<u>Division-wise list showing Essential qualifications (i) of positions of Directors/Project Directors of ICAR</u> <u>Research Institutes on the basis of which previous selection was made along with mandate of the respective Institutes.</u>

Designation	Name of Institute	Mandate of Institute	Previous Qualifications
		CROP SCIENCE DIVISION	
Director	CICR, Nagpur	 Basic strategic and adaptive research on production, protection, fibre quality and by products of cotton. Creation of new genetic variability for location-specific adoption in cotton-based cropping systems. Coordination and monitoring of applied research on national and regional issues to develop improved varieties and technologies. Dissemination of technologies and capacity building 	Doctoral degree in any branch of Agricultural Sciences including relevant basic sciences.
Director	CRIJAF, Barrackpore	 Basic and strategic research on improvement of jute and allied fibre crops, biotic and abiotic stresses, yield and quality. Development of economically viable and sustainable production technology, cropping systems and post-harvest technology. Coordination and monitoring of applied research on national and regional issues to develop improved varieties and technologies. Dissemination of technologies and capacity building 	Agricultural Sciences including relevant basic sciences.
Director	CTRI, Rajahmundry	 Basic and strategic research on domestic and exportable types of tobacco, improvement in quality and value added products. Coordination of tobacco research and developing alternate usage of tobacco. 	Doctoral degree in any discipline of Agricultural Science including relevant basic sciences.

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		 Identification of alternative crops/cropping systems for tobacco growing regions of the country Dissemination of technologies and capacity building 	
Director	DGR, Junagarh	 Basic, strategic and adaptive research on groundnut to improve productivity and quality. Provide access to information, knowledge and genetic material to develop suitable varieties and technologies. Coordination of applied research to develop location specific varieties and technologies. Dissemination of technology and capacity building 	Doctoral degree in any discipline of Crop Sciences including relevant basic sciences.
Director	DRMR, Bharatpur	 Basic, strategic and adaptive research on rapeseed mustard to improve productivity and quality. Provide equitable access to information, knowledge and genetic material to develop improved varieties and technologies. Coordination of applied research to develop location specific varieties and technologies. Technology dissemination and capacity building 	Doctoral degree in any discipline of Crop Sciences including relevant basic sciences
Director	IIRR, Hyderabad (Rice Res.)	 Basic and strategic research for enhancing rice productivity under irrigated ecosystem. Coordination of multi-location testing to develop location specific varieties and technologies for various ecosystems. Dissemination of technologies, capacity building and establishing linkages 	Doctoral degree in any branch of Agricultural Sciences including relevant basic sciences.
Director	IISS, Mau (DSR - Seed Res.)	 Basic, strategic and anticipatory research in seed science and technology Coordination of seed production and seed technology research Capacity building in the field of seed production, testing, quality assurance, certification and policy issues. 	Doctoral degree in any branch of Agricultural Science preferably in Seed Technology/ Plant Breeding & Genetics or related subject including relevant basic sciences.

Director	IIMR, Hyderabad (DSR, Hyd.)	 Basic and strategic research to increase productivity of millets and their diversified utilization for enhancement of profitability. Coordination and development of improved crop production and protection technologies of millets Training and consultancy on millet production and utilization. Dissemination of technologies and capacity building. 	
Director	IISR, Indore (DSR- Soyabean)	 Basic, strategic and adaptive research on soybean for improving productivity and quality. Provide access to information, knowledge and genetic material to develop improved technology and enhance soybean production. Coordination of applied research to develop location specific varieties and technologies. Dissemination of technology and capacity building 	Doctoral degree in any discipline of Crop Sciences including relevant basic sciences.
Director	IGFRI, Jhansi	 Basic, strategic and adaptive research on improvement, production and utilization of fodder crops and grasslands. Coordination of research on forages and grasslands for enhancing productivity and quality for enhancing livestock productivity. Technology dissemination and human resource development 	Doctoral degree in any branch of Agricultural Sciences including relevant basic sciences.
Director	IIPR, Kanpur	 Basic and strategic research on pulses to improve productivity and quality. Provide equitable access to information, knowledge and genetic material and enhance pulse production. Coordination and monitoring of applied research on national and regional issues to develop improved varieties and technologies. Technology dissemination and capacity building. 	Doctoral degree in any discipline of Crop Science including relevant basic sciences.

