

**Proceedings of the 47th meeting of
Project Approval Committee (PAC) of Technology Mission on
Coconut held at Kochi on 4th February 2016**

The 47th 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 4th February, 2016. Shri T. K. Jose IAS, Chairman, Coconut Development Board and Chairman PAC presided over the meeting. The list of participants is enclosed as Annexure-I.

At the outset, Chairman welcomed all the PAC members and briefed about the vast scope available for value addition in coconut sector. He emphasized the possibility of bringing in more entrepreneurs into coconut sector which will ultimately benefit the coconut farmers and the farming community as a whole. He added that entrepreneurs from countries like Indonesia and Malaysia are interested in establishing coconut processing units in India, which highlights the enormous potential available for value added products throughout the world. Thereafter agenda items were taken up by the PAC.

AGENDA No. 1: Confirmation of the Proceedings of 46th Project Approval Committee Meeting held on 15th December 2015

The Committee confirmed the proceedings of the 46th Project Approval Committee Meeting held on 15.12.2015.

AGENDA No. 2: Action taken report on decisions of the 46th PAC Meeting

The committee perused the action taken on decisions of the 46th meeting of Project Approval Committee. CCDO informed that out of 15 projects approved during the last PAC, 1st installment of 12 projects was released.

AGENDA No. 3: Approval of new project proposals:

Neera Processing and Packing Units

1. Setting up of Neera Processing and Packing Unit – M/s Perambra Coconut Producer Co. Ltd, Chakkittapara P O, Kozhikode, Kerala. (Agenda S. No-6)

The objective of the project is to process 10,000 litres of neera per day. The project was presented by Shri. Unnikrishanan Nair, CEO, Perambra CPC. The CEO informed the PAC that their CPC has received the ISO 9001:2015 certificate.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	20.00	-	-
Plant & Machinery	200.00	200.00	50.00
Building	60.00	35.00	8.75
Electrification and Installation	36.50	10.00	2.5
Preliminary & Pre op. expenses	5.00	2.45	0.61
Others	1.00	-	-
Working Capital margin	127.50	-	-
TOTAL	450.00	247.45	61.86 Limited to 50.00

PAC appreciated the efforts taken by the CPC for getting ISO certification. After detailed discussion PAC approved the project.

2. Setting up of Neera Processing and Packing Unit- M/s Kadathanad Coconut Producer Company Ltd, P.O Mokeri, Kozhikode, Kerala (Agenda S .No - 7)

The project was presented by Shri Jinesh, CEO, M/s Kadathanad Coconut Producer Company Ltd. The objective of the project is to process 8000 litres of neera per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land & Land Dev.	Leased land	-	-
Plant & Machinery	159.34	159.34	39.83
Building & Civil works	40.00	40.00	10.00
Electrical Installation	6.00	6.00	1.50
DG Set-62.5 kva	7.40	5.00	1.25
Refrigerated vans	6.59	-	-
Laboratory equipment	1.68	1.68	0.42
Furniture and office equipments	1.00	-	-
Preliminary &	4.00	2.12	0.53

Pre op. expenses			
Working Capital margin	102.00	-	-
Grand total	328.01	214.14	53.53 Limited to 50.00

After detailed discussion, PAC approved the project.

Virgin Coconut Oil Manufacturing Units

3. Setting Up of a Virgin Coconut Oil Manufacturing Unit at Perundurai Tk, Tamil Nadu- M/s KLF Nirmal Industries (P). Ltd, Fr. Dismas Road, Irinjalakuda, Thrissur, Kerala (Agenda S. No -23)

