



INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Dr. Rajendra Prasad Road, Krishi Bhavan, New Delhi 110 001

F.No.23(6)/2026-Cdn (Tech.)

Dated: 21st July 2026

Sub: Priority Theme Areas for Organizing the National/International Conferences/Seminars/ Symposia for FY 2026-2027.

The Secretary (DARE) & Director General, ICAR and Chairman of the Standing Committee has been pleased to approve the Priority Theme Areas for organizing the National/ International Conferences/Seminars/ Symposia etc., for FY 2026-2027 (list enclosed).

The organizers may submit their duly filled application form for seeking financial grant for organizing National/International Conference /Symposia/ Seminar etc., *on the themes approved by the Council only with immediate effect and acceptance of proposals other than Priority Theme Areas* will not be entertained.

All the Subject Matter Divisions (SMDs) are requested to circulate the approved list to the Institutes/ Universities/ Societies etc. under their respective division.


(Anil Kumar)

Assistant Director General (Coordination)

Distribution: -

1. All DDGs/ ICAR Institutes/ Universities/ Societies etc.
2. PD, DKMA for uploading on ICAR website.

Copy to:-

1. Sr PPS to Secretary (DARE) & DG, ICAR
2. PPS to Additional Secretary (DARE/ICAR)
3. PPS to AS&FA (DARE/ICAR)



भारतीय कृषि अनुसंधान परिषद
डॉ. राजेंद्र प्रसाद रोड, कृषि भवन, नई दिल्ली 110 001

फ़ाइल संख्या 23(6)/2026-समन्वय (तकनीक)

दिनांक 21 जुलाई 2026

विषय: वित्तीय वर्ष 2026-2027 के लिए राष्ट्रीय/अंतर्राष्ट्रीय सम्मेलनों/सेमिनार/संगोष्ठी के आयोजन के लिए प्रायोरिटी थीम एरियाज़ (Priority Theme Areas)।

सचिव (डेयर) और महानिदेशक, भा.कृ.अनु.प और स्थायी समिति के अध्यक्ष ने राष्ट्रीय/अंतर्राष्ट्रीय सम्मेलनों/ सेमिनार/ संगोष्ठी के आयोजन के लिए प्रायोरिटी थीम एरियाज़ (Priority Theme Areas) को मंजूरी दी है (कॉपी संलग्न है)।

परिषद, वित्तीय अनुदान करने के लिए केवल उन प्रस्तावों पर ही विचार करेगी, जो अनुमोदित प्रायोरिटी थीम एरियाज़ पर आधारित होंगे।

समस्त एसएमडीज़ (SMDs) से अनुरोध किया जाता है कि वे अपने संबंधित प्रभाग के तहत संस्थानों/ विश्वविद्यालयों इत्यादि को अनुमोदित सूची प्रसारित करें।

(अनिल कुमार)
सहायक महानिदेशक (समन्वय)

वितरण: -

१. सभी उप महानिदेशक/ भा.कृ.अनु.प. संस्थान/ विश्वविद्यालय आदि।
२. प्रोजेक्ट डायरेक्टर, डी के एम ए, भा.कृ.अनु.प- वेबसाइट पर अपलोड करने हेतु।

प्रतिलिपि:

- (i) सचिव (डेयर) और महानिदेशक, भा.कृ.अनु.प के वरिष्ठ निजी सचिव।
- (ii) अपर सचिव(डेयर) और सचिव, भा.कृ.अनु.प. के प्रधान निजी सचिव।
- (iii) अपर सचिव एवं वित्तीय सलाहकार, डेयर/भा.कृ.अनु.प. के धान निजी सचिव।

Priority theme areas for organizing the National/ International Conferences/Seminars/ Symposia for FY 2026-2027

(I) Crop Science (19)

