

MINUTES OF 74th RESEARCH COUNCIL MEETING OF CSB-CMER&TI, LAHDOIGARH (26/03/25)

The 74th Research Council (RC) Meeting was held on March, 26th, 2025, under the Chairmanship of Dr. Kartik Neog, Director of CSB-CMER&TI, Lahdoigarh. The list of the participants is enclosed as Annexure-I. The meeting proceeded with discussions as per the agenda items.

AGENDA No. 1: Confirmation of Last RC Meeting Minutes

The minutes of the 73rd Research Council meeting held on 24.01.2025 were circulated to all members, and as no comments were received, they were confirmed.

AGENDA No. 2: New Concept Notes

1. Dr Vijay N, Sc-C, SEEM Division presented a new concept note “**A Comprehensive Study of Socioeconomic, Market, and Production Dynamics in Assam**”

Suggestions from the committee:

- The concept note is approved by RC.
- Change the title to Study of Production Dynamics, Market, and Socio-economic perspective of Muga and Eri Silk Industry in North East India
- It is advised to cover entire of North east region rather than focus on Assam alone. Enhance the budget accordingly.
- Include Oak Tasar along with Muga and Eri Silk.
- Include collection of data from NGOs/ local reelers/ spinners/others from the grass-root levels and create a database.
- It is advised to prepare a concept note (RMIS-01) and submit the same on eSubMIS by 10th April, 2025.

2. Dr. Diganta Mech, Sc-D and Head, SEEM Division presented a new concept note “**Seri Model Village (Muga and Eri)**”

Suggestions from the committee:

- The concept note is approved by RC.
- It is advised to prepare a concept note (RMIS-01) and submit the same on eSubMIS by 10th April, 2025.

AGENDA No. 3: Review Of the Progress of On-Going Projects

The Progress of the following nine ongoing projects was reviewed and the respective investigators were advised to continue the projects as per the set target milestones and effectively utilize the allocated budget under each project:

1. **APS-05021-EF: Studies on population diversity and role of host plant volatile cues for enhancing egg laying in temperate tasar (Vanya) silk moths *Antheraea proylei***

Dr. S. Subharani, Sc-D, RSRS, Imphal, presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.
- Explore the possibility of procuring required chemicals from ICAR-IIHR for performing oak tasar grainage with treatment in time.
- Achieve all the objectives by the extension period sort from CSB.

2. **ARP05023CN: Muga and Eri silkworm disease monitoring in north eastern states of India**

Ms. Brunda B N, Sc-B, Silkworm Division, presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.

- Improve coordination with DoS staffs before brushing to procure data on the expected dates of rearing. Visit the places along with bleaching powder and lime and appliances for disinfection and demonstrate (within 7 to 14 days prior brushing).
- Conduct one awareness program in coordination with DoS on controlling and management of diseases 7 days prior to the date of expected brushing and the expense can be utilized under contingency of projects. Make a visit to areas expecting large scale commercial rearing before April 15, 2025.
- Prepare a Dos and Dont's for effective rearing and management of diseases.
- Submit article/s on disease monitoring related activities (pattern of incidence, etc) in Indian Silk or Indian Journal of Sericulture.
- It is advised to contact any IT professional and design an app / database as *SeriDM* for disease monitoring at the earliest.

3. AIT05024EF – Advanced-Level Institutional Biotech Hubs at CMERTI-Jorhat Assam (Phase-II)

Dr. Mahesh D.S, Sc-C, Silkworm Division, presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.
- Dr. Mahesh D S, Sc-C is advised to send a letter to DBT through the Director, CSB-CMER&TI, addressing the immediate need of funds for the completion of the assigned objectives.

4. PIB5025SIC: Characterization and evaluation of Soalu (*Litsea monopetala*) accessions for muga silkworm (*Antheraea assamensis*) rearing

Dr. O. P. Patidar, Sc-C, Host Plant Division, presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.
- Dr. Harisha R., Sc-B is nominated as new CI in the project as previous CI, Dr. D K Jigyasu, Sc-D has been transferred to CSB-EREC, Fatehpur.

5. SPR5026SIC: Development of suitable Muga and Eri based Integrated Farming System (IFS) for North East India

Dr. Diganta Mech, Sc-D, SEEM Division, presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.
- Calculate how much additional profit is generated in a year from Integrated Farming System of Muga and Eri along with other activities.
- It is encouraged to publish the data generated as popular articles and research articles for benefit of the farming and scientific community.

6. MOE5027SIC: Economic analysis of Tapioca based Eri-culture in Assam & Nagaland

Dr. Vijay N, Sc-C, SEEM Division, presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.
- Analyze the rearing capacity (no. of DFLs) per acre as per 20%, 30% and 40% leaf harvest and provide the data to the institute at the earliest.

7. SPR5028SIC: Popularization of Improved Technologies of Muga Culture for Enhancing Cocoon Production in Manipur

Dr. Subadas Singh, Sc-C, CSB-RSRS, Imphal, presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.
- Rearing should be done with 50 farmers in the upcoming commercial season in Manipur and adjoining

areas viz. Silchar, etc.

- Supply the requirements for implementation of selected technologies to the adopted farmers.
- Submit indent to CSB-MESSO for the requirement of Muga seeds for upcoming commercial season.

