

Proceedings of the 42nd meeting of Project Approval Committee (PAC) of Technology Mission on Coconut held at Kochi on 22nd April, 2014

The 42nd meeting of the Project Approval Committee (PAC) on Technology Mission on Coconut (TMOC) was held in the Board Room of Coconut Development Board, Kochi on 22nd April, 2014. Shri T.K. Jose IAS, Chairman, Coconut Development Board and Chairman PAC chaired the meeting. The list of participants is enclosed.

At the outset, Chairman welcomed the members of PAC and experts to the meeting. In his introductory remarks Chairman briefed about the concept of Farmer Producer Organizations (FPOs) and also enlightened the members about the growth of FPOs in Coconut sector. He also pointed out the various possibilities and avenues available for value addition in coconut sector especially Neera and Neera based products. He added that Board would support the generic promotion of Neera and neera products manufactured in India.

After the introductory remarks agenda items were taken up.

AGENDA No. 1: Confirmation of the Proceedings of 41st Project Approval Committee Meeting held on 11th October, 2013

The Committee confirmed the proceedings of the 41st Project Approval Committee Meeting.

AGENDA No. 2: Action taken report on decisions of the 41st PAC Meeting

The committee perused the action taken on the decisions of the 41st meeting of the Project Approval Committee.

AGENDA No. 3: Approval of new project proposals:

1. Health benefits of dietary intake of Virgin coconut oil on neural-immune network -School of Bioengineering, SRM University, Kattankulathur- Tamil Nadu at a total cost of Rs. 30.60 lakhs.

The objective of the project is to investigate the effects of dietary intake of virgin coconut oil on neuroendocrine-immune system in order to promote the health benefits of virgin coconut oil.

The project was presented by Principal Investigator Dr. Thygarajan, Professor and HOD, Department of Biotechnology, School of Bioengineering, SRM University, Tamil Nadu. PAC approved the project with a total project cost of Rs 26.29 lakhs for 2 years to be equally shared between CDB and SRM; with the following budget split up. (Institutional charges limited to 10% of project cost).

Particulars	CDB share (Rs in Lakhs.)	SRM share (Rs in Lakhs.)
Salary JRF Rs. 12,000/- P.M.	2.88	---
Recurring - Chemicals, Consumables, contingency	6.875	13.145
Travel	1.00	----
Institutional Charges	2.39	----
Total	13.145	13.145
Grand total	26.29	

2. Development of secondary metabolite based biocide for control of eriophyid mite (*Aceria guerreronis*) and red palm weevil (*Rhynchophorus ferrugineus*) infesting coconut plantations - Camson Bio Technologies Limited, Bangalore at a total cost of Rs. 90.00 lakhs.

The objectives of the project are: (1) Isolation and characterization of microorganism (2) Optimization of process for the extraction of secondary metabolites from microbes (3) Screening of metabolites against mites and red palm weevil (4) Development of effective and stable formulation with long shelf life (5) Bio-efficacy and field evaluation (6) Shelf life, storage stability and container compatibility studies.

The project was presented by the Principal Investigator Dr. Nisha. M. M, Scientist, Camson Biotechnologies, Bangalore.

After detailed discussions, PAC suggested the following:

1. The project may concentrate for the time being only on red palm weevil, which is most serious pest of Coconut
2. The duration of project may be limited to 2 years
3. The staff component may be limited to 1 SRF.
4. P.I. may submit the revised project proposal with the above modifications for consideration in the next PAC.

3. Management of Black Headed Caterpillar infestation in Mandya district of Karnataka - CDB, Regional Office, Bangalore at a total cost of Rs 126.71 lakhs.

The objective of the project is to control sudden outbreak of Black Headed Caterpillar infestation in Mandya District of Karnataka, covering 1,52,670 affected trees.

After detailed discussions PAC approved the decisions of Internal Screening Committee (ISC) and approved the project in principle. The committee has authorized Chairman, Coconut Development Board to approve the budget and manpower as per requirement and norms.

