



Institute Research Council (IRC)

PROCEEDINGS

NINETEENTH (19th)
IRC MEETING

— 📅 19 & 20 May 2026 —



ICAR – Central Island Agricultural Research Institute

Sri Vijaya Puram, Andaman and Nicobar Islands

NINETEENTH INSTITUTE RESEARCH COUNCIL (IRC) MEETING

19-20 May 2026

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**ICAR – Central Island Agricultural Research Institute
Sri Vijaya Puram, Andaman and Nicobar Islands**

Proceedings at a Glance: (IRC) – 2026 Date: 19–20 May 2026

Research Portfolio

Divisions	Presented Ongoing Project	New projects proposed	Closed Projects	Active Projects (2026-2027)
Division of Natural Resource Management	3	4	1	6
Division of Horticulture & Crop Improvement	6	1	0	7
Division of Animal Science	9	2	4	7
Division of Fisheries Science	5	4	1	8
Total	23	11	6	28

Meeting highlights

- 34 research projects were presented and deliberated.
- 23 ongoing research projects underwent comprehensive technical review.
- 11 new research project proposals were evaluated and approved with suitable modifications.
- 6 completed projects were approved for closure after successful completion of objectives.
- 28 active institute research projects were approved for implementation during 2026–2027.

Key Scientific Outcomes of the Meeting

- Refinement of project objectives, methodologies, and technical programmes to enhance scientific quality and relevance.
- Promotion of interdisciplinary collaboration and optimization of institutional research resources and man-month allocation.
- Greater emphasis on technology validation, impact assessment, economic analysis, and field-level demonstrations.
- Strengthened linkages with farmers, fishers, line departments, Krishi Vigyan Kendras, and other stakeholders for technology dissemination.
- Alignment of the Institute's research portfolio with ICAR priorities and the sustainable development needs of the island ecosystem.

Chairman: Dr Jai Sunder, Director (A), ICAR- CIARI

Secretary (IRC): Dr Kiruba Sankar R, Senior Scientist, ICAR-CIARI

IRC 2026 -Rapporteurs

Division	Rapporteurs
Division of Animal Science	Dr. R. Rafeeqe Alyethodi
Division of Horticulture & Crop Improvement	Dr. P.V Puneeth
Division of Fisheries Science	Dr. Jess Maria Wilson
Division of Natural Resource Management	Dr. Gurunath Raddy

Introductory Remarks by the Secretary, IRC

Dr. R. Kiruba Sankar, Senior Scientist, ICAR-Central Island Agricultural Research Institute and Secretary, Institute Research Council (IRC)

Dr. R. Kiruba Sankar welcomed the Chairman and members of the Council and briefly presented the agenda of the meeting. He highlighted the significance of conducting research tailored to the fragile and geographically isolated island ecosystem, where agriculture, fisheries, animal husbandry, horticulture, and natural resource management are closely interlinked. He emphasized that the Institute's research efforts should not only generate scientific knowledge but also lead to technologies, practices, and policy recommendations that directly benefit the farming and fishing communities of the islands. He informed the Council that the projects under review had been designed with a focus on addressing field-level constraints, improving resource-use efficiency, enhancing productivity, and strengthening livelihood opportunities. He requested all members to provide constructive suggestions to further improve the quality, relevance, and impact of the research programmes being undertaken by the Institute.

Opening Remarks by the Chairman

Dr. Jai Sunder, Director (A), ICAR-Central Island Agricultural Research Institute and Chairman, Institute Research Council (IRC)

Dr. Jai Sunder welcomed all the scientists and members to the Institute Research Council meeting. In his opening remarks, he emphasized the importance of need-based, location-specific, and outcome-oriented research to address the unique challenges of the island ecosystem. He highlighted that research undertaken by the Institute should contribute towards enhancing agricultural productivity, livelihood security, natural resource conservation, and resilience to climate change in the Andaman and Nicobar Islands. The Chairman stressed that all research Programmes should focus on generating practical technologies, strengthening interdisciplinary collaboration, and ensuring effective transfer of technologies to farmers, fishers, livestock keepers, and other stakeholders. He further emphasized that the ultimate success of research lies in its adoption and impact at the field level, thereby contributing to the sustainable development of the island farming community.

A. Division of Natural Resource Management

Ongoing projects presented

1. Project Title: Determining suitable cropping window and varieties in rice-maize cropping system under Island ecosystem

PI: Dr. Abhilash (3)

Co-PIs: Dr. P.K. Singh (1), and Dr. Subash Nataraja Pillai (1) IARI, New Delhi

Duration: 2024-2027

Project Code: HORTCIARISIL202400500249

Decisions:

1. Soil pH should be reassessed, and suitable amendments should be applied to correct soil acidity.
2. Nutrient and fertilizer applications should be based on soil test results rather than the Recommended Dose of Fertilizers (RDF).
3. The man-month allocation of the Principal Investigator (PI) and Co-Principal Investigators (Co-PIs) should be revised, and the proposal should be resubmitted to the PME Cell.

Remarks: The house approved the continuation of the project.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1	Soil Sample Analysis; Rice crop growth observations; Microclimate observations in rice crop and Green Gram crop canopy across different dates of sowing	✓	✓	✓	✓	Abhilash
2	Nursery Raising for the rice crop	✓				Abhilash & P.K. Singh
3	Rice Transplanting: Rice Yield Attributes Observations			✓		Abhilash & P.K. Singh
4	Calibration and validation of the DSSAT model for Rice & APSIM model for Moong				✓	Abhilash & Subash Nataraja Pillai
5	Sowing and growth observations of Green gram; Datasets preparation for the Moong crop simulation model				✓	Abhilash & P.K. Singh

2. Project Title: Feasibility of natural farming under tropical island ecosystem**PI:** Dr. Y. Ramakrishna (5)**Co-PI:** Dr. Gurunath Raddy (1)**Duration:** 2024-2027**Project Code:** HORTCIARISIL20240100254**Decisions:**

1. Comprehensive soil analytical data should be included in the proposal, along with appropriate units for all parameters.
2. Crop-wise area details and the technical specifications of all agronomic practices should be clearly documented.
3. Microbial analysis and the assessment of pest and disease incidence should be incorporated as part of the study.
4. The use of Beejamrit and other organic formulations should be standardized under the project.
5. Shri Talaviya Harshangkumar may be replaced by Dr. Gurunath Raddy as Co-Principal Investigator (Co-PI), and the RPP should be refined and resubmitted accordingly.

Remarks: The house approved the continuation of the project.**Technical Program: 2026-2027**

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1	Natural Farming Input Preparation	✓				YRK& GR
2	Field Experiment to study the effect of natural farming in a coconut-based cropping system & rice-vegetable cropping system		✓	✓		YRK& GR
3	Soil Sample analysis, nutrient uptake and microbial population etc.				✓	YRK& GR

3. Project Title: Development of sequential cropping system of Andaman Padauk based agro-forestry**PI:** Dr. I. Jaisankar**Co-PI:** Dr. Sharath S. Yeligar**Duration:** 2022-2026**Project Code:** HORTCIARISIL202200900238**Decisions:**

1. The details of the banana variety, planting time, and the crop combinations evaluated should be included in the RPP-III.
2. The outcomes of the project should clearly recommend the practically feasible cropping systems for the Island conditions and should reflect in the RPP-III

3. An economic analysis and the practical applicability of the proposed cropping systems under field conditions should be assessed and included in RPP-III.

Remarks: The house approved the closure of the project and submission of RPP-III. The PI was advised to incorporate the above recommendations while preparing the final report.