1. Climate-resilient crop production for food, nutrition and livelihood security
2. Next-generation seed systems: quality seed, digital traceability and faster varietal replacement
3. Genome editing and precision breeding for climate resilience, productivity and quality traits
4. AI, machine learning and digital phenotyping for predictive breeding and accelerated genetic gains
5. Pulses for Nutrition, Soil Health and Climate-Resilient Livelihoods
6. Oilseeds for Atmanirbhar Bharat: Enhancing Productivity, Quality and Value Chains
7. Millets and nutri-cereals for nutritional security, climate-smart farming and enterprise development
8. Sustainable rice systems: direct seeded rice, low-methane rice, water saving and climate adaptation
9. Maize, sorghum and other industrial crops for bioethanol, feed, food and green economy
10. Climate-Smart Cotton Production: Enhancing Productivity, Fibre Quality and Pest Resilience
11. Natural Fibre Crops: Genetic Improvement, Sustainable Production and Fibre Quality Enhancement
12. Genetic Improvement of Crops for Rainfed, Dryland and Marginal Ecologies
13. Resource-Use Efficient Crop Varieties for Enhancing Productivity, Profitability and Climate Resilience
14. Structural, functional and translational genomics for crop improvement and stress management
15. Smart plant protection: AI-enabled pest surveillance, bio-intensive IPM and pollinator-friendly agriculture
16. Pesticide residue management, food safety, export compliance and risk-based regulation
17. Germplasm, trait discovery and pre-breeding for future-ready crops under changing climate
18. Breeding for Nutrient use efficiency
19. Enhancing Cotton Productivity

(II) Horticultural Science Division, ICAR (08)

1. Leveraging cutting-edge Sciences in Promoting Climate Resilience in Horticultural crops
2. Horticulture for crop diversification, nutritional security and sustainability
3. Shaping the future of horticulture through climate smart practices
4. Peri-urban Horticulture and High Value horticultural Crops
5. Emerging Challenges in Pest and Disease management in changing climate regime and Research Priorities
6. Challenges and advances in breeding of horticultural crops
7. Advances in Post-harvest management technologies and value chain development in Horticultural crops

8. Digital Innovation & Environmental Resilience in horticulture

(III) Natural Resource Management (09)

1. Nature-Positive Farming and Ecosystem Restoration for Sustainable Agri-Food Systems
2. Climate-Resilient Natural Resource Management and Net-Zero Agriculture
3. Water Security, Watershed Management and Smart Irrigation under Climate Change
4. Digital Agriculture, Artificial Intelligence and Earth Observation for Natural Resource Management
5. Soil Health, Carbon Sequestration and Nutrient Stewardship for Sustainable Agriculture
6. Restoration and Sustainable Management of Degraded, Fragile and Challenged Ecosystems
7. Integrated Farming Systems, Agroforestry and Circular Bioeconomy for Rural Prosperity
8. Transforming Agri-Food Systems through Resource-Efficient, Climate-Smart and Resilient Innovations
9. Fertilizer Atamanirbharta & Nutrient Sovereignty

(IV) Animal Science Division (36)

Animal Genetics & Breeding

1. Genomics selection and precision breeding in livestock
2. Indigenous breeds conservation and improvement
3. Biotechnological interventions in animal breeding
4. Genetic improvement for climate resilience and disease resistance
5. Reproductive biotechnology and assisted reproduction
6. Cloning, gene editing, sex sorted semen for livestock and poultry improvement

Animal Nutrition & Feed Resources

7. Innovative feed resources, fodder security and nutritional strategies for enhanced productivity
8. Circular economy in animal feeding and management
9. Low-carbon/ net zero livestock production and environmental sustainability
10. Greenhouse gas emissions from livestock: Challenges and mitigation
11. Carbon footprint assessment in dairy and poultry sectors
12. Precision feeding, alternate feed resources, valorisation of agro-industrial wastes

Animal Health & One Health

13. Emerging and re-emerging pathogens in livestock and poultry
14. Biosecurity and surveillance of transboundary animal diseases (TADs) for safe food production from poultry and livestock
15. One Health innovations in livestock and poultry sector
16. Antimicrobial Resistance (AMR) in animal production
17. Vaccine innovations and disease diagnostics
18. Zoonotic disease control and measures

Livestock Production & Management

19. Innovations in livestock and poultry sector for Viksit Bharat @2047
20. Livestock and poultry production for Sustainable Development Goals (SDGs)