Director	NBAIM, Mau	 Collection, characterization, documentation, conservation, bioprospecting research and utilization of agriculturally important microbial resources. Capacity building, on microbial genetic resources, coordination, management and development of potential issues for exchange of agriculturally important microbes. Dissemination of technologies and forging linkages with stake holders 	Doctoral degree in branches of Agricultural Sciences or Botany related to disciplines of Microbiology/ Mycology & Plant Pathology including relevant basic sciences.
Director	NCIPM, New Delhi	 Information and Communications Technology (ICT) based surveillance, monitoring of pest population, research and promotion of pest smart IPM technologies for major crops On farm validation of IPM technologies, forging linkages with commodity based crop research Institutes, AICRP/ AINP and capacity building 	Doctoral degree in Plant Pathology, entomology or any other discipline of Plant Protection with specialization in Biological Control and Integrated Pest Management.
Director	NRCPB, New Delhi	 Basic plant molecular biology research for understanding molecular basis of biological processes. Coordination and capacity building for devising tools and techniques of biotechnology and genetic engineering for crop improvement 	Doctoral degree in Plant Biotechnology/ Molecular biology/ Biochemistry/ Genetics/ Plant Breeding/ Botany including relevant basic sciences.
Director	SBI, Coimbatore	Basic and strategic research on crop improvement, production and protection aspects of sugarcane Collection, maintenance, evaluation, documentation and conservation of genetic resources of sugarcane / Saccharum species Dissemination of technologies and capacity building	Doctoral degree in any discipline of Agricultural Science including relevant basic sciences.
Director	VPKAS, Almora	Basic, strategic and adaptive research for improving productivity and quality of important hill crops with emphasis on conservation and efficient utilization of natural resources Development of post-harvest technologies for value addition Dissemination of technology and capacity building on hill agriculture	Doctoral degree in any branch of Agricultural Science including relevant basic sciences.

Project Director	WTC-IARI, New Delhi	 Basic, strategic and anticipatory research in field and horticultural crops for enhanced productivity and quality Research in frontier areas to develop resource use efficient integrated crop management technologies for sustainable agricultural production system. Serve as centre for academic excellence in the areas of post-graduate and human resources development in agricultural sciences. Provide national leadership in agricultural research, education, extension and technology assessment and transfer by developing new concepts and approaches and serving as a national referral point for quality and standards. HORTICULTURAL SCIENCE DIVISION 	Doctoral degree in Agricultural Engineering/ Agronomy/ Soil Science and other allied disciplines related to Water Management including relevant basic science.
Director	CISH, Lucknow	Basic, strategic and applied research to enhance sustainable productivity, quality and utilization of subtropical horticultural crops Repository of subtropical horticultural crop genetic resources and scientific information. Transfer of technology, capacity building and impact assessment of technologies	Doctoral degree in any branch of Agricultural/ Horticultural Sciences including relevant basic sciences.
Director	CIARI, Port Blair	 Basic and adaptive research on conservation of diversity and sustainable production of crops, animals, poultry and fisheries in Island ecosystem. Transfer of Technology and capacity building of stakeholders in Island ecosystem. Nodal centre for biosecurity and containment facility on plants and animals for Island and mainland ecosystem. 	Doctoral degree in Agriculture/ Horticulture/Animal Science/ Fisheries Science including relevant basic science.
Director	CPCRI, Kasaragod	 Basic, strategic and applied research to enhance sustainable productivity, quality and utilization of coconut, arecanut and cocoa. 	Doctoral degree in any discipline of Agriculture/ Horticulture including relevant basic sciences.