8. PIT5029SIC: Development of clonal propagation methods in Borpat (*Ailanthus grandis* L.) for its mass multiplication

Dr. O P Patidar, Sc-C, Host Plant Division presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.
- Sh. Sinto Antoo, Sc-B is nominated as new CI in the project as previous CI, Dr. D K Jigyasu, Sc-D has been transferred to EREC, Fatehpur.
- Explore the possibility to develop plantlets in economically viable way.
- Prune few trees in GCC, Chenijan to obtain 50 cuttings and experiment for shooting and rooting.

9. MOE5030SNC: Evaluation, optimization & Popularization of Eri-culture Practices in Castor Growing Areas of Gujarat

Dr. Mahesh D S, Sc-C, Silkworm Division presented the progress of the project.

Suggestions from the committee:

- Continue the project as per the set objectives and target milestones.
- It is advised to request SDAU to propose projects in line with ericulture in Gujarat. Prepare and submit the concept notes as per the format of CSB (RMIS-01) by June, 2025.
- Monitor entire chain of activities from soil to silk.

AGENDA No. 4: EXTENSION (ECPs) AND OTHER PROGRAMS

Dr. Vijay N, Sc-C, SEEM Division presented the overall progress of the Extension activities conducted thus far during 2024-2025. It was suggested to ensure the timely completion of the ECPs as per the target of the Annual Action plan and other need-based trainings.

AGENDA No. 5: TRAINING (CBT) AND OTHER PROGRAMS

Dr. Harisha R, Sc-B, Training Division presented the events conducted so far during 2024-2025. It was suggested to ensure the timely completion of the training programs as per the target of the Annual Action plan and other need-based trainings.

AGENDA No. 6: TRIAL OF TECHNOLOGIES (OSTS/ OFTS)

Dr. Vijay N, Sc-C, SEEM Division presented the overall progress of the TOTs activities conducted thus far during 2024-2025. It was suggested to record the best practices and outcomes of technology trials and their impact through videos for easy dissemination and popularization of the technologies.

AGENDA No. 7: ANY OTHER POINTS FOR DISCUSSION

- All scientists must strategically plan and diligently work toward achieving their respective project targets within the stipulated timelines and budget.
- All scientists must visit farmers' fields to understand their problems and work towards the upliftment through focused research projects.
- In future, the institute can utilise the Manipur conditions for shuttle breeding program.

The meeting ended with a vote of thanks by PMCE.



(Dr. Kartik Neog)
Director & Chairman-RC

List of Participants in the 74th Research Council Meeting of CSB-CMER&TI, Lahdoigarh Held on 26th March 2025

1. Dr. Kartik Neog; Director, CSB-CMER&TI, Lahdoigarh
2. Dr. D. Mech, Scientist-D, CSB-CMER&TI, Lahdoigarh
3. Shri S.A.S. Rahman, Scientist-D, CSB-RSRS-Boko
4. Dr. Aftab A. Shabnam, Scientist-D, CSB-CMER&TI, Lahdoigarh
5. Dr. Sinam Subharani Devi, Scientist-D and Head, CSB-RSRS, Imphal
6. Dr. D.K. Jigyasu, Scientist-D, CSB-REC, Fatehpur (U.P.)
7. Dr. Vijay N., Scientist-C, CSB-CMER&TI, Lahdoigarh
8. Dr. Mahesh D.S., Scientist-C, CSB-CMER&TI, Lahdoigarh
9. Dr. Om Prakash Patidar, Scientist-C, CSB-CMER&TI, Lahdoigarh
10. Sh. Roshan Lal Meena, Scientist-B (R&S), CSB-CMER&TI, Lahdoigarh
11. Dr. Kaiho Kaisa, Scientist-B, CSB-CMER&TI, Lahdoigarh
12. Dr. Harisha R, Scientist-B, CSB-CMER&TI, Lahdoigarh
13. Dr. Chandrakumara, Scientist-B, CSB-CMER&TI, Lahdoigarh
14. Sh. Sinto Antoo, Scientist-B, CSB-CMER&TI, Lahdoigarh
15. Ms. Brunda B N, Scientist-B, CSB-CMER&TI, Lahdoigarh
16. Sh. Pulak Rabha, Scientist-B, CSB-REC Lakhimpur

Technical staff/Research Fellows

17. Sh. Suraj K Shah, JRF, CSB-CMER&TI, Lahdoigarh
18. Ms. Raisa Begum, PA, CSB-CMER&TI, Lahdoigarh
19. Shri Porag Das, PA, CSB-CMER&TI, Lahdoigarh
20. Shri Mohmudur Rohman, PA, CSB-CMER&TI, Lahdoigarh
21. Ms Roshni Devi, PA, CSB-CMER&TI, Lahdoigarh
22. Ms Ponkita Bora, PA, CSB-CMER&TI, Lahdoigarh
23. Smt. Asmat Jan, AD (Comp), CSB-CMER&TI, Lahdoigarh
24. Smt. Jerrifa Hazarika, Superintendent (Admn), CSB-CMER&TI, Lahdoigarh
25. Smt. Nilima Dutta, STA, CSB-CMER&TI, Lahdoigarh
26. Shri S. Pertin, STA, CSB-REC Sille (A.P)