

Status of Research Projects from 36th PAC onwards

	Name of project	Name & Address of P.I	Date of signing of MoU	Project initiation date &	Duration (years)	Amount Sanctioned	Amount Released (Rs.lakhs.)	Present Status
	36 th PAC-12.8.2011							
	'Development of technologies for management of insect pests and disease affected coconut gardens'							
1	Development of effective and safe chemical module against post harvest diseases of coconut and demonstration of developed module in farmer's conditions.	Dr. A. Snehalatha Rani, Horticulture Research Station, APHU, Ambajipeta, 533 214	8.11.11	15.11.11	3	20.68	13.71 (1st & 2nd instlmnt released)	The progress of project was presented by P.I in review meeting held on 22.1.2013 and 1st yr report submitted. Identification of effective chemicals against post harvest diseases are being done,different concentrations tested in different seasons and cost benefit ratio and economic analysis also being done
	Demonstration of technologies for management of insect pests and disease affected coconut gardens'							
2	Performance evaluation of elite seedlings in farmer's fields of Alappuzha and Kollam Districts - ORARS, Kerala Agricultural University, Kayamkulam, Alappuzha	Dr.M.R.Bindu, Associate professor, ORARS, Kayamkulam. 690 502, Alappuzha	8.11.2011	15.11.11	2	12.1	6.95 (1st inst released)	The progress of project was presented by P.I in review meeting held on 22.1.2013 and 1st yr report submitted.Survey and selection of mother palms completed in 5 panchayats,morphological observations being recorded.ELISA testing initiated for marking disease free mother palms.
3	Mixed cropping of Noni (Morinda citrifolia) in coconut gardens under coastal agro-ecosystems	Dr H P Maheswarappa , Project Coordinator, AICRP(Palms) (ICAR), Kasaragod – 671 124	22.9.2011	11.10.2011	3	6.52	3.9854 (1st & 2nd instlmnt released)	First year Progress report submitted,Farmers fields identified, soil and leaf analysis in progress, yield record of palms collected, growth parameters of Noni seedlings also being recorded.
	Technical Support, External Evaluation and Emergent requirement''							
4	Evaluating the performance of released coconut hybrids in Farmer fields - Coconut Research station, Veppankulam, Thanjavur	Dr.C.Natarajan, Professor and Head, Coconut Research Station, Veppankulam, Thanjavur-614 906	20.10.11	27.10.11	3	14.454	6.358	Progress report for 2011-12 submitted-Project initited in April 2012,collection of passport data of farmers is being collected. Progress report for 2nd year requested.

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Development of technology for processing and product diversification								
5	Development of Technology for Production of Health Foods from Tender & Mature Coconut	Dr. A. G. Gopala Krishna, Scientist-G, Department of Lipid Science & Traditional Foods, CFTRI, Mysore, 570 020	12.10.11	24.10.11	2	20.9	17.635 (1st & 2nd instlmnt released)	Progress report (Nov 2011- May 2012)submitted,preparation of nutraceutical concentrate and enriched coconut oil in progress.
6	Investigations and development of technology for desiccated coconut industry effluent water treatment -Dept. of Chemical Engineering, IISc, Bangalore	Dr. J R. Mudakavi, Department of Chemical Engineering, IISc, Bangalore-560012	17.10.11	24.10.11	2	11.572	9.173 (1st & 2nd instlmnt released)	The progress report of project submitted, characterization of effluents done, analysis of various parameters such as ph, temperature, BOD, COD , acidity etc carried out.Lab set up of anerobic digestor designed.
7	Generation of xylooligo saccharides from green coconut husk for augmenting gut health and function- National Institute of Animal Nutrition, Bangalore	Dr. Ashis Kumar Samanta, Senior Scientist, National Institute of Animal Nutrition and Physiology, Bangalore-560030	22.9.11	4.10.11	3	40.06	17.91 (1st & 2nd instlmnt released)	Progress report of project submitted, processing of gree coocnut husks and chemical analysis done, revoery of xylan being done.
37th PAC -12.12.2011								
Demonstration of technologies for management of insect pests and disease affected coconut gardens'								
8	Control of Black headed caterpillar in Krishnagiri District - Department of Agriculture, Chepauk, Chennai at a total cost of Rs.19.05 lakhs	The Joint Director of Agriculture, Krishnagiri - 635 001 Tamil Nadu	4.6.12	8.6.12	1	5.668	2.834	The progress of the project was presented by Asst. Director, Dept. of Agri., TN. The fertilizer application and root feeding completed in 9370 palms,final report is awaited.
Development of technology for processing and product diversification								
9	Development of Low Fat Nutritionally Rich Delicious Fresh Tender Coconut Cream - SCMS Management House, South Kalamassery, Cochin	Dr C MohanKumar, Director, SCMS Institute of Bioscience and Biotechnology Research and Development, Management House, South Kalamassery, Cochin-682033	30.4.12	4.5.2012	2	34.29	30.861 (1st,2nd & 3rd)	1st year report submiited in May 2013,Process for tender coconut cream standardized,feasibility and oral toxicity studies completed.