		 Repository of plantation crops genetic resources and scientific information. Transfer of technology, capacity building and impact assessment of technologies. Coordinate research and validation of technologies on plantation crops through AICRP on Palms 	
Director	CPRI, Shimla	 Basic, strategic and applied research to enhance sustainable productivity, quality and utilization of potato. Repository of genetic resources and scientific information on potato. Transfer of technology, capacity building and impact assessment of technologies. Disease-free nucleus and breeder seed potato production. Coordinate research and validation of technologies through AICRP on potato 	Doctoral degree in Horticulture and allied disciplines of Agricultural Sciences including relevant basic science.
Director	DCR, Puttur (Cashew)	 Basic, strategic and applied research on genetic resource management, enhanced productivity and utilization of cashew. Transfer of Technology and capacity building of stakeholders for enhanced productivity of cashew. Coordinate research and validation of technologies through AICRP on Cashew 	Doctoral degree in Horticulture/ Plantation Corps or related discipline including relevant basic sciences.
Director	DFR, Pune	 Basic, strategic and applied research to enhance sustainable productivity, quality and utilization of ornamental crops. Repository of genetic resources and scientific information on ornamental crops. Transfer of technology, capacity building and impact assessment of technologies. Coordinate research and validation of technologies through AICRP on Floriculture 	Doctoral degree in any discipline of Horticulture/ Botany including relevant basic sciences.

Director	DMAPR, Anand	 Basic, strategic and applied research to enhance sustainable productivity, quality and utilization of ornamental crops. Repository of genetic resources and scientific information on ornamental crops. Transfer of technology, capacity building and impact assessment of technologies. Coordinate research and validation of technologies through AICRP on Floriculture 	Doctoral degree in any branch of Agriculture / Horticulture including relevant basic sciences.
Director	DMR, Solan	Strategic and applied research on collection, conservation, utilization and production of edible and medicinal mushroom. Transfer of Technology and capacity building of stakeholders for spawn production. Coordination of network research for validation and evaluation of specific technologies through AICRP on Mushroom to enhance productivity	Doctoral degree in mycology/plant pathology/Microbiology or allied subject including relevant basic sciences.
Director	IIHR, Bangalore	 Basic, strategic and applied research to enhance sustainable productivity, quality and utilization of horticultural crops. Repository of horticultural genetic resources and scientific information. Transfer of technology, capacity building and impact assessment of technologies. Human resource development and education. 	Doctoral degree in any branch of Agriculture/Horticulture including relevant basic sciences with specialization in Horticultural crops.
Director	IIOPR, Pedavegi	 Basic, strategic and applied research on genetic resource management, crop improvement and production technologies for enhancing productivity of oil palm. Transfer of technologies and capacity building of stakeholders for increasing production of oil palm 	Doctoral degree in any branch of Agricultural/Horticultural Sciences including relevant basic sciences.
Director	IIVR, Varanasi	Basic, strategic and applied research to enhance and sustain productivity, monitor quality and utilization of vegetable crops.	Doctoral degree in any branch of Agriculture/ Horticulture including relevant basic sciences.

	(Repository of vegetable crops genetic resources and scientific information. Transfer of technology, capacity building and impact assessment of technologies. Coordinate research and validation of technologies under AICRP on vegetable Crops 	
Director	NRC for Citrus, Nagpur	 Basic, strategic and applied research on crop improvement, sustaining productivity, crop protection and utilization of citrus. Repository for genetic resources and scientific information on citrus. Nodal centre for training, quarantine, certification and supply of disease-free planting material of citrus. 	Doctoral degree in any branch of Agriculture / Horticulture including relevant basic sciences with specialization in Horticultural Crops.
Director	NRC for Grapes, Pune	 Strategic and applied research on safe grape production and productivity. Transfer of technology and capacity building of stakeholders for enhanced and sustained production of grapes. National Referral Laboratory for Food Safety and Pesticide residue in fruits 	Doctoral degree in any branch of Agriculture / Horticulture including relevant basic sciences with specialization in Horticultural Crops.
Director	NRC for Litchi, Muzaffarpur	 Applied and strategic research on genetic resources and production technologies for enhanced, sustained and safe production of litchi. Transfer of technology and capacity building of stakeholders for enhancing and sustaining productivity of litchi. 	Doctoral degree in any branch of Agricultural/Horticultural Sciences including relevant basic sciences.
Director	NRC for Orchids, Pakyong	 Applied and strategic research on conservation, improvement and culture of orchids for enhancing productivity and utilization. Transfer of technology and capacity building of stakeholders for enhancing and sustaining productivity of orchids. 	Doctoral degree in Agriculture/ Horticulture or allied Sciences including relevant basic sciences.