21. Precision livestock farming and smart technologies
22. Integrated livestock farming systems for food and livelihood security
23. Backyard livestock/ poultry development for empowering underprivileged people
24. Animal welfare vis a vis productivity enhancement through advanced and cutting edge technologies
25. Artificial Intelligence, robotics and automation in dairy and poultry farms

Dairy/ meat Science & Technology

26. Future of dairy/ meat sector: innovation and sustainability
27. Clean milk production and dairy value chain development
28. Safe meat production for domestic and global market
29. Functional dairy/ meat products and nutraceuticals production
30. Automation and digitalization in dairy/ meat industry
31. Dairy waste management and circular economy

Poultry Science

32. Sustainable poultry production for nutritional security
33. Antibiotic-free poultry production systems
34. Advances in poultry nutrition and health
35. Precision poultry farming and value added products
36. Indigenous poultry germplasm and rural poultry development

(V) Fisheries Science Division (05)

1. Species diversification, intensification and automation in aquaculture systems.
2. Computational innovations & space technology in stock assessment for sustainable fisheries management.
3. Amalgamating student and entrepreneurs for impactful research.
4. Green energy refrigeration of fish and fishery products.
5. Cutting-edge areas of Science – Genomics, Genome editing, Surrogation

(VI) Agricultural Engineering Division (16)

National/International Conference/Seminar/brainstorming on :

1. Enhancing Farm Mechanization level of India to 75% by 2047
2. Production, processing and value addition on new age natural fibres.
3. Circular Economy through Secondary Agriculture for Achieving Viksit Bharat 2047.
4. Insect-based Biorefinery System for Valorization of Agri-horticultural Co-products.
5. NextGen Post-Harvest: Leveraging Industry 4.0 for a Resilient Agri-Food Ecosystem.
6. Digital Harvest: Industry 4.0 Pathways to a Resilient Post-Harvest Future.
7. Industry 4.0 and Beyond: Shaping Resilient Post-Harvest Systems.
8. Waste to Wealth: Unlocking Value from Food Waste through Circular Economy Innovations.
9. Entrepreneurship development in Processing and Value Addition.
10. Next Generation Agricultural Structures.
11. Innovations in Plastic Engineering for Agricultural Structures and Environmental Management.
12. Plastic-Based Technologies for Post-Harvest Management, Storage, Packaging and Value Chain Development.
13. Climate-Resilient Agricultural Structures for Sustainable and Resource-Efficient Agriculture.

14. Climate-Resilient Production Technologies, Mechanization and Sustainable Resource Management in Makhana and Other Economic Aquatic Crops.
15. Processing, Value Addition, Quality Assurance, Entrepreneurship Development and Export Promotion of Makhana and Aquatic Crop-Based Enterprises.
16. Data Eco-system & Data driven decisions

Agricultural Extension (08)

1. Digital extension and Viksit Krishi perspectives
2. KVKs' role in entrepreneurship development to achieve Viksit Krishi
3. Livelihood resilience in face of multiple stresses
4. Human dimensions of climate change and agricultural sustainability
5. Knowledge co-production for sustainable agriculture
6. Socio-economic policies on promotion/transfer of technologies to achieve resilience for Viksit Krishi
7. Gender in Agri-Food System
8. Science of delivery

Agricultural Education Division (10)

1. Future-Ready Agricultural Education for Viksit Bharat @2047
2. Human Capital Development and Leadership in Agriculture
3. Artificial Intelligence, Digital Agriculture and Emerging Technologies in Education
4. Knowledge Economy, Innovation and Agri-Entrepreneurship
5. NEP 2020 Implementation and Academic Reforms in Agricultural Universities
6. Indian Knowledge Systems (IKS), Sustainable Agriculture and Nature-Based Solutions
7. Climate-Smart Agriculture, One Health and Food Systems Transformation
8. Global Competencies, Internationalization and Agricultural Education Diplomacy
9. Skill Development, Experiential Learning and Employability Enhancement
10. Data-Driven Governance, Institutional Excellence and Quality Assurance in NARES.