Minutes of the 58th Research Council (RC) Meeting of CSB-Central Sericultural Research & Training Institute (CSR&TI), Pampore held on 25th July, 2026 through Hybrid Mode.

The 58th Research Council (RC) Meeting of Central Sericultural Research & Training Institute (CSR&TI), Pampore was held on 25thJuly, 2026 through hybrid mode under the Chairmanship Dr. Sakthivel N, Director, CSR&TI, Pampore.

The meeting was attended by the Scientists of the Institute, Research Extension Centres, and Regional Sericultural Research Stations under the jurisdiction of the Institute. The list of participants is placed at ***Annexure-I.***

The Chairman welcomed all the members present in the meeting and emphasized the importance of periodic review of research programmes for strengthening sericulture development in temperate as well as sub-tropical regions. The Chairman highlighted the need for focused research on mulberry improvement, silkworm crop productivity, and technology dissemination to farmers.

Dr. Aftab Ahmad Shabnam, Scientist-D, Head PMCE, CSB-CSR&TI, Pampore, presented agendas of the 58th Research Council (RC) Meeting.

Agenda Item No.1: Confirmation of last RC meeting minutes

The minutes of the 57th Research Council Meeting were placed before the Council for confirmation. The Council considered the representation submitted by **Dr. Ram Lakhan Ram**, Scientist-D, CSB–RSRS, Gonda, regarding the inadvertent omission of two concept notes presented during the 57th Research Council Meeting.

Decision: The Council agreed to incorporate the following two concept notes in the minutes of the 58th Research Council Meeting, along with the observations and recommendations of the Council, as detailed below:

1. **Transforming Sericulture in Uttar Pradesh: A Strategic Roadmap for Cluster-Based Raw Silk Production through Technological Intervention.**

Observations and Recommendations: The Council observed that the proposal primarily pertains to sericulture development and extension activities in Uttar Pradesh. It was suggested that a similar proposal may be formulated and submitted by the Department of Sericulture (DoS), Uttar Pradesh, for consideration under Silk Samagra-2. Further, infrastructure development and asset creation, including the construction of buildings and other permanent structures required for strengthening CSB–RSRS, Gonda, should be proposed under the capital expenditure head of the Annual Action Plan for 2027–28, as appropriate. Accordingly, the project was not approved in its present form.

2. **Design and Evaluation of Different Models of Mulberry Garden at RSRS, Gonda Farm for Strengthening Sericulture in North India.**

Observations and Recommendations: The Council observed that the proposal primarily concerns routine farm development, maintenance and management activities. It was noted that provision for farm development activities at CSB–RSRS, Gonda, has already been made in the approved Annual Action Plan for 2026–27. In view of the existing provision and the routine nature of the proposed activities, the project was not approved in its present form.

The Council further directed all concerned to ensure that agenda items, along with the requisite supporting documents, are submitted within the prescribed timelines for future Research Council meetings. This shall facilitate timely scrutiny, appropriate inclusion in the meeting agenda and accurate documentation of the deliberations and decisions in the minutes.

Action: Dr. Ram Lakhan Ram, Scientist-D, RSRS, Gonda UP and all scientists

Agenda Item No.2: Review of action taken on the recommendation /decisions of the last RC meeting.

The Action Taken Report (ATR) on the recommendations of the 57th RC meeting was presented by Dr. Aftab Ahmad Shabnam, Scientist-D, Head PMCE, CSB-CSR&TI, Pampore before the Council. After detailed discussion, the Council noted the progress made and advised the concerned Scientists to expedite the pending activities.

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

Following New research proposals submitted by Scientists were presented before the Council. After detailed deliberations, the Council recommended / suggested modifications / approved the proposals for further submission to the competent authority.

3.1 Heavy Metal Contamination in Mulberry Ecosystems: Impacts and Management Strategies for Quality Cocoon Production

Suggestions:

- ✓ The RC suggested including Dr. Ram Lakhan Ram, Scientist-D, a senior Soil Scientist, as Co-Investigator (CI) in the proposed project.
- ✓ The RC advised focusing on specific heavy metal(s) rather than considering multiple heavy metals.
- ✓ The research gap and objectives should be refined with specific emphasis on the impact of heavy metal contamination on the mulberry ecosystem, and the heavy metals of concern should be clearly identified based on their reported occurrence in the study region.
- ✓ Relevant literature and previous studies, particularly those from CSB Institutes at Mysuru and Berhampore, should be reviewed while refining the experimental

methodology. A review article on heavy metals in relation to mulberry/sericulture may also be prepared.

