action: All Scientists]

## **AGENDA NO. IV: STATUS OF NEW PROJECT CONCEPTS/ PROPOSALS**

### **1) Studies on the cytological status of mulberry genetic resources: Phase-II.**

The committee suggested the PI to include one JRF and submit the full project proposal RMIS-02 format to CO at the earliest for approval.

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

#### **Project proposal**

### **2) Characterization, evaluation and phytochemical investigations of promising mulberry fruit yielding accessions**

The committee suggested the PI to submit the revised project proposal to CO for approval.

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

#### **New concept notes**

### **1) Unravelling the role of root endophytes from selected mulberry germplasm against root rot pathogens.**

The committee approved the concept note and suggested the PI to collaborate with CSRTI, Mysuru to conduct the pathogen culture studies. At least 10 mulberry accessions may be included in addition to V1 and MR2 varieties for comparative study. Also, suggested to include Dr. M.C. Thriveni, Scientist-C as co-investigator. The committee suggested the PI to incorporate the suggestions and submit the concept note in RMIS-01 format to CO for preliminary clearance at the earliest.

[Dr. M. Nandan, Sci-B]

### **2) Screening of core-set mulberry accessions against the incidence of major pests**

The committee approved the concept note and suggested the PI include one more objective of integrated organic formulation such as Panchagavya and to study its effect on mulberry accessions. The term tolerance can be used instead of resistance. The missing accessions in the core-set germplasm have to be replanted. The number of investigators can be restricted to one PI and one CI. The committee suggested the PI to incorporate the suggestions and submit the concept note in RMIS-01 format to CO for preliminary clearance at the earliest.

[Dr. N. Sakthivel, Sci-D]

## **AGENDA NO. V: REVIEW OF PROGRESS OF ONGOING PROJECTS FOR THE PERIOD OCTOBER TO DECEMBER 2023.**

### **MULBERRY DIVISION**

#### **Single institute projects: 01**

### **1) PIE 06008SI: Exploration, collection, characterization, evaluation, re-establishment, conservation and supply of mulberry genetic resources (X-Phase).**

The PI presented the progress and the committee appreciated the progress achieved during period. It was suggested to explore the possibilities of using Drum Kit technology for irrigation to FGB and conservation of water. Also, it was suggested to PI to send the proposal seeking approval for JCB mentioning the quarter wise activities.

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

### **Collaborative projects as CI: 01**

#### **1) MTL 01025MI: Life cycle assessment of mulberry silk: a national assessment**

(Multi institutional project)

The CI presented the progress and noted the same.

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

### **SILKWORM DIVISION**

#### **Single institute projects: 01**

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

The PI presented the progress and suggested to present the progress as per the milestones and targets set for each quarters. The values of shell ratio and fecundity can be checked for accuracy.

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

#### **S-02: Digitization of Silkworm genetic resources (SGRs)**

The CI presented the progress and the committee advised to keep the uniform parameters while capturing the images. A scale should be mentioned for all the images. Also, it is advised to use the CSGRC egg sheets to take the photos of egg and to expedite the process of purchase of camera before January 2024.

[Action: Smt. G. Punithavathy, Sci-D]

### **Collaborative projects as PI: 02**

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

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

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

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

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

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

### **AGENDA NO. VI: DISCUSSION ON GENERAL COMMENTS/ SUGGESTIONS**

1. All the scientists are advised to involve in the additional works of the institute apart from research activities. Each scientist has to voluntarily assist in administrative and technical activities of the institute.

[Action: All Scientists]

2. The monthly meeting by the Director will be conducted on 2<sup>nd</sup> day of every month to review the progress of ongoing projects and all procurement process.

[Action: All Scientists]

3. In order to mark the celebration of 75 years of CSB, a video documentary of 3-5 minutes can be prepared highlighting the institute's activity and contribution.

[Action: All Scientists]

4. Vermi composting and recycling of waste has to be initiated the earliest.

[Action: Scientists, Mulberry Division]

5. All scientists are advised to submit the reports within the last date.

[Action: All Scientists]

6. ATRs should be crisp & also include the general suggestion related to specific project.

[Action: All Scientists]

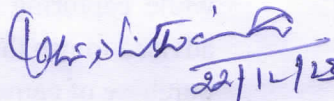
7. All the reports has to be thoroughly verified by the Divisional Heads.

[Action: Head, Mulberry & Silkworm Division]

8. RMTD manual has to be followed for formats related to projects and submission of reports.

[Action: All Scientists]

The meeting was concluded with thanks to the chair.

  
22/12/23  
DIRECTOR

**LIST OF PARTICIPANTS FOR THE 73<sup>rd</sup> RESEARCH COUNCIL MEETING OF  
CSGRC HELD ON 19<sup>TH</sup> DECEMBER 2023**

1. Dr. V. Nishitha Naik, Director & Chairperson, 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
5. Dr. G. Lokesh, Scientist-D
6. Dr. G. Thanavendan, Scientist - C
7. Dr. M.C. Thriveni, Scientist-C
8. Shri. Raju Mondal, Scientist - C
9. Dr. M. Nandan, Scientist-B
10. Shri. S. Sekar, AD (Comp.)