4. Scaling up the production of planting material from released varieties of coconut palms through plumule culture- Phase-2- CPCRI, Kasargod at a total cost of Rs 60.18 Lakhs.

The objectives of the 2nd phase of the project are : (1) To carry out studies for enhancing somatic embryos in coconut such as cell suspension culture and different media composition for maturation and normal development of plantlets (2) To conduct comprehensive research on coconut tissue culture in the area of transcriptomics and proteomics.

Dr Sherifa, Co-PI, presented the status of the 1st phase and also the proposal for second phase. It was informed that out of 12884 nuts utilized in the 1st phase, 195 plantlets were developed *in vitro* and 23 plantlets are available in polybag.

The expected outcome of the project phase-2 are (a) Identification of various genes involved in somatic embryogenesis of coconut and their expression levels and (b) Improvement of somatic embryogenesis to increase the plantlet production (at least upto 15 plantlets per shoot meristem) in coconut using knowledge gained through transcriptomic and proteomic studies.

Dr Aravindakshan, Foremr Chairman & Expert Member of PAC, stated that the optimal conditions for plantlet development are still to be identified. Further, Chairman pointed out that for a successful research there should be a dedicated team and proper networking with National and International researchers. CPCRI should explore the possibilities to take up ICAR fellowship projects/post doctoral research work in Coconut, and also collaborative research projects in association with DST, Department of Biotechnology and institutions like Biotechnology Industry Research Assistance Council(BIRAC).

After detailed discussions, PAC stated that CPCRI may arrange a brain storming session with the involvement of scientists and related institutions and an International workshop on the subject associating the scientists working on biotechnology aspects of palm propagation from various countries in India at the earliest. Co-P.I suggested that it can be conducted in January, 2015. The present project may be reappraised based on new information gathered in the brain storming session and the P.I. is informed to conduct the brain storming session at their earliest convenient date. CDB can extend support for the second phase on the basis of this.

5. Performance evaluation of selected cultivars/ varieties for tender coconut at DSP Farm cum Techno Park for Coconut, Neriya Mangalam, Ernakulam at a total cost of Rs.17.235 Lakhs.

The objectives of the project are : (1) To assess the coconut cultivars/ varieties suitable for tender coconut through biometric and biochemical analysis (2) To identify the best cultivar suitable for tender coconut among dwarf, tall and hybrids and (3) To study the association of different levels of maturity characters in relation to nut water in the promising types.

The present proposal was not approved. PAC advised that DSP farms can take up research related to cultivation and qualitative aspects of production of coconut seedlings; not projects of this nature and content.

6. Setting up of Neera Processing and Packing units- The following 12 Coconut Producer Companies formed in Kerala under the guidance of CDB had submitted the proposals for Neera Processing and Packing units:

1. M/s. Palakkad Coconut Producer Co. Ltd (PCPCL), Muthalamada, Palakkad, Kerala – 678 507
2. M/s. Kuttiady Coconut Farmers Producer Co. Ltd, Vadakara Taluk, Kuttiady Post , Kozhikode Dist, Kerala – 673 508
3. M/s. Thejaswini Coconut Farmers Producer Co. Ltd., C.P.II-376/K7, Thattassery Building Cherupuzha Post, Kannur Dist, Kerala – 670 511
4. M/s. Kasaragod Coconut Producer Co. Ltd (KCPCL), Door No. KKP/10/601, Pachudu Building, Thekke Bazar, Vellarikkundu Post, Parappa Via, Kasaragod – 671 533, Kerala
5. M/s. Thirukochi Coconut Producer Co. Ltd, C/o Joseph Babu, Door No. 9/411, Chirakkuzhiyil House, Koothattukulam, Thirumarady PO, - 696 687 , Ernakulam Dist
6. M/s. Malappuram Coconut Producer Co. Ltd, (MCPC), Room No. VP/9/336Q, Edavannappara, Cheruvayoor Post, Vazhakkad Via , Malappuram Dist, Kerala – 673 645
7. M/s. Kozhikode Coconut Farmers Producer Co. Ltd, Kunnamangalam, Kozhikode - 673 571
8. M/s. Koyilandy Coconut Farmers Producers Co. Ltd, Vattoli Bazar–Post, Balussery, Kozhikode – 673 612
9. M/s. Kodungallur Coconut Producer Co. Ltd, G.D. Complex X-87, IInd Floor, Perinjanam Post ,Thrissur Dist, Kerala – 680 686
10. M/s. Karappuram Coconut Producer Co. Ltd, Kanjikuzhy Block Panchayat Premises, SN Puram Post, Alapuzha, Kerala – 688 582
11. M/s. Kaipuzha Coconut Producer Co. Ltd, (KCPCL), No. T.P./44, Kuttikkattuvilayil, Padinjattakkara, Thevalakkara, Kollam, Kerala – 690 524
12. M/s. Ananthapuri Coconut Producers Company Ltd (ACPCL), 845, Oottiyarathala, 2, Thalalay, Aralummodu – PO, Trivandrum – 695 123