- ✓ The methodology should be systematically structured, with clearly defined expected outcomes. Appropriate remedial measures, including intercropping, may be evaluated during the 3rd year of the project based on the findings of the 02 years study.

The concepts note **is approved** with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Dr. Jitendra Singh, Scientist-D, CSB-RSRS, Gonda, UP

3.2 Agro-Climatic Zone-Wise Characterization for Identification of Potential Areas for Expansion of Mulberry Sericulture in Uttar Pradesh

Suggestions:

- ✓ The RC suggested including Dr. Jitendra Singh, Scientist-D, as Co-Investigator (CI) in the proposed project.
- ✓ The project may be planned in two phases, with Phase I covering the initial three years, followed by Phase II based on the outcomes and requirements of the first phase.
- ✓ The budget provision for farm workers/labour may be revised, and need-based manpower may be hired through outsourcing under the appropriate contingency provisions. Support from the State Sericulture Department may also be explored for manpower and other field-level requirements to optimize the project cost.
- ✓ The study should include an adequate number of suitable mulberry varieties/genotypes, including CSB-developed and stress/soil-specific varieties such as AR-12, AR-14, V1, PPR and other popular varieties, to strengthen their evaluation across different agro-climatic zones.
- ✓ An adequate number of saplings of the identified varieties/genotypes should be raised and maintained well in advance to ensure availability of sufficient planting material before commencement of the experimental activities.

The Concept Note **is approved** with the above suggested modifications. The PI is advised to incorporate the recommendations and submit the revised Concept Note in the prescribed RMIS-01 format for further necessary action.

Action: Dr. Ram Lakhan Ram, Scientist-D, CSB-RSRS, Gonda, UP

3.3 Integrated Approaches for Chilling Requirement Assessment and Standardization of Dormancy-Breaking Treatments for Early Spring Sprouting in Temperate Mulberry (*Morus spp*.)

Suggestions:

- ✓ The RC suggested undertaking a comprehensive review of literature on chilling requirements, optimum temperature and UV/light requirements for bud break and sprouting in temperate mulberry.
- ✓ A review article on dormancy, chilling requirements and bud break in temperate mulberry should be prepared based on the available literature and research findings.
- ✓ The treatments may be refined by considering lower concentrations of hydrogen cyanamide and including suitable botanical alternatives for dormancy breaking.
- ✓ The methodology and expected outcomes should be suitably revised in accordance with the proposed objectives and treatments.
- ✓ The budget may be revised, particularly with adequate provision for greenhouse facilities and necessary laboratory facilities for studying the effect of broad-spectrum light on sprouting/bud break.
- ✓ Preliminary field observations in the Ladakh/Kargil region may be undertaken in association with Dr. Gulzar Ahmad Khan to document sprouting behaviour under temperate conditions and strengthen the experimental planning.
- ✓ The Council nominated Dr. Aftab Ahmad Shabnam as Co-Investigator (CI) in the proposed project.

The concepts note **is approved** with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Sh. Vinodh Kumar P N, Scientist-B, CSB-CSR&TI, Pampore

3.4 Participatory Evaluation of Mulberry Genetic Resources for Farmer-Preferred Traits under Kashmir Valley Conditions

Suggestions:

- ✓ The RC suggested merging the 3rd and 4th objectives and limiting the proposed study to three well-defined objectives.
- ✓ Relevant biochemical traits should be included among the parameters for evaluation of the mulberry genetic resources.
- ✓ The Gurez region should also be included in the study to broaden the evaluation under representative conditions.
- ✓ The project budget should be revised and presented in the prescribed standard format of RMIS-01.

The concepts note **is approved** with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Sh. Latief Bashir, Scientist-B, CSB-CSR&TI, Pampore

3.5 Introduction and Standardization of Oak Tasar Sericulture in Poonch District of Jammu & Kashmir

Suggestions:

- ✓ It was observed that the proposed activity does not fall within the mandate of CSB-CSR&TI, Pampore.
- ✓ Similar type of project may be proposed by CSB-CTR&TI, Ranchi/CSB-RSRS, Bhimtal in collaboration with CSB-CSR&TI, Pampore.