The objective of the project is setting up of virgin coconut oil manufacturing unit to process 6.25 metric ton (20,000 Nos) coconuts per day to produce VCO – 500 kg and partially deoiled DC powder – 750 kg.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land & Land Development	2.10	-	-
Building & Civil works (Alteration and modification)	28.00	28.00	7.00
Plant & Equipments	142.19	142.19	35.55
Commissioning & Transportation charges	10.14	7.23	1.80
Construction of compartment, structural & platform	20.00	20.00	5.00
ETP	8.99	8.99	2.25
RO Plant	5.99	5.99	1.50
Furniture & Fittings	1.00	-	-
Electrical Installations	31.10	7.10	1.77
DG Set	16.60	5.00	1.25
Preliminary & Pre op. expenses	4.55	2.24	0.56
Working Capital Margin	40.70	-	-
TOTAL	311.36	226.74	56.68 Limited to 50.00

The project is approved with an eligible subsidy of Rs.50.00 lakh.

4. Setting up of a Virgin Coconut Oil Manufacturing Unit- M/s Wettree Extra Virgin Coconut Oil, Narasingapuram , Mannur Post, Pollachi Tk, Tamilnadu (Agenda S. No - 24)

The objective of the project is setting up of a unit to process 5000 coconuts/day for producing virgin coconut oil.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Building	26.00	26.00	6.50
Plant & Equipments	74.35	74.35	18.59
Preliminary & Pre op. expenses	2.00	1.00	0.25
Working Capital margin	15.00	-	
TOTAL	117.35	101.35	25.34

After detailed discussion, PAC approved the project. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

5. Setting up of a Virgin Coconut Oil Unit- M/s Perambra Coconut Producer Co. Ltd, Alankar Arcade, PP1/994F, State Highway, Perambra. Kozhikode, Kerala. (Agenda S. No -26)

The objective of the project is setting up of a virgin coconut oil unit to process 10,000 coconuts per day for making VCO.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land Development	40.00	-	-
Plant & Machinery	180.00	180.00	45.00
Building including plumbing and fitting	63.00	17.50	4.38
Electrical installation	4.00	4.00	1.00
Laboratory Equipments	2.00	2.00	0.50
Preliminary & Pre op. expenses	1.00	1.00	0.25
Working Capital margin	60.00	-	-
TOTAL	350.00	204.50	51.13 Limited to 50.00

After detailed discussion, PAC approved the project.

Coconut Water Processing and Packing Unit

6. Setting up of Coconut Water Processing and Packing Unit- M/s Perambra Coconut Producer Co. Ltd, Alankar Arcade, State Highway, Perambra, Kozhikode Dist, Kerala (Agenda S. No -28)

The objective of the project is setting up of a unit to process 5000 litres of coconut water per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	10.00	-	-
Plant & Machinery	48.00	48.00	12.00
Building	30.00	12.50	3.13
Electrical installation	2.00	2.00	0.50
Furniture and Office Equipments	2.00	-	-
Preliminary & Pre op. expenses	2.00	0.62	0.15
Working Capital margin	6.00	-	-
TOTAL	100.00	63.12	15.78

After detailed discussion, PAC approved the project.

Desiccated Coconut Manufacturing Units

7. Setting up of a Desiccated Coconut Powder Manufacturing Unit- M/s H.M. Agro Product, Bommenahalli Village, Karadi Panchayat, Kotenayakanahalli Post, Tiptur Tk., Tumkur Dist, Karnataka. (Agenda S. No - 8)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 20,000 coconuts per day for manufacturing of 2.00 tons of desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Plant & Equipments	44.10	44.10	11.03
Building & Civil works	100.00	29.40	7.35
Others	0.50	-	-
Preliminary & Pre op. expenses	0.35	0.35	0.08
Working Capital margin	6.00	-	-
TOTAL	150.95	73.85	18.46

The project is approved with an eligible subsidy of Rs.18.46 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

8. Setting up of a Desiccated Coconut Powder Manufacturing Unit- M/s Sri Ranga Agro Industries, Harisamudra Gate, Halkurke Road, Karnataka. (Agenda S. No -9)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 21,000 Coconuts/day to produce 2100 kg DC Powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	65.00	27.43	6.86
Plant & Equipments	41.15	41.15	10.28
Working capital	20.00	-	-
TOTAL	126.15	68.58	17.14