New projects proposed

4. Project Title: Harnessing plant extracts and bait attractants for managing rugose spiralling whitefly (*Aleuridicus rugloperculatus* Martin) and fruit flies (*Bactrocera* spp.) in Island Ecosystem

PI: Dr. Saneera, E. K (5)

Co-PI: Dr. Arkadeb Mukhopadhyay (2)

Duration: 2026-2029

Project Code: NRMACIARISIL202601700261

Decisions:

1. The proposal should be strengthened by incorporating baseline survey data on the incidence and severity of pest infestations across the islands.
2. Existing pest management practices adopted by farmers should be systematically documented.
3. Pest damage should be recorded before and after treatment to assess the effectiveness of the interventions.
4. The study should include the responses of both tall and dwarf coconut varieties to the proposed pest management strategies.
5. Locally available botanicals and other plant-based pest management options should be explored as sustainable alternatives for pest control.

Remarks: The house approved the project proposal and submission of RPP-I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Conduct a baseline survey to record the incidence of Rugose spiralling whitefly in coconut and fruit flies in cucurbit crops			✓	✓	SEK
2.	Assess the incidence of Rugose spiralling whitefly in tall and dwarf coconut varieties			✓	✓	SEK
3	Monitor the population of Rugose spiralling whitefly in coconut and fruit flies in cucurbits	✓	✓	✓	✓	SEK
4	Prepare indigenous plant extracts and evaluate their in vitro toxicity against target pests.	✓	✓	✓	✓	SEK, AM

5. Project Title: Novel Hydrophilic soil conditioner through valorization of Arecanut (*Areca catechu L.*) Husk for improving Soil Health and crop Productivity in Andaman Islands

PI: Dr. Arkadeb Mukhopadhyay (4)

Co-PIs: Dr. I. Jaisankar (1), Dr. Abhilash (1), Dr. Gurunath Raddy (1), Dr. Puneeth P.V (2), Dr. Prabhu P (1), and Dr. Chaithrashree J (2)

Duration: 2026-2029

Project Code: NRMACIARISIL202602000264

Decisions:

1. The treatments should be standardized through preliminary pot experiments before initiating field evaluation.
2. Suitable moisture-sensitive crops should be selected for the study.
3. A standard soil conditioner and the Recommended Dose of Fertilizers (RDF) should be included as control treatments for comparison.
4. The residual effects of the treatments, along with their potential for nutrient enrichment, should be assessed.
5. The cost estimates should be refined, and greater emphasis should be placed on demonstration-based validation of the technology.

Remarks: The house approved the project proposal and submission of RPP-I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Review of literature	✓				AM, CJ
2.	Standardization of soil conditioner prototypes and characterization of the developed products	✓	✓			AM, IJ
3.	Evaluation of the effect of the developed soil conditioner on soil physico-chemical properties under laboratory conditions	✓	✓	✓	✓	AM, AB, IJ
4.	Efficacy evaluation of prepared soil conditioner under pot culture conditions in representative crops of Andaman Islands in representative soil types			✓	✓	AM, PPV, GR, PP and CJ

6. Project Title: Evaluation of Organic and Natural Farming inputs in Rice-Based Cropping Systems under Island Ecosystem

PI: Dr. Gurunath Raddy (4)

Co-PIs: Dr. Pankaj Kumar Singh (1), Dr. Y Ramakrishna (1), Dr. Abhilash (1), Dr. Arkadeb Mukhopadhyay (2), and Dr. Chaithrashree J (3)

Duration: 2026-2029

Project Code: NRMACIARISIL202601800262

Decisions:

1. Existing arecanut plantations within the Institute should be documented, and the adoption of organic cultivation practices under arecanut-based cropping systems should be explored.
2. Partial budgeting and cash-flow analysis should be undertaken to evaluate the economic viability of the proposed interventions.
3. Quality parameters, including phenolic compounds, reducing and non-reducing sugars, micronutrient content, and other relevant quality attributes, should be assessed.
4. Pest and disease monitoring, along with appropriate management strategies, should be incorporated throughout the study period.

Remarks: The house approved the project proposal and submission of RPP-I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1	Field selection and layout, organic and natural farming input preparation	✓				GR, PKS, AB, CJ
2	Field experiment to study the effect of organic and natural farming in paddy and arecanut-based cropping system		✓	✓		GR, PKS, AB, CJ
3	Growth, yield, pest and disease observations		✓	✓		GR & AB
4	Soil sample analysis, nutrient uptake and microbial population studies etc.				✓	GR & AM
5	Economic analysis (partial budgeting and cash-flow analysis) and quality evaluation of produce.				✓	GR & CJ

7. Project Title: Integrated Horti-Silvi-Pasture systems for Sustainable Soil and Water conservation in the Andaman Island Ecosystem

PI: Dr. I. Jaisankar (2)

Co-PIs: Dr. Abhilash (1), Dr. Gurunath Raddy (1) and Dr. Venkatesh (1), ICAR-IISWC, Dehradun

Duration: 2026-2029

Project Code: NRMACIARISIL202602100265

Decisions:

1. Suitable fruit crops should be included as components of the treatment combinations.
2. Suitable grass species should be established in the experimental area to control soil erosion.
3. Bamboo plantation should be undertaken in the research area to strengthen soil conservation and improve the sustainability of the experimental site.

Remarks: The house approved the project proposal and submission of RPP-I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	Name of PI/CO-PIs
1.	Field preparation, planting of fruit trees, grasses, bamboo, trenching, bunding, installation of infiltrometer and formation of erosion plots	✓	✓	✓	IJ, AB
2.	Initial and periodic soil sample collection and analysis		✓	✓	AB, GR
3.	Biometric & meteorological observation		✓	✓	IJ, AB
4.	Soil and plant sample analysis (physical, chemical and biological)		✓	✓	AB, GR
5.	Crop/vegetable/fruit/tuber growth and yield observation		✓	✓	IJ, AB, GR
6.	Growth observations of trees and crops		✓	✓	IJ, AB, GR
7.	Agroforestry management (Weeding, cleaning, basin formation, fencing), runoff collection		✓	✓	AB

B. Division of Horticulture and Crop Improvement

Ongoing projects presented

1. Project Title: Conservation, bio-prospection and utilization of selected fruit species of Bay Islands

PI: Dr. Pooja Bohra (5)

Co-PIs: Dr. Ajit Arun Waman (1) and Dr. P. Prabhu (1)

Duration: 2021-2026

Project Code: HORTCIARISIL202100200225

Decisions:

1. Success story to be published on the ICAR website after compilation
2. Incidence of pests and diseases of all fruit crops in the research blocks to be recorded
3. Mango and avocado work should be carried out in future with the establishment of new collection blocks.

Remarks: The house approved a one-year extension of the project.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Propagation studies in <i>Garcinia mangostana</i> , <i>Flacourtia montana</i> and <i>Eugenia uniflora</i>	✓	✓			PB
2.	Characterization, regeneration and planting of mango collections	✓	✓	✓	✓	PB, PP
3.	Evaluation of germplasm in Korangi banana and its micropropagation	✓	✓	✓	✓	PB, AAW
4.	Shelf-life study in <i>Flacourtia montana</i> fruit powder, banana powder and <i>G. kydia</i>	✓	✓	✓		PB, AAW
5.	Documentation of underutilized fruits diversity and their popularization	✓	✓			PB, AAW

2. Project Title: Identification and characterization of superior germplasm of cinnamon, tejpat, long pepper and clove under Bay Islands conditions.

PI: Dr. Ajit Arun Waman (3)

Co-PIs: Dr. Pooja Bohra (2) and Dr. P. K. Singh (1)

Duration: 2021-2026

Project Code: HORTCIARISIL202100200226

Decisions:

1. Though a promising clove line was identified for possible registration for specific trait, the diversity was not sufficient to propose any of the collection as a variety and hence, the work may be discontinued, and efforts should be made for registration of identified germplasm

- The committee suggested initiating the germplasm registration at the earliest.