The Concept Note is **not approved**.

Action: Dr. Rubia Bukhari, Scientist-B, CSB-RSRS, Jammu

3.6 Utilization of micro-nutrient-Manganese (Mn) as Foliar Spray on Mulberry for improvement of cocoon quality.

Suggestions:

- ✓ The RC observed that the literature review on micronutrient application in mulberry was inadequate and advised strengthening it with recent literature, including relevant studies and Annual Reports/publications of CSB Institutes.
- ✓ The scope of the study should be broadened to consider relevant micronutrients and their suitable combinations, rather than restricting the investigation to manganese alone.
- ✓ The micronutrient status of soil and mulberry leaf should be comprehensively analysed, and the foliar spray formulation and concentration range should be standardized accordingly for temperate conditions.
- ✓ The sampling locations should be selected to adequately represent the temperate region, and baseline soil micronutrient status should be assessed before finalization of treatments.
- ✓ Available standardized formulations/concentrations and commercial formulations such as Potion and Seriboost may be considered as reference/check treatments, wherever appropriate.
- ✓ Pre- and post-treatment leaf analysis should be undertaken to assess changes in micronutrient status following foliar application.
- ✓ Relevant mulberry growth, leaf quality and cocoon quality parameters should be recorded to comprehensively assess the effectiveness of the treatments.

The concepts note is approved with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Dr. Sheetal Rani, Scientist-B, CSB-P-4, BSF, Manasbal

3.7 Production of naturally coloured silk fibres through sustainable approaches

Suggestions:

- ✓ It was observed that the literature survey on colour retention and the associated procedures was inadequate. The concerned scientist was advised to incorporate recent references from relevant sources, including the Annual Reports of various CSB institutes.

- ✓ It was suggested to include Sh. Jagdish Verma, Scientist-B, PCT Section, CSB-CSR&TI, Pampore, as Co-Investigator (CI) for silk testing.

The concepts note is approved with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Dr. Arasakumar, E, Scientist-B, CSB-RSRS, Sahaspur.

3.8 Development of a Seri-Tourism Centre at Regional Sericultural Research Station (RSRS), Sahaspur, Dehradun

Suggestions:

- ✓ The RC suggested limiting the objectives to three and suitably refining them in accordance with the scope and developmental nature of the project.
- ✓ The total budget should be presented with a clear head-wise breakup as per the prescribed format.
- ✓ The total area required for the Seri-Tourism Centre should be worked out and appropriately bifurcated according to the proposed components/designs.
- ✓ The proposed activity should be undertaken as a developmental project, and the objectives and activities should be aligned accordingly.
- ✓ The concerned Scientist was advised to seek technical guidance from **Dr. Rajesh Kumar, Scientist-D**, CSB-P4 Basic Seed Farm, Manasbal, while planning and implementing the proposed Seri-Tourism activities.

The concept note was approved in principle as a developmental programme, subject to the suggested modifications. The Principal Investigator (PI) was advised to prepare and submit a detailed project proposal along the lines of the Seri-tourism programme proposed by CSB–P4 Basic Seed Farm (P4BSF), Manasbal, in coordination with **Dr. Rajesh Kumar, Scientist-D**. The detailed proposal shall be submitted to the Central Office (CO), Bengaluru, for consideration and approval.

Action: Dr. Pawan Saini, Scientist-D, CSB-RSRS, Sahaspur.

3.9 Development of "Resham Setu": An AI-Enabled Digital Decision Support Platform for Precision and Climate Resilient Mulberry Sericulture in North-Western India

Suggestions:

- ✓ The RC suggested utilizing available historical data along with the data generated under the proposed project for the development and validation of the Resham Setu platform.
- ✓ The research gap and need for the proposed platform should be clearly established, highlighting the specific problems to be addressed and the expected benefits to sericulture stakeholders.
- ✓ The RC observed the need for regular monitoring, maintenance and periodic updating of such platform, including timely resolution of technical issues.

Hence, the feasibility of establishing a dedicated IT support team for managing the servers and associated technical infrastructure may be examined.

- ✓ The concerned Scientist was advised to explore technical guidance and possible collaboration with IIT Roorkee for the development and implementation of the proposed platform.
- ✓ The project budget, manpower and equipment requirements should be critically reviewed and revised in accordance with the proposed activities and technical requirements.

