

## Closed Projects

<b>Year</b>	<b>Project No.</b>	<b>Title of project</b>
2020-21	1050761127	Commercial production of arecanut tissue culture planting material of Yellow Leaf Disease resistant palms and dwarf hybrids
	1050761138	Participatory demonstration plots of cinnamon intercropping in coconut
	1050761146	Establishment of advanced facilities for measuring physiological process
	1050761109	Mass production of plant growth promoting microbes and biocontrol agents for sustainability of coconut based cropping system
	1050761141	Formulation development of entomopathogenic fungus <i>Simplicillium</i> sp. and its utilization in the management of coconut invasive whiteflies
	2022760007	Development of process protocol for non-thermal processing of coconut neera for enhancement of shelf life and to achieve food safety
	1000767023	Development of process technology for minimal processing of mature coconut kernel and its value added products
	1000767024	Hyper spectral imaging based detection system for identification of adulteration in desiccated coconut powder
	1000767025	Development of linear actuator-based tender coconut punching and cutting machine
	1000767026	Development of a process technology for the production of coconut infused bean to bite dark chocolate
	1050761135	Establishing demonstration plots on arecanut based multispecies cropping system
2021-22	1000769022	Crop - weather modelling and methodological evaluation of crop insurance in plantation crops
	1050761107	Large-scale production of elite and hybrid seedlings of coconut for the root (wilt) disease prevalent tract (Plan Funds of Department of Agriculture, Govt. of Kerala)
	1050761121	Production and distribution of Dwarf/semi tall varieties of quality planting materials
	1050761122	Technology support for coconut hybridization/production of semi tall varieties
	1050231012	Development of a Database for Plantation Crops for Biologists
	1050761126	Detection system for red palm weevil infesting coconut
	1050761132	High Pressure Processing to improve the shelf life of Neera (Kalparasa®), tender nut water and coconut milk
	1050761125	Standardization of protocol for the preparation of frozen coconut delicacy
2022-23	1000769023	Adaptation deficit analysis and resilience strategies to climate change in coastal coconut agro-ecosystems
	1050231012	Development of a database for plantation crops for biologists
	1050761105	Demonstration of EPN in arecanut for the management of root grub
	1050761108	Consortium research platform on farm mechanization and precision farming
	1050761109	Mass production of plant growth promoting microbes and bio-control agents for sustainability of coconut based farming system

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	1050761115	Development of DUS testing criteria and establishment of genebank for cocoa
	1050761120	Design, development and field demonstration of an airblast sprayer for coconut
	1050761123	Technology support for plant protection campaign against pest and diseases of coconut
	1050761124	Geo-spatial variability in Kerala- an analysis of extent and determinants
	1050761126	Detection system for red palm weevil infesting coconut
	1050761128	Pest and disease surveillance on coconut palms by unmanned aerial vehicle
	1050761129	Demonstration of effective and eco-friendly management of white grubs using entomopathogenic nematodes in arecanut
	1050761130	Participatory rejuvenation and refinement of coconut based homestead system models for food security and income
	1050761131	Entrepreneurship development through farmer led innovations – Study in plantation crops
	1050761133	Design, fabrication and field demonstration of a neera (Kalparasa®) collection device
	1050761134	Design, fabrication and standardizing the process parameters of a portable biochar unit for tender coconut husk
	1050761144	Maintenance of multi species cropping in arecanut garden – Assam
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	1050761135	Establishing demonstration plots on arecanut based multispecies cropping system
2024-25	1050761148	Establishment of a molecular marker based accreditation laboratory for coconut hybrids
	1000761030	Biotechnological applications in palms and cocoa

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	1000761031	Development of tissue culture techniques in coconut
	1050761140	Evaluation of stage-specific modulation of specific miRNAs during zygotic and somatic embryogenesis in coconut and their functional validation
	1050761154	Technology Dissemination through Demonstration-Horticulture based crop cafeteria for nutritional and livelihood security of marginal farmers
	1050761147	Development of biodegradable plate from tender coconut husk
	1050761164	Quantification of weight loss and moisture content in copra procured from Andaman (Port Blair) to mainland
	2023760008	Profile analysis of farmers producer companies in India
	1050761140	Evaluation of stage-specific modulation of specific miRNAs during zygotic and somatic embryogenesis in coconut and their functional validation
	1050761139	Establishment of FLD on arecanut fruit rot diseases management using mandipropamid fungicide
	1050761160	Field survey for assessing the recovery of arecanut from leaf spot disease under different management conditions in major arecanut growing areas in Karnataka
	1050761161	Establishment of state of art YLD diagnosis laboratory