	NRC on Pomegranate, Sholapur	 Basic, strategic and applied research on genetic resource management, crop improvement, production and protection technology for enhanced and sustained productivity of pomegranate. Transfer of technology and capacity building of stakeholders for enhancing and sustaining productivity of pomegranate. ANIMAL SCIENCE DIVISION 	Doctoral degree in Agriculture/ Horticulture or allied Sciences including relevant basic sciences.
		AMMAL SCIENCE DIVISION	
		 Basic and applied research on productivity enhancement for sustainable production in diverse avian species. Human resource development and capacity building 	Doctoral degree in any branch of Veterinary Science/Animal Science including relevant basic sciences.
Director	CIRB, Hisar	 Basic and strategic research for enhancing technology development on all aspects of buffalo productivity Information repository and dissemination of buffalo products technologies. 	Doctoral degree in any branch of Animal/ Veterinary Science including relevant basic sciences.
Director	CIRC, Meerut	 Basic and strategic research on productivity and production enhancement of cattle including indigenous Cattle Dissemination of scientific information and technology for cattle production management 	Doctoral degree in any branch of Animal Breeding & Genetics/ Animal Nutrition/ Animal Physiology/ Animal Reproduction/ Livestock Production Management including relevant basic science
	CIRG, Makhdoom	 Research for improving meat, milk and fiber production of goats. Dissemination of technologies for goat production 	Doctoral degree in any branch of Veterinary Science/Animal Science including relevant basic sciences.
	CSWRI, Avikanagar	 Basic and applied research on sheep husbandry. Dissemination of technologies for sheep productivity enhancement and management 	Doctoral degree in any branch of Veterinary Science/ Animal Science including relevant basic sciences.
	DPR (Poultry), Hyderabad	• Basic and applied research to enhance productivity of poultry.	Doctoral degree in any branch of Veterinary Science/Animal

		Development of new germplasm for rural poultry husbandry Capacity building	Science/Poultry Science including relevant basic science.
Director	IVRI, Izatanagar	 Basic and strategic research for improvement of animal health for enhanced productivity. Human resource development, imparting undergraduate and post-graduate education. Dissemination of livestock production and health technologies 	branch/discipline of Veterinary Science/Animal Science including relevant basic science.
Director	NBAGR, Karnal	 Identification, evaluation, characterization, conservation and sustainable utilization of livestock and poultry genetic resources. Co-ordination and capacity building in animal genetic resources management and policy issues. 	Doctoral degree in Animal Breeding/ Animal Genetics/ Animal Biotechnology including relevant basic science.
Director	NDRI, Karnal	 Research in the areas of Dairy Production, Processing and Marketing. Human Resource Development in Dairy sector. Dissemination of innovative dairy technologies 	Doctoral degree in any branch of Diary Science/ Veterinary Science/ Animal Science including relevant basic sciences.
Director	NIANP, Bangalore	 Basic and strategic research on physiology and nutrition for efficient livestock production. Capacity development in Animal Nutrition & Physiology 	Doctoral degree in Animal Physiology/Animal Nutrition including relevant basic sciences.
Director	NIHSAD, Bhopal (HSADL)	 Basic and strategic research on exotic, emerging and re-emerging animal diseases Bio risk management and capacity building in areas of biosafety, biosecurity and bio containment for handling high risk pathogens. 	Virology/ Veterinary Immunology/ Veterinary Bacteriology/ Veterinary Pathology, Veterinary/Animal Biotechnology and Veterinary Epidemology including relevant basic science.
Director	NRC on Equines, Hisar	 Basic and strategic research on equine health and production. To provide advisory and consultancy services and capacity development 	Doctoral degree in Veterinary Microbiology / Veterinary Virology / Veterinary Pathology / Veterinary Medicine / Veterinary Public Health / Veterinary Parasitology / Veterinary