Remarks: The house approved the continuation of the project for one year

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Registration/ release of identified superior germplasm for various traits	✓	✓	✓	✓	AAW, PB, PKS
2.	Characterization and evaluation of collections of <i>Piper sarmentosum</i> and clove	✓	✓	✓	✓	AAW, PB
3.	Biochemical analysis of cinnamon varieties and collections	✓	✓	✓		AAW, PB
4.	Maintenance of germplasm and mass multiplication of identified superior germplasm	✓	✓	✓	✓	AAW

3. Project Title: Assessment and strengthening of year-round vegetable cultivation through strategic introduction, acquisition and utilisation of germplasm

PI: Dr. Raj Narayan (3)

Co-PIs: Dr. Pooja Bohra (1), Dr. P. Prabhu (1) and Dr. Sharath S. Yeligar (3), Dr. Puneeth P. V (2), Mr. Mohit

Duration: 2025-2028

Project Code: HORTCIARISIL202501100255

Decisions:

- Organic nutrient management practices for grafted brinjal cultivation should be standardized.
- The year-round vegetable crop calendar should include season-wise details of crops and recommended varieties.
- The number of crops included in the study should be limited, and the experimental design should be simplified by focusing on a few priority crops.
- The existing protected structure should be repaired to facilitate the proper conduct of experiments, and other underutilized land resources may be explored for vegetable crop research.
- Dr. Puneeth P. V. (Vegetable Science) and Mr. Mohit, Subject Matter Specialist (SMS), Krishi Vigyan Kendra (KVK), South Andaman, may be included as Co-Principal Investigators (Co-PIs) in the project.

Remarks: The house approved the continuation of the project.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Survey, collection and assessment of indigenous <i>Basella</i> and roselle germplasm from different islands/localities	✓	✓	✓	✓	RN, PP, PPV
2.	Collection of bacterial wilt-resistant rootstock germplasm of solanaceous vegetables from available sources	✓	✓	✓	✓	RN, PP, PPV
3.	Preliminary screening of rootstock germplasm against bacterial wilt under field/sick plot conditions		✓	✓	✓	RN, PP, PPV, MT
4.	Sowing/planting of diverse vegetable crops for year-round cultivation and recording observations	✓	✓	✓	✓	RN, PPV
5.	Physio-chemical and nutritional characterization of <i>Basella</i> and roselle germplasm		✓	✓	✓	RN, PB, PP, PPV
6.	Standardization of grafting techniques and selection of suitable rootstock–scion combinations in brinjal			✓	✓	RN, PPV, PP
7.	Field experiments on grafted brinjal with different biostimulant treatments		✓	✓	✓	RN, PPV, MT
8.	Recording observations on growth, yield parameters and graft survival under different treatments			✓	✓	RN, PPV, MT
9.	Identification and validation of suitable grafting and biostimulant management technologies for island conditions		✓	✓	✓	RN, PPV
10.	Estimation of the cost of cultivation, economics and benefit–cost ratio of different treatment combinations		✓	✓	✓	RN, SYV, PPV
11.	Development of a crop calendar for year-round cultivation				✓	RN, PPV

**4. Project Title: Introduction of Sesame and Safflower oilseed crops to Island conditions:
Evaluating performance in the Andaman Islands**

PI: Dr. P. Prabhu (3)

Co-PIs: Dr. P. K. Singh (1) and Dr. Abhilash (1), Dr. Gurunath Raddy (1)

Duration: 2024-2027

Project Code: HORTCIARISIL202400300247

Decisions:

1. The project should be confined to sesame, and further evaluation of the other oilseed crops may be discontinued.
2. The proposal may be merged with other related projects focusing on the standardization of agro-techniques and multi-location testing.
3. The involvement of Dr. Prabhu P. in other projects should be rationalized, considering the available man-month allocation.

4. Dr. Gurunath Raddy may be included in the project to support the development and standardization of agro-techniques for sesame.

Remarks: The house approved the continuation of the project.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1	Molecular data comparison with morphological data			✓	✓	Prabhu P
2	Multilocation trial of better-performing genotypes in North Andaman, Middle Andaman, South Andaman		✓			Prabhu P; PK Singh; Abhilash
3	Standardization of agro-techniques for sesame			✓	✓	Prabhu P; PK Singh; Abhilash; Gurunath Raddy
4	Report Preparation				✓	Prabhu P

5. Project Title: Collection, conservation, characterization and evaluation of cucurbitaceous germplasm for the Andaman and Nicobar Islands

PI: Dr. P. Prabhu (3)

Co-PIs: Dr. I. Jaisankar (1) and Dr. Raj Narayan (1), Dr. Puneeth P. V (2)

Duration: 2024-2027

Project Code: HORTCIARISIL202400400248

Decisions:

1. The total soluble solids (TSS) content of snap melon should be analysed and compared with that of other available varieties.
2. DNA fingerprinting of the ivy gourd germplasm should be undertaken.
3. Biochemical profiling of the snap melon accessions should be carried out.
4. Mineral profiling of the ivy gourd germplasm should also be undertaken to facilitate comprehensive characterization.
5. Approval was accorded for the inclusion of Dr. Puneeth P. V. (Vegetable Science) as a Co-Principal Investigator (Co-PI) in the project.

Remarks: The house approved the continuation of the project.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1	Conduct detailed morphological characterization of each collected germplasm, documenting traits.	✓	✓	✓	✓	Prabhu P; Raj Narayan
2	Seed multiplication to increase the seed stock of each collected germplasm for submission to the NGB.	✓	✓	✓	✓	Prabhu P; Jaisankar I

3	Integrate molecular characterization data with morphological data to provide comprehensive profiles of each germplasm accession	✓	✓	✓	✓	Prabhu P; Puneet P V
4	Report Preparation			✓	✓	Prabhu P

6. Project Title: Harnessing variability of multi-parent advance generation inter-cross (MAGIC) population of rice for genetic improvement

PI: Dr. P.K. Singh (4)

Co-PIs: Dr. Y. Ramakrishna (1), Dr. Prabhu P (1), Dr. Pooja Kapoor (1), Dr. Gurunath Raddy (1)

Duration: 2022-2026

Project Code: HORTCIARISIL202200400233

Decisions:

1. Zinc estimation and comprehensive soil parameter analysis should be carried out as part of the study.
2. Dr. Gurunath Raddy may be included as a Co-Principal Investigator (Co-PI) in the project, subject to the availability of adequate man-month allocation.

Remarks: The house approved a one-year extension of the project and advised the PI to incorporate the above recommendations during implementation.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Stability analysis (G X E. interaction) of selected advanced inter-cross lines will be studied.	✓	✓	✓	✓	PKS, YR, PP
2.	Soil parameter analysis; Grain quality analysis of advanced inter-cross lines, including zinc estimation and associated nutritional quality parameters.	✓	✓	✓	✓	PK, GR
3.	Nomination of selected Advance Inter-cross Lines under AICRP rice trials.	✓	✓	✓	✓	PKS, PP
4.	Report writing and submission of RPP III	✓	✓	✓	✓	PKS, YR, PP, PK

New projects proposed

7. Project Title: MAGIC Breeding and Nano-enabled strategies for Enhancing Biotic and Abiotic Stress Tolerance in Tomato and Chilli under Island vegetable production systems

PI: Dr. Puneeth P.V (5)

Co-PIs: Dr. Raj Narayan (1), Dr. Arkadeb Mukhopadhyay (2), Dr. Prabhu P (1), Shri. Mohit

Duration: 2026-2029

Project Code: NRMACIARISIL202601900263

Decisions:

1. The project title was revised as “MAGIC Breeding and Nano-enabled Strategies for Developing Resistant Lines for Bacterial Wilt in Tomato and Leaf Curl Disease in Chilli (CLCV) adaptable to the Andaman & Nicobar Island Ecosystems.”
2. Bacterial wilt-resistant germplasm/lines should be procured from the National Bureau of Plant Genetic Resources (NBPGR) for use in the study.
3. Dweep Brinjal 1 and Dweep Brinjal 2 may be utilized as rootstocks for grafting to manage bacterial wilt. However, this activity falls outside the scope of the present project.
4. The nanoparticle-related objective should be initiated during the first year of the project until the required resources are made available.
5. The Principal Investigator, with the support of the Head of the Division, should take immediate steps to make the greenhouse facilities operational. Repair of the polyhouse and rain shelter structures should be accorded priority to facilitate the cultivation of chilli and tomato for the proposed experiments

Remarks: The house approved the project and submission of RPP I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1	Initiation of the Material Transfer Agreement (MTA), collection of seed materials, purchase of nanoparticles, designing of the experiment	✓				Dr. Puneeth P. V Dr. Arkadeb Mukhopadhyay
2	Greenhouse/polyhouse restoration and experimental setup. Screening of collected germplasm of tomato and chilli for disease resistance		✓	✓		Dr. Puneeth P. V Dr. Raj Narayan
3	Standardization of nanoparticle application strategy	✓	✓	✓	✓	Dr. Arkadeb Mukhopadhyay
4	Preparation of a bacterial wilt-sick plot for tomato and rearing of whiteflies for CLCV artificial inoculation			✓	✓	Mohit, Prabhu P

C. Division of Animal Science

Ongoing Projects Presented

1. Project Title: Economic Impact Analysis of ICAR-CIARI technologies on Andaman and Nicobar Islands Farmers

PI: Dr. Sharath S. Yeligar (5)

Co PIs: Dr. Ramakrishna Y (1), Dr. Santosh Kumar (1) and Shri Rakesh Dawar (1)

Duration: 2024-2027

Project Code: HORTCIARISIL202400700251

Decisions:

1. All the technologies certified by ICAR should be evaluated for impact analysis. In addition, an impact assessment of all technologies developed by ICAR-CIARI should be done on priority in consultation with the ITMU cell.
2. Shri Rakesh Dawar, SMS (North & Middle) may be included as a Co-Principal Investigator (Co-PI) in the project pertaining to works at North and Middle Andaman.
3. All technologies developed by ICAR-CIARI should carry the prefix "Dweep" along with the registered trademark (®), wherever applicable.

Remarks: The house approved the continuation of the project.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1	Data collection and analysis of Samridhi technology	✓	✓	✓	✓	SSY, RY
2	Data collection and analysis of CARI Dhan and CARI Brinjal	✓	✓	✓	✓	SSY, RY, SK
3	Data collection and analysis of Integrated Farming System models developed by ICAR CIARI	✓	✓			SSY, RY, SK

2. Project Title: Sorting of X and Y bearing spermatozoa in rabbit model

PI: Dr. R. R. Alyethodi (5)

Co PI: Dr. P. Perumal (2)

Duration: 2023-2026

Project Code: HORTCIARISIL202300400242

Decisions:

1. The pig model may be dropped from the project.
2. Development of female-specific probes should be taken up during the forthcoming project period.
3. Based on the request of the Principal Investigator (PI), the project has been extended by one year to facilitate completion of the remaining work.

Remarks: The house approved a one-year extension of the project.

Technical Program: 2026-2027

S. No.	Activities	I	II	III	IV	Name of PI/CO-PIs
1	Evaluation of bovine graded semen with X and Y specific probes	✓	✓	✓	✓	Dr. R. R. Alyethodi, Dr. P. Perumal
2	Development and evaluation of MACS protocol	✓	✓	✓	✓	Dr. R. R. Alyethodi

3. Project Title: Evaluation of Serum Levels of ERBB2, FGFR1, MAP3K19, GDF9, and IGF1R as Goat Fecundity Biomarkers

PI: Dr. R. R. Alyethodi

Co PI: Dr. K. Muniswamy

Duration: 2023-2026

Project Code: HORTCIARISIL202300500243

Decisions:

1. LC-MS analysis of the proteins identified through SDS-PAGE should be continued under other activities.
2. The evaluation and validation of fecundity markers may be continued as a service activity.

Remarks: The house approved the closure of the project and the submission of RPP-III.

4. Project Title: Reproductive performances of Cattle and Goat in modern and traditional housing models in Andaman and Nicobar Islands

PI: Dr. P. Perumal

Co PIs: Dr. Abhilash and Dr. Sharath S. Yeligar

Duration: 2024-2026

Project Code: HORTCIARISIL202400800252

Decisions:

1. Extension bulletins and pamphlets should be prepared and disseminated based on the major findings of the project.
2. The PI proposed that the project may be considered for closure as all the objectives were achieved and the same was agreed by the house.
3. The economic feasibility and cost–benefit analysis of the improved shed design should be undertaken and incorporated in RPP-III.

Remarks: The house approved the closure of the project and the submission of RPP-III.

5. Project Title: Tree fodder resources of A & N islands for its nutrient analysis and digestibility in livestock**PI:** Dr. P.A. Bala (5)**Co PI:** Dr. I. Jaisankar (1)**Duration:** 2023-2028**Project Code:** HORTCIARISIL202300600244**Decisions:**

1. Growth parameters of tree fodder species should be evaluated to assess their potential for year-round fodder production.
2. Replanting of jackfruit trees should be undertaken to ensure continuity of the study.
3. The effect of tree fodder feeding on the growth performance of grower goats should be systematically evaluated.
4. Appropriate feeding regimes and feeding trials should be incorporated into the study.
5. A model fodder plot comprising suitable grasses and tree fodder species should be developed to sustainably meet the feeding requirements of 10–15 goats throughout the year.

Remarks: The house approved the continuation of the project.**Technical Program: 2026-2027**

S. No	Activities	I	II	III	IV	PI/CO-PIs
1.	Maintenance and production of tree and grass fodders	✓	✓	✓	✓	I. Jaisankar
2.	Taking the record of productive indices of the fodders & proximate analysis	✓	✓	✓	✓	I. Jaisankar & P.A. Bala
3.	Conducting digestibility trials to analyse fodders (3 trials)		✓	✓	✓	P.A. Bala
4.	Prepare a model fodder plot to support year-round sustainable goat rearing		✓	✓	✓	I. Jaisankar & P.A. Bala

6. Project Title: Mitigation of heat stress of endemic poultry breeds of Andaman and Nicobar Islands under the impending climate change scenario**PI:** Dr. T. Sujatha**Co PIs:** Dr. Abhilash and Dr. Nibedita**Duration:** 2022-2026**Project Code:** HORTCIARISIL202200700236**Decisions:**

1. The proposed mitigation measures should be implemented under farmers' field conditions to evaluate their effectiveness.
2. In view of the request of the Principal Investigator (PI) and the completion of all the proposed objectives, approval was accorded for the submission of RPP-IV.

Remarks: The house approved the closure of the project and the submission of RPP-IV.

7. Project Title: Studies on the prevalence of antimicrobial resistance in bacteria of zoonotic importance in the food chain and the environment

PI: Dr. Jai Sunder (1)

Co PI: Dr. T. Sujatha (1)

Duration: 2022-2026

Project Code: HORTCIARISIL202300200240

Decisions:

1. Common water sources shared by fish and livestock should be included for further analysis.

Remarks: The house approved the continuation of the project.