The projects were presented before the Committee individually by the Chairman / Director / Board Member / Project Manager of the respective Companies. Each company presented their road map for processing Neera and marketing.

The PAC after detailed discussion approved the projects in principle and authorized Chairman, Coconut Development Board to approve the proposals subject

to submission of required documents, as per norms of TMOC. The PAC pointed out that M/s Ananthapuri Coconut Producer Company Ltd, Trivandrum whose representatives could not present their case in a proper manner should modify their Detailed Project Report and resubmit to Chairman for reconsideration in the next PAC. Representatives of Kasargod Producer Company were absent and hence their project is also deferred.

7. Setting up of Integrated Coconut processing unit- The following Coconut Producer Companies registered with the Board submitted the proposals for Integrated Coconut processing unit:

- (a) M/s. Kaipuzha Coconut Producer Co. Ltd, (KCPCL), No. T.P./44, Kuttikkattuvilayil, Padinjattakkara, Thevalakkara, Kollam, Kerala – 690 524.
- (b) M/s. Kodungallur Coconut Producer Co. Ltd, G.D. Complex X-87, IInd Floor, Perinjanam Post, Thrissur Dist, Kerala – 680 686.

The PAC after detailed discussion approved the projects in principle and authorized Chairman, Coconut Development Board to approve the proposals subject to submission of required documents, as per norms of TMOC.

8. Setting up of an Oil Expeller unit at Kanjikuzhy Block- M/s. Karappuram Coconut Producer Co. Ltd, Kanjikuzhy Block Panchayat Premises, SN Puram Post, Alapuzha at a total cost of Rs 73.17 lakhs.

The PAC after detailed discussion approved the project in principle and authorized Chairman, Coconut Development Board to approve the proposal subject to submission of required documents, as per norms of TMOC.

9. Setting up of Desiccated coconut powder manufacturing unit - M/s. Sri Basaveshwara Coconut Industries, BH Road, Huchhagondanahalli, Tiptur at a total cost of Rs. 25.00 lakhs.

The objective of the project is setting up of a desiccated coconut powder manufacturing unit with a capacity to process 10,000 coconuts per day for producing 1.00 MT desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Machinery & equipments	15.22	15.21	3.80
Building & Civil works	6.78	6.78	1.69
Working Capital margin	3.00	...	...
TOTAL	25.00	21.99	5.49

The project was approved with an eligible subsidy of Rs. 5.49 lakh; subject to the condition that the unit should obtain certificate from FSSAI; should include blanching and steaming in the process to improve quality and also install ETP.

10. Setting up of Desiccated coconut powder manufacturing unit - M/s. Vasudha Industries, 15/64A, Barathidasan Street, Avinashi TK, Tirupur Dt, Tamil Nadu at a total cost of Rs. 210.00 lakhs.

The objective of the project is setting up of a desiccated coconut powder manufacturing unit with a capacity to process 40000 coconuts per day for producing 4.00 MT desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land & Land Development	4.00	...	...
Factory building	91.55	68.62	17.155
Plant & Machinery	73.00	73.00	18.250
Electrification-Electric Accessories & HP Connection Charges	5.00	...	...
Preliminary & Pre-Operative Expenses-	2.00	1.70	0.425
Working Capital	34.45	...	...
TOTAL	210.00	143.32	35.830

The project was approved with an eligible subsidy of Rs. 35.83 lakh; subject to the condition that the unit should obtain certificate from FSSAI; should include blanching and steaming in the process to improve quality and also install ETP.