			Biotechnology / Animal Science including relevant basic sciences.
Director	NRC on Camel, Bikaner	 Basic and applied research for improvement of camel health and production. Information repository on camel research and development of camel eco-tourism 	Doctoral degree in any branch of Veterinary/Animal Science including relevant basic sciences.
Director	NRC on Meat, Hyderabad	 Basic and applied research in meat science and technology for meat production, processing, value addition and utilization. Capacity development for different levels of personnel in meat sector. National repository of information in meat and allied sectors 	
Director	NRC on Mithun, Jharnapani	• Identification, conservation, characterization and evaluation of Mithun germplasm Improvement of Mithun for meat and milk. Repository of information on Mithun.	Doctoral degree in any branch of Veterinary/Animal Science as related to Animal Production including relevant basic sciences.
Director	NRC on Pig, Guwahati	 Basic and applied research for enhancing pig production. Repository of information on pig production Capacity building 	
Director	NRC on Yak, Dirang	 Identification, conservation, characterization and evaluation of Yak germplasm Improvement of yak for draught and milk. 	Doctoral degree in any discipline of Veterinary Science/Animal Science.
Director	PDFMD, Mukteshwar	 Surveillance, epidemiology through systematic monitoring of antigencity and genomic make of FMD virus strains. Repository and capacity development 	Doctoral degree in Veterinary Microbiology - Bacteriology/ Virology including relevant basic science.
		NRM DIVISION	
Director	CAFRI, Jhansi	 Develop sustainable agroforestry practices for farms, marginal land and wastelands in different agro climatic zones of India. 	Doctoral degree in any branch of Agricultural Sciences including relevant basic sciences.

		 Coordinate network research for identifying agroforestry technologies for inter-region. Training in agroforestry research for ecosystem analysis. Transfer of agroforestry technology in various agro climatic zones. 	
Director	CAZRI, Jodhpur	 Basic and applied research on sustainable farming systems in the arid ecosystem. Repository of information on the state of natural resources and desertification processes. Livestock-based farming systems and range management practices for the chronically drought-affected areas. Generating and transferring location specific technologies 	Doctoral degree in any branch of Agricultural Sciences including relevant basic sciences.
Director	CRIDA, Hyderabad	 Basic and applied research for sustainable and climate resilient agriculture in rainfed areas Co-ordinate network research for generating location-specific technologies in rainfed areas Centre for capacity enhancement in natural resource management in drylands 	Doctoral degree in any branch of Agricultural and related subject including relevant basic sciences.
Director	IIWM, Bhubaneswar	 Strategies for efficient management of on-farm water resources for sustainable agricultural productivity. Coordinate research for generating location-specific technologies for efficient use of water resources. Centre for training in agricultural water management 	Doctoral degree in soils/ agronomy/ Agricultural Engineering and allied subject including relevant basic sciences.
Director	DWSR, Jabalpur	 Conduct weed management research for developing viable technologies for different agro-ecological regions Coordinate the network research and to provide training in weed management in agricultural systems Repository of information in weed science and act as a centre for training in weed management 	Doctoral degree in Agricultural Sciences including relevant basic sciences.
Director	IISWC, Dehradun	 Research for management of land degradation in a primary production systems and rehabilitation of 	Doctoral degree in any branch of Agricultural or related disciplines with specialization in Soil & Water