Technical program: 2026-2027

S. No	Activities	I	II	III	IV	PI/CO-PIs
1.	Isolation and identification of microorganisms by standard procedures, biochemical tests and phenotypic antibiotic sensitivity testing	✓	✓	✓	✓	Dr. Jai Sunder Dr. T. Sujatha
2	Phenotypic antibiotic sensitivity testing against common antibiotics; Phenotypic and molecular screening for ESBL, AMPC; Screening for biofilm, and resistance against carbapenems; Molecular detection of virulence genes	✓	✓	✓	✓	Dr. Jai Sunder Dr. T. Sujatha
3	Compilation of the report and submission				✓	Dr. Jai Sunder Dr. T. Sujatha

8. Project Title: Exploring the transcript variants and expression profile of germ line markers Vasa and DAZL genes in Goat

PI: Dr. K. Muniswamy

Co PIs: Dr. R. R. Alyethodi and Dr. P. Perumal

Duration: 2023-26

Project Code: HORTCIARISIL202300300241

Decisions:

1. In view of the PI being on study leave, the project may be closed and RPP-III submitted.

Remarks: The house approved the closure of the project.

9. Project Title: Molecular epidemiology and vaccine development for caseous lymphadenitis in goats**PI:** Dr. T. Sujatha (2)**Co PI:** Dr. Jai Sunder (1)**Duration:** 2024-27**Project Code:** HORTCIARISIL202400900253**Decisions:**

1. Vaccine development should be taken up during the subsequent phase of the study.

Remarks: The house approved the continuation of the project.**Technical program: 2026-2027**

S. No	Activities	I	II	III	IV	PI/CO-PIs
1.	Development of a vaccine for caseous lymphadenitis in goats: Preparation and formulation of the <i>Corynebacterium pseudotuberculosis</i> vaccine	✓	✓	✓	✓	Dr. Jai Sunder Dr. T. Sujatha

New projects proposed**10. Project Title: Gender-based participation, resource access and technology dissemination pathways in island agriculture****PI:** Dr. Chaithrashree J (5)**Co-PIs:** Dr. Sujatha T (1), Dr. Pooja Bohra (1), Dr. Gurunath Raddy (1), Dr. Jess Maria Wilson (1), Dr. Saneera E K (2), Dr. Pooja Kapoor (1), Dr. Ajmal S (1) and Dr. Yatharth Sharma (1)**Duration:** 2026-2029**Project Code:** NRMACIARISIL202601200256**Decisions:**

1. Bottlenecks affecting the dissemination of gender-responsive technologies should be identified, and appropriate measures should be taken to address them.
2. The final set of technologies for dissemination should be selected based on the evidence and data generated from the other project objectives.
3. A survey among women participants who had previously attended ICAR-CIARI training programmes should be undertaken to identify the constraints in technology adoption, field-level implementation, and entrepreneurial activities.
4. Assessment of the contribution of women participants to family income generation and improvement in socio-economic status should be incorporated as an important component of the study.

Remarks: The house approved the project proposal, subject to incorporation of the above modifications, and submission of RPP-I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	PI/CO-PIs
1.	Review of literature & baseline index construction, questionnaire tool development	✓				CJ, ST, PB, SEK, GR, JMW, AS, PK, YS
2.	Multi-stage sampling layout, Data collection			✓	✓	CJ, SEK, GR, PK, AS, YS
3.	Focus group discussion, Data analysis			✓	✓	CJ, ST, PB, SEK, YS

11. Project Title: Integrated management of post-partum anestrus and repeat breeding syndrome in dairy cattle of Andaman and Nicobar Islands**PI:** Dr. P. Perumal (3)**Co PIs:** Dr. R. R. Alyethodi (2), Dr. Z. George (1), and SVOs (1), DAHVS, ANI**Duration:** 2026-2029**Project Code:** NRMACIARISIL202602200266**Decisions:**

1. Include nutritional assessment, including mineral profiling (with Ca:P ratio), to evaluate its influence on reproductive performance.
2. Adopt standardised reproductive management protocols, including heat synchronisation, double artificial insemination, and development of a comprehensive Package of Practices (PoPs) for field application.
3. Strengthen extension activities through awareness programmes on the prevention and management of Post-Partum Anoestrus and Repeat Breeding Syndrome to enhance technology adoption.

Remarks: The house approved the project proposal and submission of RPP-I.**Technical Program: 2026-2027**

S. No	Activities	I	II	III	IV	PI/CO-PIs
1	Conduct field surveys to identify post-partum anestrus and repeat breeding syndrome-affected cows.	✓	✓	✓	✓	P. Perumal Z. George SVOs
2	Develop an integrated protocol with the incorporation of hormonal therapy, mineral supplementation, nutritional correction and reproductive health management	✓	✓	✓	✓	P. Perumal R. R. Alyethodi Z. George SVOs
3	Implementation of the protocol in affected animals under organised farm conditions and monitor improvement in estrus expression, conception rate and productivity	✓	✓	✓	✓	P. Perumal R. R. Alyethodi Z. George SVOs
4	Application of the validated protocol in selected field dairy herds and monitor reproductive parameters such as estrus response, conception rate, service period and calving interval.	✓	✓	✓	✓	P. Perumal Z. George SVOs

D. Division of Fisheries Science

Ongoing projects presented

1. Project Title: Standardization of high stocking density carp seed rearing in Biofloc system

PI: Shri. Chittaranjan Raul (3)

Co PI: Dr. J. Praveenraj (1)

Duration: 2024-2027

Project Code: HORTCIARISIL202400100245

Decisions:

1. Trials should be conducted in small tanks to develop biofloc technology (BFT) models suitable for household-level aquaculture.
2. Solar-powered BFT models should be developed and evaluated, along with an assessment of microbial load dynamics within the biofloc system.
3. The economic feasibility of rohu (*Labeo rohita*) culture under BFT should be assessed, with particular emphasis on labour requirements and operational costs.

Remarks: The house approved the continuation of the project.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Evaluation of the growth and survival of Catla spawn to fry in live feed (<i>Moina sp</i>) based biofloc system	✓				Chittaranjan Raul
2.	Evaluation of the growth and survival of Catla fry to fingerling in live feed (<i>Moina sp</i>) based biofloc system		✓			Chittaranjan Raul J Praveenraj
3.	Standardisation of <i>P vannamei</i> culture in low salinity biofloc system			✓	✓	Chittaranjan Raul

2. Project Title: Development of an island-based information management system for decision making in agriculture

PI: Shri. D. Karunakaran (3)

Co PIs: Dr. R. Kiruba Sankar (1), Dr. Sirisha Adamala (1), and Dr. S. Yeligar (2)

Duration: 2022-2026

Project Code: HORTCIARISIL202200100230

Decisions:

1. The document should be updated with the latest as well as historical data, duly supported by appropriate data sources and references, and expanded to include comprehensive information on both the Andaman & Nicobar Islands and Lakshadweep.

2. Details of fisheries landing centres, fish landing statistics, and standardized technology nomenclature should be incorporated, while the names of individual pond owners should be omitted from the fisheries sector information.
3. The locations and details of all farm facilities under ICAR-Central Island Agricultural Research Institute should also be included.

Remarks: The house approved the continuation of the project until the portal becomes fully operational for public use. The PI shall demonstrate the portal before the IRC/Study Circle before consideration of project closure.

3. Project Title: Application of artificial intelligence (AI) and internet of things (IoT) in Agriculture for efficient management

PI: Shri. D. Karunakaran (3)

Co PIs: Dr. Abhilash (1), Shri. Chittaranjan Raul (1), Dr. Pooja Bohra (1) and Dr. P. Perumal (1)

Duration: 2024-2027

Project Code: HORTCIARISIL202400200246

Decisions:

1. Studies on dissolved oxygen (DO) sensors and moisture sensors should be continued, and heat sensors should be installed in the old cow shed to assess their effects on animal health and behaviour through continuous monitoring, including CCTV surveillance.
2. A suitable soothing music system for cow sheds should be evaluated with available alternatives, the distress signal communication system should be validated with experts, and the technology should be evaluated at the ICAR-Central Island Agricultural Research Institute farm facilities before its implementation under farmers' field conditions.
3. Studies on biofloc systems should be expanded, and a dedicated portal or mobile application should be developed for data collection, monitoring, and analysis.