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10	Molecular action of Cocos nucifera water on γ radiation induced oxidative damage and cellular signaling - University College of Science & Technology University of Calcutta, APC Road, Kolkata	Dr. Sanjit Dey, Associate Professor, Dept. of Physiology, University of Calcutta, 92, APC Road, Kolkata -700009	13.2.12	2.3.12	8 months	9.048	6.48(1st & 2nd instlmnt released)	Quarterly Progress reports submitted, characterization of antioxidant activity of coconut water completed, studies on mechanism and chemical principles of radio protection by coconut water extract being carried out.
38th PAC-18.5.2012								
Demonstration of technologies for management of insect pests and disease affected coconut gardens'								
11	Refinement of production technology of green muscardine fungus and participatory field validation of integrated biocontrol technology against rhinoceros beetle of coconut -CPCRI, Regional Station, Kayamkulam	Dr. Chandrika Mohan, Senior scientist (Agricultural Entomology), CPCRI, Regional Station, Kayamkulam -690 533	27.7.12	1.8.12	3	19.8662	7.4054	Progress report requested.
Development of technology for processing and product diversification								
12	Techno-economic feasibility of coconut wood canoes for small scale fisheries sector in the south west coast of India and Lakshadweep - Central Institute of Fisheries Technology, Matsyapuri, Kochi at a total cost of Rs.52.60 lakhs	Dr. Leela Edwin Principal Scientist & Head, Fishing Technology Division Central Institute of Fisheries Technology CIFT Junction, Matsyapuri P.O Cochin – 682 029	14.8.12	27.8.12	3	52.6	14.17	The progress report has been requested and is awaited.
13	Development of Nutra coconut oil rich in ω -3 & ω -6 fatty acids and health protective phytoceuticals - CFTRI, Mysore	Dr S Debnath, Principal Scientist, Dept. of Lipid Science and Traditional Foods, CFTRI, Mysore-570 020	10.9.2012	13.9.2012	2	23.00	16.25 (1st and 2nd instlmnt)	Progress report submitted in May2013- Nutraceuticals isolated from sesame and flax seed cakes and characterization of bioactives done. Developing nutra cocooil is in progress.

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14	Proposal for development of tender coconut punch cum splitter and hand opener	Mr. Pandiaraj Subramani, No. 43- C8, Ganesh Gardens, Bharathi Nagar, Ganapathy, Coimbatore, Tamil Nadu - 641 006	8.8.12	10.8.12	3 months	4.25	2.125	Project completed, machines developed and handed over to CDB, Patentina also initiated. Final instalmt to be released after recving U.C.
15	Isolation characterization and evaluation of in-vitro Anti-cancer and anti-oxidant activities of polyphenols from kernel and oil from coconut - SNGIST Group of Institutions, Sree Narayana Guru Institute of Science and Technology, North Paravoor, Ernakulam	Dr. Nevin.K.G, Assistant Professor, School of Bio Sciences, MG University	Not yet		3			Even the project was approved, the P.I. had resigned from the institute and joined MG University. The project has been resubmiited through proper channel and is to be placed before 40 th PAC.
16	Enrichment of coconut chips as a functional food -Department of Food Science and Technology, Pondicherry University, Puducherry	Dr. N. Sangeetha, Assistant Professor, Department of Food Science and Technology, Pondicherry University, Puducherry – 605 014	23.7.12	1.8.12	2	8.16	4.08	Progress report requested
Technical Support, External Evaluation and Emergent requirement”								
17	Region based recommendation to improve coconut production in Tamilnadu through remote sensing and GIS -Tamil Nadu Agricultural University, Coimbatore	Dr. R. Krishnan, Associate Professor (Agronomy), Dept. of Remote sensing and GIS Directorate of Natural Resource Management, TNAU, Coimbatore-641 003	27.8.12	11.9.12	2	10.846	5.973	Satellite data is being collected and survey of coconut growing areas is in progress.
39th PAC -17.8.12								
Demonstration of technologies for management of insect pests and disease affected coconut gardens’								
18	Management of Disease affected Palm in Nagercoil District - Department of Agriculture, Tamilnadu	The Joint Director of Agriculture, 150, Keel Radha Veedhi, Krishnan Koil, Nagercoil, Kanyakumari – 629 001						Signed MoU awaited.

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Development of technology for processing and product diversification								
19	Development of a litholytic formulation, incorporating the medicinal properties of coconut water and core of pseudo stem of plantain tree – CARE-Keralam Ltd., Kinfra Park, Koratty, Thrissur	Dr. Suresh Kumar, Head R&D , CARE-Keralam Ltd., Kinfra Park, Koratty, Thrissur-680309	22.5.13	29.5.13	3	35	17.5	Project initiated
20	Immunostimulation with Virgin Coconut Oil to treat recurrent infections of the upper respiratory tract of Children - CARE-Keralam Ltd., Kinfra Park, Koratty, Thrissur	Dr. Suresh Kumar, Head R&D , CARE-Keralam Ltd., Kinfra Park, Koratty, Thrissur-680309	27.5.13	29.5.13	3	35	17.5	Project initiated in May 2013
21	Development of an Anti Diarrhoeal formulation, incorporating the medicinal principles of coconut water and heart wood of Caesalpinia sappan - CARE-Keralam Ltd., Kinfra Park, Koratty, Thrissur	Dr. Suresh Kumar, Head R&D , CARE-Keralam Ltd., Kinfra Park, Koratty, Thrissur-680309	27.5.13	29.5.13	3	35	17.5	Project initiated in May 2013
Technical Support, External Evaluation and Emergent requirement”								
22	Improving coconut production in Kerala using soil data through remote sensing and GIS techniques - Amritha Viswa Vidya Peetham University, Amritanagar, Coimbatore	Dr.P .Geetha, Asst. Professor, Centre for excellence in Computational Engineering,Networking Remote sensing and wireless sensor division, Amritha University, Coimbatore -641 105	12.10.12	19.10.12	3	14.211	5.837	Progress report awaited