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			degraded lands in different agro-ecological regions of the country Co-ordinate research network for developing location-specific technologies in the area of soil and water conservation Centre for training in research methodologies and updated technology in soil and water conservation and watershed management	Conservation including relevant basic sciences.
Director	ICAR RC for NEH Region Umiam	•	Develop and improve sustainable farming systems for different agro climatic and socio- economic conditions of NEH region, including organic agriculture. Improve crops, horticulture, livestock and fishery and to impart training for development of local competence for efficient management of resources. Collaborate with State Departments for testing and promotion of improved farming technologies	Doctoral degree in Agricultural Sciences/ Animal Sciences/ Veterinary Sciences.
Director	ICAR RC for Eastern Region, Patna	•	Strategic and adaptive research for efficient integrated management of natural resources to enhance productivity of agricultural production systems in eastern region Transform low productivity-high potential eastern region into high productivity region for food, nutritional and livelihood security Utilization of seasonally waterlogged and perennial water bodies for multiple uses of water Promote network and consortia research in the eastern region	Doctoral degree in the field of Soils/ Agronomy/ Agricultural Engineering (Soil and Water Engineering) / Horticulture/ Crop Science/ Animal/ Fishery Sciences including relevant basic sciences.
Director	CCARI, Goa	•	Researches on field and horticultural crops, livestock, and fisheries relevant to natural resource base of coastal India for sustainable productivity Develop climate resilient land use and farming systems for improved and sustainable livelihood through coastal agriculture. • Act as a centre of agro-eco-tourism	Doctoral degree in the discipline of Agricultural Sciences including relevant basic sciences.
Director	IIFSR, Modipuram	•	Research in integrated farming systems on production technologies for improving productivity and resource use efficiencies. Develop efficient, economically viable and environmentally sustainable integrated farming system models for different farming situations.	Doctoral degree in Agronomy and allied disciplines including relevant basic sciences.

Director	IISS, Bhopal	 On-farm testing, verification and refinement of system-based farm production technologies. Coordinate and monitor integrated farming systems research in the country. Basic and strategic research on physical, chemical and 	Doctoral degree in any discipline of	
		 biological processes in soils related to management of nutrients, water and energy. Advanced technologies for sustainable soil health and quality. Coordinate the network research with State Agricultural Universities, National, International and other Research Organizations 	Soil Science or Agrl. Chemistry/Physics including relevant basic sciences.	
Director	NBSS&LUP, Nagpur	Soil survey and mapping in the country to promote scientific land use planning Research, training and education in pedology and land use planning	Doctoral degree in Soil Science/ Agricultural Chemistry or any relevant field including relevant basic sciences.	
		AGRICULTURAL EXTENSION DIVISION		
Director	ATARI, Ludhiana	• Coordination and monitoring of technology application and Frontline Extension Education		
Director	ATARI, Barapani	Programs Strengthening Agricultural Extension Research and	Doctoral degree in any branch of	
Director	ATARI, Kanpur	Knowledge Management	Agricultural Sciences including relevant basic sciences.	
Director	ATARI, Hyderabad			
Director	ATARI, Jodhpur			
Director	ATARI, Jabalpur			
Director	ATARI, Bangalore			
,	FISHERIES SCIENCE DIVISION			