Remarks: The house approved the continuation of the project.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Studies on Dissolved Oxygen (DO) and Moisture Sensors	✓	✓			D. Karunakaran; Chittaranjan Raul; Pooja Bohra
2.	Installation of Ammonia and Dissolved Oxygen (DO) Sensors in Biofloc Systems and Data Analysis		✓	✓		D. Karunakaran Chittaranjan Raul
3.	Analysis of Data Received from Neck Sensors in Cattle	✓	✓	✓	✓	D. Karunakaran & P. Perumal

4. Project Title: Development of control & treatment measures for the management of parasitic diseases in freshwater fishes

PI: Dr. J. Praveenraj (3)

Co PIs: Dr. Ajit Arun Waman (1) and Shri. Chittaranjan Raul (1)

Duration: 2023-2026

Project Code: HORTCIARISIL202300100239

Decisions:

1. The *in vitro* experiments should be repeated two to three times to ensure the consistency and reliability of the results before further optimization of the formulation.
2. The efficacy of the formulation should be evaluated against other important fish parasites, and cytotoxicity studies should be conducted to assess its safety.
3. Extracts from arecanut varieties such as Mangala and Samridhi should be utilized for the study, with laboratory-grade arecoline serving as the control.

Remarks: The house approved the continuation of the project for one year.

Technical program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Ethanol extract preparation from CIARI Samridhi and CIARI Mangla arecanut varieties	✓				JPR, AJW
2.	Screening for arecoline content in CIARI Samridhi and CIARI Mangla arecanut varieties		✓			AJW
3.	Antiparasitic efficacy study of both CIARI Samridhi and CIARI Mangla arecanut varieties in comparison with check (Arecoline hydrobromide 98%)			✓	✓	JPR, CR
4.	Cytotoxicity study and product development				✓	JPR

5. Project Title: Mapping the brackish water resources of South Andaman for aquaculture site suitability using GIS approach

PI: R Kiruba Sankar

Co PIs: K Saravanan, and J Praveenraj

Duration: 2022-2026

Project Code: HORTCIARISIL202200500234

Decisions:

1. The project has generated valuable information to support policy decisions on the utilization of inundated water bodies and can serve as a useful foundation for future planning and developmental initiatives.

- Based on the request of the Principal Investigator (PI) and the successful completion of all the project objectives, approval was accorded for closure of the project.

Remarks: The house approved the closure of the project and submission of RPP-III.

New projects proposed

6. Project Title: Population dynamics and sustainability of blood clam (*Tegillarca granosa*) fishery in the Andaman Islands

PI: Dr. Kiruba Sankar R (4)

Co PIs: Dr. Jess Maria Wilson (3), Dr. M. Muruganandam (1), Dr. J. Praveenraj (1), and Shri. D. Karunakaran (1)

Duration: 2026-2029

Project Code: NRMACIARISIL202601400258

Decisions:

- The Principal Investigator (PI) highlighted the emerging demand for blood clam export and emphasized the need to undertake studies on population dynamics to support the formulation of appropriate policy measures for sustainable harvest.
- Sampling studies should be expanded to include fish landing sites, collection centres, and export points to ensure comprehensive coverage and representative data collection.

Remarks: The house approved the project proposal and submission of RPP I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Secondary data collection on Blood clam export, landings, locations, mapping fishing grounds	✓				Kiruba Sankar R, D. Karunakaran
2.	Collection of length-frequency samples of the Blood clam		✓	✓		Kiruba Sankar R, Jess Maria Wilson
3.	Field surveys in South, Middle and North Andaman districts on Clam fishing and naturally occurring locations			✓	✓	M. Muruganandam, J Praveenraj and Kiruba Sankar R

7. Project Title: Nutritional profiling through proximate analysis of economically important fish species from Andaman and Nicobar Islands

PI: Dr. M. Muruganandam (2)

Co PIs: Dr. Jess Maria Wilson (2), Shri. Chittaranjan Raul (1) and Dr. P. A. Bala (1)

Duration: 2026-2029

Project Code: NRMACIARISIL202601500259

Decisions:

1. Sampling should be carried out across all seasons to ensure comprehensive and representative data collection.
2. Nutritional profiling, including fatty acid analysis, should be undertaken for all identified high-value fish species, and relevant findings from similar projects completed by the Fisheries Division should be incorporated into the study.
3. The organoleptic study component may be removed from the present proposal, and Dr. P A Bala may be included as a Co-Principal Investigator (Co-PI) in the project.

Remarks: The house approved the project proposal and submission of RPP I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Screening and selection of fish species from chosen locations/ecosystems for proximate analysis	✓				M. Muruganandam, Chittaranjan Raul
2.	Proximate and fatty acid analysis of selected fish species for profiling of major constituents		✓	✓	✓	Jess Maria Wilson, Chittaranjan Raul M. Muruganandam P. A. Bala
3.	Comparison of major constituents recorded in fish species found on the mainland.		✓	✓	✓	Jess Maria Wilson, M. Muruganandam

8. Project Title: Assessment of aquatic ecosystem health: water quality, sediment dynamics, plankton diversity and freshwater aquaculture potential in the Andaman Islands

PI: Dr. M. Muruganandam (2)

Co PIs: Shri. Chittaranjan Raul (1), Dr. Jess Maria Wilson (1) and Shri. Subam Debroy (1)

Duration: 2026-2029

Project Code: NRMACIARISIL202601600260

Decisions:

1. Both large and small ponds should be selected through random sampling, and the study should be conducted during both the wet and dry seasons to facilitate a comprehensive comparative assessment.
2. Baseline data generated under the previous project on freshwater fishponds should be referred to avoid duplication of work. Where necessary, key parameters may be reassessed for comparison with the earlier datasets.
3. Priority should be given to the most relevant study parameters, and the Fisheries Subject Matter Specialist (SMS) of Krishi Vigyan Kendra (KVK), North and Middle Andaman, may be included as a Co-Principal Investigator (Co-PI) in the project.

Remarks: The house approved the project proposal and submission of RPP I.

Technical Program: 2026-2027

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Primary survey of fishponds and water resources	✓				M. Muruganandam, Chittaranjan Raul
2.	Water sampling and water quality analysis in selected ponds and sites		✓	✓		Chittaranjan Raul M. Muruganandam Shri. Subam Debroy
3.	Plankton and microalgae sampling and analysis in selected ponds and sites		✓	✓	✓	Jess Maria Wilson Chittaranjan Raul

9. Project Title: Standardization of seed production protocols for Blood clam (*Tegillarca granosa*) to foster mariculture enhancement in the Andaman and Nicobar Islands**PI:** Dr. Jess Maria Wilson (4)**Co PIs:** Dr. R. Kiruba Sankar (1), Chittaranjan Raul (1), and M. Muruganandam (1)**Duration:** 2026-2029**Project Code:** NRMACIARISIL202601300257**Decisions:**

1. The nutritional profile of blood clam should be investigated, including its proximate and biochemical composition.
2. The microbial load associated with blood clam samples should be assessed to evaluate their quality and safety.
3. The accumulation of heavy metals and microplastics in blood clam populations from the study area should also be investigated.