The concepts note is approved with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Dr. Sakshi Vaishav, Scientist-B, CSB-RSRS, Sahaspur.

3.10 Isolation, Screening and Characterization of Potassium Solubilizing Bacteria from Mulberry (*Morus spp*.) Rhizosphere of North India.

Suggestions:

- ✓ It was suggested to establish and justify the extent of potassium (K) deficiency in the Uttar Pradesh region based on the available soil nutrient status and relevant data.
- ✓ Since the strains are region specific, it was suggested to design the study as a region-specific investigation restricted to Uttar Pradesh.
- ✓ The concerned scientist was advised to justify the requirement of the proposed equipment and manpower, including the JRF/SA, as applicable.
- ✓ The scientist was advised to clearly establish the significance of the project and its expected outcomes.
- ✓ It was suggested to refer to and utilize existing microbial/nutrient consortia developed for agricultural crops, wherever relevant, as a basis for the proposed study.
- ✓ The allocated budget was advised to be revised based on the justified requirements.
- ✓ The concerned scientist was advised to refer to previous CSB projects and relevant reports related to the subject for strengthening the proposed research plan.
- ✓ It was suggested to develop and standardize a final consortium suitable for formulation and practical application as the end product of the project.

The concepts note is approved with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Sh. Chhattar Pal, Scientist-D, CSB-RSRS, Gonda, UP

3.11 Participatory Development and Validation of Climate Resilient Mulberry Establishment Technologies for Sericulture Expansion in the Cold-Arid Tribal Region of Ladakh

Suggestions:

- ✓ It was suggested to limit the objectives to maximum of three.
- ✓ The concerned scientist was advised to include relevant and recent literature pertaining to the proposed project.
- ✓ It was suggested to explore the inclusion of seed-sowing technology or suitable rootstock methods.
- ✓ It was advised to assess the soil status of the target region initially to establish the baseline soil conditions before initiating the main experimental work.
- ✓ The concerned scientist was advised to explore collaboration with relevant Government institutions in the Ladakh region for effective implementation of the project.

The concepts note is approved with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Sh. Gulzar Ahmad Khan, Scientist-D, CSB-CSR&TI, Pampore

3.12 Expansion of Mulberry Sericulture through GIS-Based Identification, Validation and Promotion of Unexplored Potential Areas in Traditional Sericulture Regions of North-West India

Suggestions:

- ✓ The Principal Investigator (PI) was advised to refer to the available SILKS and NISAC reports for compilation of relevant information and refinement of the experimental design.
- ✓ The PI was advised to consult Dr. Jitender Singh, Scientist-D, CSB–RSRS, Gonda, Uttar Pradesh, for technical guidance in formulating the experiment and preparing the RMIS-01 document.
- ✓ The project budget should be critically reviewed and revised to ensure scientific justification, financial prudence and alignment with the proposed objectives and planned activities.

The concepts note is approved with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Sh. Karthick V C, Scientist-B, CSB-CSR&TI, Pampore

3.13 Sericulture-Based Livelihood Diversification in High-Altitude Areas of Himachal Pradesh

Suggestions:

- ✓ The Council advised the Principal Investigator (PI) to critically review and revise the project objectives to ensure that they are clearly defined, scientifically sound, measurable and aligned with the specific needs and opportunities for sericulture-based livelihood diversification in the high-altitude areas of Himachal

Pradesh. The revised objectives should focus on achievable outcomes, considering the agro-climatic conditions, available resources and socioeconomic requirements of the target beneficiaries.

The concepts note is approved with suggested modifications. The PI is advised to submit the Concept note in RMIS-01 format.

Action: Dr. Rita Singh, Scientist-B, CSB-REC, Ghumarwin

3.14 Pilot study: Development of ideal and suitable mountages for silkworm mounting in Kashmir region.

Suggestions:

- ✓ The Council advised the Principal Investigator (PI) to generate adequate baseline data through systematic preliminary studies to establish the scientific rationale, feasibility and potential benefits of developing suitable mountages for silkworm mounting under the agro-climatic conditions of the Kashmir region. Based on the findings, a comprehensive project proposal may subsequently be formulated in project mode, incorporating clearly defined objectives, an appropriate experimental design, measurable outcomes and a scientifically justified budget for further evaluation and validation.
- ✓ The pilot project is approved for one year with a budgetary provision of Rs. 1 Lakh.