11. Setting up of a Desiccated Coconut powder unit - Sree Amman Agro Industries, D. No. 3/156 Perumapalayam, Kunnathur Road, Sullipalayam Post, Perundurai Tk, Erode Dist, Tamilnadu at a total cost of Rs. 115.37 lakhs.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Plant & Equipments	54.49	54.49	13.62
Building & Civil works	52.70	44.81	11.20
Effluent Treatment and Disposal system	4.85	4.85	1.21
Working Capital margin	3.33	...	...
TOTAL	115.37	104.15	26.03

The project was approved with an eligible subsidy of Rs. 26.03 lakh; subject to the condition that the unit should obtain certificate from FSSAI; should include blanching and steaming in the process to improve quality and also install ETP.

12. Setting up of a Desiccated Coconut powder unit M/s. Revathi Agro, Survey No. 62/2, Kalkere Road, Hucchanahatti, Halepalaya Post, Tiptur at a total cost of Rs. 179.74 lakhs.

The objective of the project is setting up of a desiccated coconut powder manufacturing unit with a capacity to process 32,000 coconuts per day for producing 3.20 MT desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Plant & Equipments	58.65	52.33	13.08
Building & Civil works	70.05	51.48	12.87
Contingency	6.44	-	-
Working Capital margin	44.60	-	-
TOTAL	179.74	103.81	25.95

The PAC noticed that capacity and cost of ETP appears to be under estimated and should be relooked. The project was approved with an eligible subsidy of Rs. 25.95 lakh subject to the condition that the unit should obtain certificate from FSSAI; should include blanching and steaming in the process to improve quality and also install ETP of appropriate capacity.

13. Setting up of a Desiccated Coconut powder unit - M/s. SPKS Enrich Products Pvt Ltd Office – 21/22, TNP Building, Thadikombu Road, Dindigul, Tamil Nadu at a total cost of Rs. 550.00 lakhs.

The objective of the project is setting up of a desiccated coconut powder manufacturing unit with a capacity to process 80,000 coconuts per day for producing 8.00 MT desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Lease	-	-
Plant & Equipments	320.00	225.05	Limited to Rs. 50.00 lakhs
Building & Civil works (including electrification, ETP for Rs. 20.0 lakhs etc)	180.00	83.00	
Working Capital margin	50.00		
TOTAL	550.00	308.05	50.00

The project was approved with an eligible subsidy of Rs. 50.00 lakh. The PAC suggested for incorporation of blanching and steaming in the process to improve quality and to obtain both FSSAI and ISO certification. The PAC also advised to the

promoter to convert the unit into a Private Limited Company at the earliest and report.

14. Setting up of a Desiccated Coconut powder unit - M/s. Nanma Coconut Industries, Thiruvizhamkunnu, Palakkad Dist, Kerala at a total cost of Rs. 132.00 lakhs.

The objective of the project is setting up of a desiccated coconut powder manufacturing unit with a capacity to process 25,000 coconuts per day for producing 2.50 MT desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Plant & Equipments	55.60	53.20	13.30
Building & Civil works (4081 sq.ft.)	46.60	34.81	8.70
ETP	4.00	4.00	1.00
Electrification	3.00	3.00	0.75
Generator	7.50	5.00	1.25
Laboratory equipments	2.00	2.00	0.50
Office equipments	1.30	...	...
Pre op. expenses	2.00	1.04	0.26
Working Capital	10.00		
TOTAL	132.00	103.05	25.76

The project was approved in principle. The PAC advised the promoter to revise the project in accordance with dryer capacity i.e. for processing 15000 nuts per day. The PAC also suggested for incorporation of blanching and steaming in the process to improve quality and should obtain certificate from FSSAI.