Director	CIBA, Chennai	 Basic and strategic research for sustainable brackishwater culture systems. Species and systems diversification in Brackishwater aquaculture. Act as repository of information on brackishwater fishery resources with a systematic database. Human Resource Development, capacity building and skill development through training, education and extension 	Doctoral degree in Zoology/ Fisheries Science/ Marine Biology/Aquatic Ecology/ Biotechnology/ Genetics/ Nutrition/ Pathology/ Biochemistry/ Physiology, applied to fisheries or related aspects including relevant basic sciences.
Director	CIFT, Cochin	 Basic and strategic research in fishing and processing Design and Develop energy efficient fishing systems for responsible fishing and sustainable management. Development of implements and machinery for fishing and fish processing. Human Resource Development through training, education and extension 	Doctoral degree in Fisheries Technology/Fisheries Science/ Marine Biology/ Aquatic Biology & Fisheries/Zoology/ Microbiology/Bio-chemistry/ Bio- technology/Mechanical Engineering applied to fishery, fish processing and related aspects including relevant basic sciences.
Director	CIFA, Bhubaneswar	 Basic and strategic research for the development of sustainable culture systems for freshwater finfish and shellfish. Species and systems diversification in freshwater aquaculture. Human Resource Development through training, education and extension 	
Director	CMFRI, Cochin	 Monitor and assess the marine fisheries resources of the Exclusive Economic Zone including the impact of climate and anthropogenic activity and develop sustainable fishery management plans. Basic and strategic research in mariculture to enhance production Act as a repository of geospatial information on marine fishery resources and habitats 	Doctoral degree in Fisheries Science/Aquaculture or Marine Biology/ Oceanography/Zoology with specialization in Fisheries Sciences /Aquatic Biology and Fisheries or related subjects including relevant basic sciences.

Director	DCFR, Bhimtal	 Consultancy services; and human resource development through training, education and extension. Basic and strategic research in coldwater, fisheries and aquaculture Act as a repository of information on hill fisheries resources Human Resource Development through training, education and extension 	Doctoral degree in Zoology/Fisheries Science/ Marine Biology/Aquatic Ecology /Biotechnology/Genetics/Nutriti on/Pathology/Biochemistry/Phys iology/Aquatic Biology & Fisheries as applied to Fisheries or related aspects including relevant basic sciences.	
	AGRICULTURAL ENGINEERING DIVISION			
Director	CIRCOT, Mumbai	 Basic and strategic research on processing cotton and its agro-residues, development of value added products and quality assessment. Skill development and business incubation services and function as referral laboratory for cotton fibres 	Doctoral degree in Fibre Technology/Agricultural Engineering/Chemical Technology/Applied Chemistry/ Applied Physics including relevant basic science	
Director	CIAE, Bhopal	 Research on agricultural mechanization, post-harvest food processing, and energy management in agriculture Human Resource Development and capacity building through outreach and training programs; commercialization and utilization of agricultural engineering technologies. 	Doctoral degree in Agricultural Engineering/ Engineering including relevant basic sciences.	
Director	CIPHET, Ludhiana	 Research on post-harvest processing, preservation, storage and value addition of agricultural commodities. Human resource and entrepreneurship development in post-harvest engineering and technology 	Doctoral degree in Agricultural Engineering with specialization in Agricultural Structures and Process Engineering, including relevant basic sciences.	

Director	IINRG, Ranchi	 Research on lac production technologies and processing and value addition of natural resins (including lac), gums and gum- resins. Information dissemination, training and capacity building on lac, gums and gum resins. GRICULTURAL EDUCATION DIVISION	Doctoral degree in Agricultural Engineering with specialization in Agricultural Processing/Post Harvest Technology/Food Engineering/Farm Machinery and Power Or Doctoral degree in Agricultural Science with demonstrated work experience in Lac/Natural Resins & Gums production and agro-processing.
Director	IASRI, New Delhi	 Research, education and training in agricultural statistics, computer applications in agriculture and agricultural bioinformatics. Advisory/consultancy services/methodological support/computational solutions to NARES/NASS (National Agricultural Research and Education System/ National Agricultural Statistics System) 	Doctoral degree in Agricultural Statistics/Statistics/ Computer Science or related disciplines, including relevant basic sciences.
Director	CIWA(DRWA) Bhubaneswar	 Research on gender issues in agriculture and allied fields. Gender-equitable agricultural policies/programmes and gender sensitive agricultural-sector responses. Co-ordinate research on Home Science 	Doctoral degree in any branch of Agriculture Science/Home Science/Social Science including relevant basic science.