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

3.15 Pilot study: Evaluation of the Revival Potential of Silkworm Larvae Exposed to Pesticide Drift

Suggestions:

- ✓ In view of the encouraging preliminary results, the study was approved as a pilot study for a period of one year (budget: 1 Lakh) to generate additional data and validate the findings obtained in the initial investigation. The Principal Investigator (PI) was advised to generate sufficient and statistically robust data to substantiate the findings and establish their reproducibility, thereby providing a sound scientific basis for proposing subsequent field trials.

Action: Dr. Rajshree Varma, Scientist-B, CSB-CSR&TI, Pampore

Agenda No.4: Review on Concluded Projects

4.1 PIB03013SI: Development of high yielding quality mulberry (*Morus spp*.) genotypes under sub-tropical conditions of Northern India. **(Concluded on May 2026)**

- ✓ The Council advised that the selected genotypes be maintained and subjected to systematic evaluation and screening to identify superior genotypes with desirable yield and quality attributes. The shortlisted genotypes may

subsequently be considered for inclusion in the Primary Yield Trial (PYT), subject to satisfactory performance and fulfilment of the prescribed selection criteria.

Action: Incharge, CSB-RSRS, Miransahib, Jammu

Agenda No.5: Review on on-projects

5.1 Indo-Uzbekistan Collaborative Research Project on Improvement of Mulberry and Silkworm Breeding in Temperate Regions of India and Uzbekistan (AIB03006CI).

Suggestions:

- ✓ The House appreciated the progress made under the project. It was advised to maintain the 04 mulberry genotypes imported from Uzbekistan.
- ✓ It was suggested to compare the plain and marked silkworm genotypes by rearing a single race of each genotype to assess and compare their respective characteristics.
- ✓ It was advised to carry out gene sequencing of the 05 silkworm races imported from Uzbekistan

Action: Dr. Sakthivel N (PI); Dr. Aftab A. Shabnam (CI); Dr. Irfan Illahi (CI), CSB-CSR&TI, Pampore

5.2 Impact Assessment of Storage Time, Climate on Mulberry Cocoon Quality & Raw Silk Recovery and Study on Cold Storage Preservation of Mulberry Green Cocoons (CYR03022SIC)

Suggestions:

- ✓ The RC appreciated the progress of the project and advised undertaking appropriate statistical analysis of the recorded data, incorporating temperature and relative humidity (RH) observations corresponding to different periods of data collection.
- ✓ The percentage of damaged cocoons due to rodents and other storage-related factors, including stained cocoons, should be recorded and analysed to assess storage losses under farmers' conditions.
- ✓ The RC suggested including fecundity and hatching percentage as additional parameters along with the existing traits. This parameter may evaluated by utilizing the seed cocoons of parental races of FC1 × FC2.

Action: Sh. Jagdish Verma, Scientist-B, CSB-CSR&TI, Pampore

5.3 Development of ideal and affordable silkworm rearing houses (SPR03020MNC)

Suggestions:

- ✓ The concerned scientist was instructed to initiate the autumn-season rearing at the earliest.
- ✓ Instructed to regularly update the progress of the work through the common WhatsApp group.

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

5.4 Evolving superior mulberry varieties for temperate region through in vitro mutagenesis (PIC03014SI).

Suggestions:

- ✓ The progress made under the project was found to be unsatisfactory.
- ✓ The PI was advised to re-initiate the work of *in vitro* mutagenesis immediately to avoid further loss of time.

Action: Sh. Syam, Scientist-B, CSB-CSR&TI, Pampore

5.5 Primary Yield Trial (PYT) of newly evolved mulberry hybrids under temperate conditions of Kashmir Valley (PIE 030016 SIC).

Suggestions:

- ✓ It was suggested to record frost damage data during the forthcoming spring season for proper assessment and analysis.
- ✓ The concerned scientist was advised to include fibre content in the leaves as an additional trait in the study.
- ✓ It was suggested to maintain the experimental plots as per the prescribed Standard Operating Procedures (SOPs).