15. Modernisation & Expansion of existing Desiccated Coconut manufacturing unit - M/s. Century Coco Products, 7/175 B, Manassery Post, Muthalam, Kozhikode, at a total cost of Rs. 126.00 lakhs.

The objective of this project is expansion and modernisation of existing desiccated coconut powder unit to process from existing 2000 nuts capacity to 15000 nuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Leased	-	-
Plant & Equipments	87.55	85.46	21.36
<u>Building -</u> - Existing renovation for 1000 sq.ft. - 4.0 - New for 2000 sq.ft.- 14.0 - ETP - 8.15	26.15	26.15	6.53
Furniture & office equipments	1.30	...	...
Pre op. expenses	2.00	1.10	0.27
Working Capital margin	9.00		
TOTAL	126.00	112.71	28.16

The project was deferred till next PAC. The financial parameters including working capital margin of the project were not in accordance with production capacity, so the Promoter was asked to revise the project and submit in next PAC.

16. Setting up of a Coconut Chips unit - M/s. Malabar Products, Muttithadi Post Mukundapuram Tk, Trichur Dist at a total cost of Rs. 29.21 lakhs.

The objective of the project is setting up of a coconut chips unit for processing 2000 coconuts per day to produce 150 kg chips per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Plant & Equipments	12.71	8.76	2.19
Building & Civil works	15.00	11.08	2.77
Working Capital	1.50	...	...
TOTAL	29.21	19.84	4.96

The project was approved with an eligible subsidy of Rs. 4.96 lakh. The unit should obtain FSSAI certification.

17. Setting up of a ball copra unit- Shri. Shekaran C. K., Cheriya Kunnu Parambath House Shekaran Boda making Unit, Cheruparambu Post, Kunnothparambu Via, Kannur Dist at a total cost of Rs 25.00 lakhs.

The objective of the project is setting up of a ball copra making unit for converting 1,70,000 coconuts in to 31.00 MT Boda (Ball Copra) per year.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	20.00	16.48	4.12
Fixed Assets expenses	0.30	-	-
Working Capital	4.70	-	-
TOTAL	25.00	16.48	4.12

The project was approved with an eligible subsidy of Rs. 4.12 lakh.

18. Setting up of a Granulated Shell Charcoal Manufacturing Unit- M/s. Rathinamoorthy Traders, Periyar Nagar, Palladam – 641 664, Tirupur Dist. at a total cost of Rs. 93.80 lakhs.

The objective of the project is setting up of a unit for manufacturing Granulated coconut shell charcoal with installed capacity of 30.00 MT per day from coconut shell.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	73.59	24.275	6.068
Plant & Equipments	20.21	19.99	4.997
TOTAL	93.80	44.265	11.065

The project was approved with an eligible subsidy of Rs. 11.065 lakh.

19. Setting up of a manufacturing unit of Coconut Shell Charcoal Briquettes- M/s. Global Infinite Green Power, Prayag', Konark Nagar, Vijapur Road, Jule Solapur, Solapur, Maharashtra at a total cost of Rs. 299.38 lakhs.

The objective of the project is setting up a manufacturing unit of Coconut Shell Charcoal Briquettes with a capacity to produce 16.00 MT briquettes per day from coconut shell.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Lease	-	-
Plant & Machinery	220.0	220.00	Limited to Rs.50.00 lakhs
Building & Civil works	31.00	13.18	
Contingencies	4.00	...	
IDC	15.00	...	
Preliminary & Pre op. expenses	20.0	2.33	
Working Capital margin	9.38	...	
TOTAL	299.38	235.51	50.00

The project was approved with an eligible subsidy of Rs. 50.00 lakhs. The PAC advised to the promoter to convert the unit into a Private Limited Company at the earliest and report.

20. Expansion and Modernization of the Existing Activated Carbon Manufacturing Unit - M/s. Gowrishankar Chemicals (P) Ltd., K. B. Cross, Kibbanahalli- 572 114, Tumkur Dist, Karnataka at a total cost of Rs. 291.00 lakhs.