Remarks: The house approved the project proposal and submission of RPP I.**Technical Program: 2026-2027**

S. No	Activities	I	II	III	IV	Name of PI/CO-PIs
1.	Field visits and identification of blood clam beds	✓				Jess Maria Wilson Chittaranjan Raul
2.	Monthly sampling and study of blood clam biology	✓	✓			Jess Maria Wilson R. Kiruba Sankar M. Muruganandam
3.	Establishment of microalgae laboratory and nutritional profiling (proximate and biochemical analysis) of blood clam		✓	✓	✓	Jess Maria Wilson Chittaranjan Raul
4.	Establishment of blood clam hatchery facilities		✓	✓	✓	Jess Maria Wilson M. Muruganandam

Concluding Remarks by the Chairman

Dr. Jai Sunder, Director (A), ICAR-Central Island Agricultural Research Institute and Chairman, Institute Research Council (IRC)

In his concluding remarks, Dr. Jai Sunder appreciated the efforts of all Principal Investigators, Co-Principal Investigators, and members of the Council for their active participation and valuable scientific inputs during the deliberations. He observed that the research projects reviewed by the Council addressed several priority areas relevant to the island ecosystem and emphasized the need to maintain scientific rigor, innovation, and relevance in all research activities.

The Chairman reiterated that future research should focus on solving field-level problems faced by farmers, fishers, livestock keepers, and other stakeholders of the Andaman and Nicobar Islands. He stressed the importance of developing practical, scalable, and economically viable technologies that can be effectively transferred to end users. He further advised the scientists to strengthen interdisciplinary collaborations, ensure proper statistical validation of research findings, and document measurable impacts of technologies developed by the Institute.

Dr. Jai Sunder emphasized that the success of research should ultimately be reflected in improved productivity, sustainability, livelihood enhancement, and technology adoption among the farming communities. He urged all investigators to incorporate the recommendations of the Council while implementing and refining their projects and wished them success in their future research endeavours.

Vote of Thanks by the Secretary, IRC

Dr. R. Kiruba Sankar, Senior Scientist and Secretary, Institute Research Council (IRC)

Dr. R. Kiruba Sankar proposed the vote of thanks and expressed his sincere gratitude to Dr. Jai Sunder, Director and Chairman of the Institute Research Council, for his guidance, leadership, and valuable suggestions throughout the proceedings of the meeting. He thanked all the Council members, Principal Investigators, Co-Principal Investigators, scientists, and staff members for their active participation, constructive discussions, and critical evaluation of the research projects and proposals. He acknowledged the valuable contributions made by the members in strengthening the quality and relevance of the Institute's research programmes and noted that the recommendations of the Council would significantly contribute to enhancing the scientific merit and practical utility of the projects. He also appreciated the efforts of the PME Cell and supporting staff for the smooth organization and conduct of the meeting.

MAN-MONTH ALLOCATION SECTION

Institute Research Council (IRC)

Distribution of Scientific Man-Months for Research Projects

ICAR–Central Island Agricultural Research Institute (ICAR-CIARI)

Sri Vijaya Puram – 744105
Andaman & Nicobar Islands

Research Programme: 2026–27

Purpose

This section presents the allocation of scientific man-months among Principal Investigators (PIs), Co-Principal Investigators (Co-PIs), and Associate Scientists for all approved research projects of ICAR-CIARI during the year 2026–27. The allocation has been made based on the approved project activities, roles and responsibilities of scientists, and expected research outputs. The man-month distribution serves as the basis for monitoring scientific contributions, project implementation, and institutional research planning.

S. No	Name of the Scientist	Manmonth	Total
Natural Resource Management			
1.	Dr. I. Jaisankar, Principal Scientist (Agroforestry)	Project-265(02), Project-248 (01), Project-244 (01), Project- 264 (01), Project –DUS (01), Project-CAMPA (01), AICRP Tubercrops (01), AICRP-IFS (01), Training, extension and institutional activities (03)	12
2.	Dr. Abhilash Singh, Scientist (Agricultural Meteorology)	Project-249 (2), Project-247(01), Project-246 (01), Project-262(01), Project-264 (01), Project-MPRNL (01), Project-GKMS (02), Project-CAMPA (01), Training and other extension activities (02)	12
3.	Dr. Arkadeb Mukhopadhyay, Scientist (Agricultural Chemicals)	Project-264 (04), Project-263(02), Project-261 (02), Project-262 (02), Training and other extension activities (02)	12
4.	Dr. Gurunath Raddy, Scientist (Agronomy)	Project-262 (04), Project-265 (01), Project-254 (01), Project-256 (01), Project-247(01), Project-264 (01), Project-233 (01), Project-AICRP-IFS (01), Training and other extension activities (01)	12
5.	Dr. E. K. Saneera, Scientist (Entomology)	Project-261 (05), Project-248 (02), Project-256 (02), Training, extension and RS Minicoy regional station activities (03)	12
Horticulture and crop Improvement			
6.	Dr. Raj Narayan, Head (Vegetable Science)	Project-255 (03), Project-248 (01), Project-263 (01), AICRP-veg (1), Training, extension and institutional activities (6)	12
7.	Dr. Pankaj Kumar Singh, Pr. Scientist & I/c FCIP Section (Plant Breeding)	Project-233 (3), Project-247 (01), Project-249 (01), Project-226 (01), Project-262 (01), Project-AICRP-SEED (02), Project-AICRP-RICE (02), Training and other extension activities (01)	12
8.	Dr. Ajit Arun Waman, Senior Scientist (Spice, Plantation, Medicinal & Aromatic Plants)	Project-226 (02), Project-225 (01), Project-247 (01), Project-239 (01), Project CSS (MIDH) NHM-(02), AICRP-PC (02), AICRP spice (02), Training and other extension activities (01)	12
9.	Dr. Pooja Bohra, Senior Scientist (Fruit Science)	Project-225 (05), Project-226 (02), Project-255 (01), Project-246 (01), Project-256 (01), Project CSS (MIDH) NHM-(01), Training and other extension activities (01)	12
10.	Dr. P. V. Puneeth, Scientist (Vegetable Science)	Project-263 (05), Project-248 (02), Project-264 (02), Project-255 (02), Training and other extension activities (01)	12

11.	Dr. P. Prabhu, Scientist (Economic Botany & Plant Genetic Resources)	Project- 247 (02), Project-248 (02), Project-255 (01), Project-225 (01), Project-233 (01), Project-263 (01), Project-264 (01), Project-CAMPA (01), AICRP Sesame (01), Training and other extension activities (01)	12
Animal Science Division			
12.	Dr. Jai Sunder, Director (A) (Vet Microbiology)	Project 240 (01), Project 250 (01), Project 237 (01), Project 253 (01), foot & mouth (01), epidemiology network (01), AICRP goat (01), institutional works coordination and monitoring (05)	12
13.	Dr. T. Sujatha, Principal Scientist (Poultry Science)	Project-240(01), Project-253(02), Project-256 (01), Project-DST (02), Project – NADCP (Foot-and-Mouth Disease) (01), AINP-(AMR) (01), NADE (01), Training and other extension activities (03)	12
14.	Dr. P. A. Bala, Principal Scientist (Animal Nutrition)	Project 229-(05), Project-259 (01), AICRP-Goat-(03), Training and other extension activities (03)	12
15.	Dr. P. Perumal, Senior Scientist, Animal Reproduction & Gynaecology	Project-266 (03), Project-242 (02), Project-246 (01), AICRP-IFS (01), AICRP-Pig (01), AICRP-Goat (01), Training and other extension activities (03)	12
16.	Dr. K. Muniswamy, Scientist (Animal Biotechnology)	Study leave	-
17.	Dr. Rafeeqe Rahman Alyethodi, Senior Scientist (AGB)	Project-242 (05), Project-266 (02), AICRP-Goat (02), Training and other extension activities (03)	12
18.	Dr. S. Sharath Yeligar, Scientist (Agricultural Economics)	Project-251 (05), Project-255 (03), Project-230 (02), Training and other extension activities (02)	12
19.	Dr. J. Chaithrashree, Scientist (Agricultural Extension)	Project-256 (05), Project-262 (03), Project-264 (02), Training and other extension activities (02)	12
Fisheries Science Division			
20.	Dr. M. Muruganandam, Principal Scientist and Head	Project-260 (02), Project-259 (02), Project-258 (01), Project-257 (01), Training extension activities and institutional works (06)	12
21.	Dr. R. Kiruba Sankar, Senior Scientist (Fish & Fishery Science)	Project-258 (04), Project- 230(01), Project-257 (01), Project-NSPAAD (01), Project-AINP-Mariculture (01), Training and other extension activities (04)	12