Action: Sh. Vinodh Kumar P N, Scientist-B, CSB-CSR&TI, Pampore

4.6 Evaluation of drought tolerant mulberry genotypes through preliminary yield trial for rainfed sericulture in Jammu region (PIE 03015 SIC)

Suggestions:

- ✓ The RC suggested initiating the evaluation study in the Kandi region at the earliest, in close coordination with the concerned State Department officials.
- ✓ The concerned Scientist was advised to formally request the State Sericulture Department to provide suitable land/space for establishing experimental mulberry plantations in the Kandi region, along with necessary support and resources for timely implementation of the project.
- ✓ The RC advised that statistical analysis of the experimental data should be carried out appropriately and presented in a standardized manner, particularly ensuring correct estimation and interpretation of genetic advance and other relevant genetic parameters.

Action: Dr. Rubia Bukhari, Scientist-B, CSB-CSR&TI, Pampore

5.7 Development of Mulberry Sericulture in Ladakh (MOE03019SNC)

Suggestions:

- ✓ The PI was advised to collect mulberry saplings for plantation in Kargil from CSB-P4BSF, Manasbal. The Incharge, CSB-P4 BSF, Manasbal was advised to provide all necessary support for the implementation of the project.
- ✓ The concerned scientist was advised to record the required data properly and work out the project budget utilization.

Action: Dr. Gulzar Ahmad Khan, Scientist-D, CSB-CSR&TI, Pampore

5.8 Studies on Carbon Sequestration in Mulberry Cultivation Under Different Climatic Conditions (PIP03017MIC)

Suggestions:

- ✓ The RC advised incorporating the latest experimental data and observations in the project progress reports.
- ✓ The concerned Scientist was instructed to arrange for soil samples from CSB–CSR&TI, Berhampore to be sent to CSB–CSR&TI, Pampore for analysis, considering the available budgetary provisions and to optimize analytical expenditure.

Action: Sh.S Syam, Scientist-B, CSB-CSR&TI, Pampore

5.9 Identification of Zinc and Sulphur solubilizing bacteria: A soil reclamation approach for sustainable sericulture in Kashmir region (PIN03018MIC)

Suggestions:

- ✓ It was advised to verify whether the isolated bacteria are capable of solubilizing zinc (Zn).

Action: Sh.S Syam, Scientist-B, CSB-CSR&TI, Pampore

5.10 Responsible Ethical Stunning for Humane Approach in Mulberry Sericulture (RESHAM) (SIB03021SIC)

Suggestions:

- ✓ It was suggested to procure the required asset items at the earliest and initiate the project.

Action: Dr.Jarpla Mounika, Scientist-B, CSB-CSR&TI, Pampore

Institute as CI

5.11 Utilization of Japanese Silkworm genetic resources for the development of productive Bivoltine hybrids (SIB01038MGC)

Suggestions:

- ✓ It was suggested to conduct cellular rearing during the summer season rather than mass rearing to verify the stability of the traits in selected lines.
- ✓ The concerned scientist was advised to select the lines based on their performance under high-temperature and high-relative-humidity (RH) conditions.
- ✓ It was suggested to apply appropriate selection procedure and formulate a further breeding plan based on the results obtained.

Action: Dr. Jarpla Mounika, Scientist-B, CSB-CSR&TI, Pampore

Agenda Item No. 6: Review of Extension and Training Activities

The Council reviewed the extension and training programmes conducted by the Institute and its Research Extension Centres. It was emphasized to complete the targets set under approved annual action plan for the year 2026-27.

Trial of Technologies (OSTs/OFTs)

The In-charge, SEEM Division, presented the progress and status of the ongoing On-Station Trials (OSTs) and On-Farm Trials (OFTs) being undertaken by the Institute and its nested units. The progress of the trials was reviewed and discussed during the meeting.

Agenda No.07: DISCUSSION ON GENERAL COMMENTS/ SUGGESTIONS OF RC/RAC

During the general discussions, the Director reviewed various research, developmental and administrative activities of the Institute and provided the following directions for necessary action and compliance:

- ✓ All Scientists were instructed to regularly update their publication details through the prescribed Google Form and submit the information to the PMCE Division for maintaining updated publication records.
- ✓ All nested units were strictly instructed to submit their respective “At a Glance” documents within the stipulated timeline. While reviewing the document of CSB-RSRS, Gonda, the Director instructed the concerned officials to replace AI-generated photographs with authentic, high-quality photographs of the concerned officials, facilities and activities.
- ✓ The newly appointed Scientists were instructed to submit research/review articles through the proper channel and obtain necessary clearance from the concerned Ethics Committee, wherever applicable.
- ✓ All Scientists were encouraged to formulate and submit need-based research concept notes addressing identified field-level problems.
- ✓ The upcoming MRMA 2.0 programme should be effectively utilized to identify research gaps and farmers’ requirements for developing relevant research proposals.