The objective of the project is modernization and expansion of existing Activated Carbon manufacturing unit from existing 1200 MT per year capacity to 3600 MT per year from coconut shell.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Plant & Equipments	222.50	115.96	28.990
Building & Civil works	60.00	48.00	12.000
Electrical installations	2.50	2.50	0.625
Foundations for machineries	6.00	...	----
TOTAL	291.00	166.46	41.615

The project was approved with an eligible subsidy of Rs. 41.615 lakhs.

Other Items

1. Proposal for reimbursement of Expenditure for participation in International Exhibition.

PAC sanctioned Rs. 65,661/- (Rupees Sixty five thousand six hundred and sixty one only) i.e. Rs.32,214/- & Rs.33,447/- to M/s Super Coco Company & M/s Surya Shobha respectively under the head "TMOC-Market Promotion" towards reimbursement of 50% of the travel expenses and hotel accommodation as per norms.

2. Standardization of Neera and Developing process for making value added products from coconut neera and Establishment of Neera Pilot plant – CDB Institute of Technology, Vazhakulam - Revision of Project cost & Extension of Project Period.

The PAC ratified the expenditure of Rs. 28.95 lakh incurred upto 31st March 2014. The Committee also approved the budget estimate of Rs. 43.83 lakh for 2014-15 extending the project period up to 31st May 2014. Chairman reiterated that the pilot plant should be operational by 22.05.2014.

3. Approval of the Project Proposal "Normalization of the modified harvesting protocol of coconut neera by field trials and development of a pilot plant for

neera processing, bottling and storage” by SIBB R& D, Kalamassery, Kochi, Kerala and Ratification of expenditure.

PAC approved the project proposal with a maximum eligible subsidy of Rs. 31.35 lakhs as share of the Board and ratified the release of first installment of Rs. 20.85 lakhs (Rupees twenty lakh eighty five thousand only) for the project.

4. Approval of Project proposal for establishment of Copra Making unit at Muthukulam, Alapuzha Dist - Ratification of expenditure.

PAC approved the project proposal with a maximum eligible subsidy of Rs. 6.00 lakhs and ratified the release of Rs 6.00 lakhs for the project.

5. Approval of Project proposal for establishment of Copra Making unit at Vettom, Tirur, Malappuram Dist - Ratification of expenditure.

PAC ratified the approval of project proposal with a maximum eligible subsidy of Rs. 6.00 lakhs.

6. Approval of Project proposal for establishment of Copra Making unit at Punnassery, Kozhikode Dist. - Ratification of expenditure.

PAC ratified the approval of project proposal with a maximum eligible subsidy of Rs. 6.00 lakhs and ratified release of Rs. 3.00 lakh in 1st installment.

7. Approval of Project Proposal “Control of Slug Caterpillar in Krishnagiri Dist. of Tamil Nadu” – Ratification of expenditure.

PAC approved the project proposal at a total cost of Rs. 74.98 lakh with Board’s share being Rs. 14.83 lakh for a period of 6 months and ratified the release of 1st installment of Rs. 4.94 lakh (Rupees Four lakh ninety four thousand only) for the project.

8. Performance evaluation of elite seedlings in Farmers fields of Alappuzha and Kollam districts - Kerala Agricultural University - Extension of project period – Ratification.

PAC ratified the extension of project period up to 14.5.2014 for completing and submitting the final report of the project.

9. Identifying the pheromone synergists of coconut red palm weevil *Rhyncophorus ferrugineus* – CPCRI, Kasargod - Extension of project period – Ratification.

PAC ratified the extension of project period up to 05.06.2014 for completing and submitting the final report.

10. Development of concentrated extract of Vyosakatvivaradi (VKV) formulation in VCO and evaluation of its genotoxic and carcinogenic effects – AVP Research Foundation, Ramanathapuram, Coimbatore - Extension of Project period – Ratification.

PAC ratified the extension of project period up to 12.09.2014 for completing and submitting the final report.

11. Proposal for fund requirement for the period from April 2014 to March 2015 for Quality Testing Laboratory (QTL), CDB at Vazhakulam.