22.	Dr J. Praveenraj, Senior Scientist (Fish Health)	Project-239 (03), Project-245 (01), Project-NSPAAD (03), Project-AMR (01), Project-AINP-Mariculture (01), Training and other extension activities (03)	12
23.	Dr. Karunakaran, Scientist (Computer Application in Agriculture)	Project-246 (03), Project-230 (03), Project-258 (01), Training and other extension activities (05)	12
24.	Mr. Chittaranjan Raul, Scientist (Aquaculture)	Project-245 (03), Project 260 (01), Project-259 (01), Project-239 (01), Project-246 (01), Project-257 (01), AMR (01), AINP Mariculture (01), AICRP-IFS (01), Training and other extension activities (01)	12
25.	Dr. Jess Maria Wilson, Scientist (Aquaculture)	Project-257 (04), Project-258 (03), Project-259 (02), Project-260 (01), Project-256 (01), Training and other extension activities (01)	12
KVK, South Andaman			
26.	Dr. Y. Ramakrishna, Pr. Scientist (KVK, SA)	Project-254 (05), Project- 251 (01), Project-262 (1), Project-233 (01), Project-249 (01), Training and other extension activities (03)	12

The following officials were attended the meeting physically

1. Dr. Jai Sunder, Director, ICAR-CIARI
2. Dr. T. Sujatha, Principal Scientist and I/c Head, ASD
3. Dr. Raj Narayan, Principal Scientist and Head, HCIP
4. Dr. M. Muruganandam, Principal Scientist and Head, FSD
5. Dr. P. K. Singh, Principal Scientist and I/c FCIP section
6. Dr. I. Jaisankar, Principal Scientist and I/c Natural Resource Management
7. Dr. Y. Ramakrishna, Pr. Scientist & Head, KVK, South Andaman
8. Dr. P. A. Bala, Pr. Scientist
9. Dr. Ajit Arun Waman, Sr. Scientist
10. Dr. Pooja Bohra, Sr. Scientist
11. Dr. P. Perumal, Sr. Scientist
12. Shri. D. Karunakaran, Scientist
13. Dr. R. R. Alyethodi, Senior Scientist
14. Dr. P. Prabhu, Scientist
15. Dr. J. Praveenraj, Scientist
16. Dr. Abhilash, Scientist
17. Dr. Chittaranjan Raul, Scientist.
18. Dr. S. Yeligar, Scientist
19. Dr. P. V. Puneeth, Scientist
20. Dr. Gurunath Raddy, Scientist
21. Dr. Chaithrashree. J, Scientist
22. Dr. Jess Maria Wilson, Scientist
23. Dr. Arkadeb Mukhopadhyay, Scientist
24. Dr. Z. George, SMS
25. Dr. Pooja Kapoor, SMS
26. Dr. Mohit, SMS
27. Dr. R. Kiruba Sankar, Sr. Scientist & Member Secretary, IRC

The following scientist & other officials joined the meeting virtually

1. Dr. E. K. Saneera, Scientist, RS Minicoy
2. Dr. Santosh Kumar, Head KVK Nicobar
3. Er. Manoj Kumar, SMS
4. Shri. Yatharth Sharma, SMS
5. Shri. Rakesh Dawar, SMS
6. Dr. Akshay, SMS
7. Shri. Deepo Meena, SMS
8. Shri. Ajmal. S, SMS
9. Shri. Sanketh. G. D, SMS



Dr Kiruba Sankar R
Member Secretary, IRC 2026

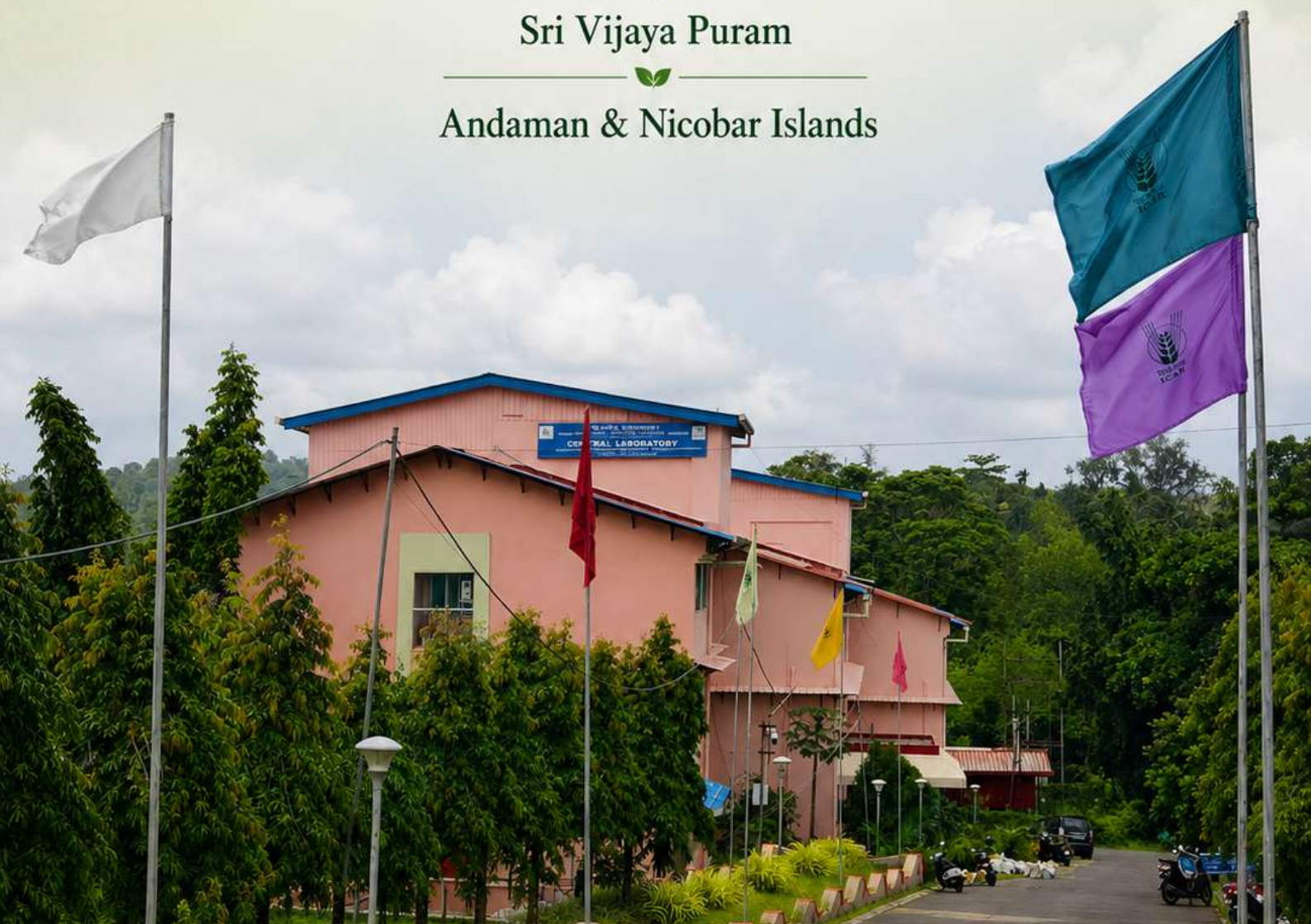


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