- ✓ The Chairman instructed the scientists to prepare zone-specific technology bulletins in the respective regional languages or in a multilingual format, with particular emphasis on developing region-specific SOPs for important sericultural practices.
- ✓ All scientists were instructed to go through the proceedings/minutes of the Soil Scientists' Meet (SSM) 2026 and take note of the relevant recommendations for further action.
- ✓ The Scientists were instructed to properly maintain and regularly update all project-related records and registers, with particular emphasis on the Stock Register and Expenditure Register, ensuring accurate documentation and timely entries.
- ✓ The Chairman emphasized the need to expedite accreditation of the Soil Science Laboratory, as the activity has been included and approved under the Key Performance Indicators (KPIs). The concerned Scientists were instructed to closely monitor the accreditation process and take necessary action to ensure its timely completion.

The Chairman appreciated the efforts of all Scientists and staff for their contributions to research and extension activities. The meeting ended with a **vote of thanks to the Chair**.



Dr. Sakthivel N.,
Chairman RC,
CSB–CSR&TI, Pampore

Date: 25.07.2026

Annexure-I.

List of participants:

A) Physical Mode:

1. Dr. N Sakthivel, Director, CSB-CSR&TI, Pampore
2. Dr. Irfan Illahi Scientist-D, CSB-CSR&TI, Pampore
3. Dr Aftab Shabnum Scientist-D, CSB-CSR&TI, Pampore
4. Dr. Rajesh Kumar Scientist-D, CSB-P4 BSF, Manasbal
5. Dr. Gulzar Ahmad Khan Scientist-D, CSB-CSR&TI, Pampore
6. Sh. S. Syam Scientist-B, CSB-CSR&TI, Pampore
7. Sh. Jagdish Verma Scientist-B, CSB-CSR&TI, Pampore
8. Dr. Rajshree Verma, Scientist-B, CSB-CSR&TI, Pampore
9. Dr. Jarpla Mounika, Scientist-B, CSB-CSR&TI, Pampore
10. Sh. Vinodh Kumar P N, Scientist-B, CSB-CSR&TI, Pampore
11. Sh. Vipin Kumar, Scientist-B, CSB-CSR&TI, Pampore
12. Sh. Latif Bashir, Scientist-B, CSB-CSR&TI, Pampore
13. Sh. Jyotirmay Roy, Scientist-B, CSB-CSR&TI, Pampore
14. Sh. Karthik V C, Scientist-B, CSB-CSR&TI, Pampore
15. Dr. Sheetal Rani, Scientist-B, CSB-P4 BSF, Mansabal
16. Shri Mohd Shafi Mir, Sr. Technical Assistant, CSR&TI, Pampore
17. Nida Mushtaq, Field Assistant, CSR&TI, Pampore
18. Miss Iqra Rafiq, Project Assistant, CSR&TI, Pampore
19. Miss Nadiya Ashraf, Project Assistant, CSR&TI, Pampore
20. Miss Zakiya Saif, Project Assistant, CSR&TI, Pampore
21. Miss Seerat Showkat, Project Assistant, CSR&TI, Pampore

B. Online Mode:

22. Dr. Ram Lakhan Ram, Scientist-D, CSB-RSRS, Gonda, UP
23. Dr. Jitendra Singh, Scientist-D, CSB-RSRS, Gonda, UP
24. Dr. Pawan Saini, Scientist-D, CSB-RSRS, Sahaspur
25. Shri Chhattarpal, Scientist-D, CSB-RSRS, Gonda, UP
26. Dr. Rita Singh, Scientist-B, REC, Ghumarwin
27. Dr. Arasakumar, Scientist-B, RSRS, Sahaspur
28. Dr. Sakshi Vaishnav, Scientist-B, RSRS, Sahaspur
29. Dr. Javeed-ul Rehman, Scientist-B, RSRS, Jammu
30. Dr. Rubia Bukhari, Scientist-B, RSRS, Jammu
31. Shri Vignesh Kurkoti, Scientist-B, REC, Lamberi