The Chairman asked Director (Dev.) and Processing Engineer, CIT why the NABL accreditation of the QTL has expired and why Processing Engineer has not initiated timely action for renewal of NABL accreditation. It is a case of clear lapse from QTL side and Chairman expressed his dissatisfaction over this. However PAC approved the proposal of Rs. 35.00 lakh for the year 2014-15 subject to re-accreditation of the lab by NABL at the earliest. The expenditure of Rs. 7.82 lakh incurred during 2013-14 was ratified.

Other Decisions:

1. PAC decided that in future those Coconut Processing units manufacturing food items coming for assistance under TMOOC must adhere to Food Safety Act and Regulations thereunder and get FSSAI certification.
2. The units with project cost more than 50.00 lakhs should be registered as Private Limited Company.
3. Dr Anilkumar, R, Asst. Agricultural Marketing Adviser, Regional Office, DMI, Kochi (Representative Member of the Directorate of Marketing and Inspection (DMI), Ministry of Agriculture, Govt. of India) informed the PAC that they have the scheme for supporting for infrastructure development in processing sector under their scheme "Agricultural Marketing Infrastructure for Storage or other Marketing Infrastructure".

Chairman pointed out that Coconut Processing units can avail benefit of the scheme of Directorate of Marketing & Inspection, especially for infra structure creation. CDB would discuss the mode of operation with DMI and NABARD.

M/s. Palakkad Coconut Producer Co. Ltd (PCPCL), Muthalamada who have submitted project for "Setting up of a Cold Chain and Sales Outlets for Selling Neera in Palakkad District and Surrounding Urban Centres" for funding under TMOOC have been advised to approach DMI under the above scheme.

The meeting concluded by 8.30 PM with a vote of thanks.

Dr. K.Muralidharan
Director

List of Participants

Sl. No.	Name and Address
A	PAC MEMBERS
1	Shri. T.K. Jose IAS Chairman, Coconut Development Board PAC Chairman
2	Dr. V. Krishna Kumar Head, CPCRI (R.S) Kayamkulam <u>Representative of</u> Assistant Director General (Plantation crops) Indian Council of Agriculture Research (ICAR), Krishi Anusandhan Bhavan –II, Pusa, New Delhi-110 012
3	Sri. V.V. Pushpangadhan, Additional Director of Agriculture(Crop Production) Department of Agriculture, Government Secretariat, Thiruvananthapuram <u>Representative of</u> Secretary (Agri), Govt. of Kerala Thiruvananthapuram
4	Dr. Anilkumar R, Asst. Agricultural Marketing Adviser, Directorate of Marketing & Inspection (DMI), Regional Office, Block 'A', 6 th floor, Kendriya Bhavan, Kakkanad, Kochi – 682 037. <u>Representative of</u> Joint Secretary & Agricultural Marketing Adviser to Govt. of India, Room No.237, Krishi Bhavan, New Delhi.
5	Dr. K.S.M.S Raghavrao, Chief Scientist, Deptt. of Food Engg., Central Food Technological Research Institute, Mysore.
6	Sri.Jayapher, AGM, Indian Overseas Bank, Regional Office, M.G Road, Ernakulam- 682 016 <u>Representative of</u> Chief General Manager, Indian Overseas Bank, Bangalore city Branch, Gandhi Nagar, Bangalore
7	Shri.Sugata Ghose, Chief Coconut Development Officer, Coconut Development Board, Kochi

B	INVITED EXPERTS
10	Dr. M. Aravindakshan Former Chairman, CDB Coordinator, Centre for Environmental Studies Amrita Viswa Vidyalpeetham University, Coimbatore
11	Shri. C.R. Vijayakumar Consultant 40/2, Jain Temple Street Visweswara Puram, Bangalore – 560 004
C	In Attendance
12	Dr. K. Muralidharan, Director, Coconut Development Board, Kochi
13	Shri. Sreekumar Poduval Processing Engineer, CDB, Kochi
14	Sri. S.S.Choyal Asst. Director, CDB, Kochi
15	Smt. Resmi. D. S. Technical Officer, Coconut Development Board, Kochi