The project is approved with an eligible subsidy of Rs.17.14 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

9. Setting up of a Desiccated Coconut Powder Manufacturing Unit- M/s Punith Coconut Industries, Hossahalli, Keragodi Road, Kasaba Hobli, Tumkur District, Karnataka (Agenda S. No -10)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 12000 coconuts per day to produce 1.20 MT desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land & Land Dev.	Own	-	-
Plant & Equipments	26.40	24.90	6.23
Building & Civil works	75.00	16.60	4.15
Electrical Deposit	0.50	-	-
Preliminary & Pre op. expenses	0.85	0.42	0.10
Office Equipments	1.25	-	-
Working Capital margin	8.00	-	-
TOTAL	112.00	41.92	10.48

The project is approved with an eligible subsidy of Rs.10.48 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

10. Setting up of a Desiccated Coconut Powder Manufacturing Unit- M/s Indian Coconut Products, Earipatty Village Post, Pollachi, Tamilnadu (Agenda S. No - 11)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 65,000 coconuts per day to produce 6.50 tons DC Powder per day

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	127.00	52.15	13.04
Plant & Equipments	82.09	78.23	19.56
Preliminary & Pre op. expenses	6.86	1.30	0.32
Working Capital margin	30.00	-	-
TOTAL	245.95	131.68	32.92

The project is approved with an eligible subsidy of Rs.32.92 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

11. Setting up of a Desiccated Coconut Powder Manufacturing Unit- M/s Sri Thirumala Agro Processing, Gedlehalli, , Halepalya Post, Tiptur, Tumkur Dist, Karnataka (Agenda S. No -12)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 20,000 coconuts per day to produce 2.00 tons of desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land & Land Dev.	-	-	-
Plant & Equipments	45.26	45.26	11.32
Building & Civil works	118.00	30.17	7.54
Office Equipments	3.00	-	-
Deposits	0.35	-	-
Preliminary & Pre op. expenses	0.75	0.75	0.18
Working Capital margin	4.06	-	-
TOTAL	171.42	76.18	19.04

The project is approved with an eligible subsidy of Rs.19.04 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

12. Setting up of a Desiccated Coconut Powder Manufacturing Unit- M/s Kalleshwara Desiccated Coconut Industries, Bennayakanahalli, Kallegowdanapalaya Post, Tiptur, Tumkur Dist, Karnataka (Agenda S. No -13)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 10,000 coconuts per day to produce 1.00 ton of desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	50.00	21.16	5.29
Plant & Equipments	33.28	31.74	7.94
Preliminary & Pre op. expenses	0.25	0.25	0.06
Working Capital margin	2.84	-	-
TOTAL	86.37	53.15	13.29

The project is approved with an eligible subsidy of Rs.13.29 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

13. Setting Up of a Desiccated Coconut Powder Manufacturing Unit- M/s SMV Agro Industries, Kalkeri Road, Huchanahatti, Tiptur, Tumkur Dist., Karnataka (Agenda S. No -14)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 30,000 coconuts per day for making 3.00 tons of desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	70.00	40.50	10.12
Plant & Equipments	53.02	53.02	13.26
Deposit	1.00	-	-
DG Set	6.85	5.00	1.25
Electrical fittings	2.85	2.65	0.66
Preliminary & Pre op. expenses	1.00	1.00	0.25
Working Capital margin	8.00	-	-
TOTAL	142.72	102.17	25.54

The project is approved with an eligible subsidy of Rs.25.54 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

14. Setting up of a Desiccated Coconut Powder Manufacturing Unit- M/s Sri Dhanalakshmi Coconut Industries, Bagur Hobli, Karehally Road, Anathi Post, Channarayapatna Tq, Hassan Dist, Karnataka (Agenda S. No -15)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 16,000 coconut per day for producing 1.60 tons of desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Plant & Equipments	30.03	30.03	7.51

Building & Civil works	35.00	11.66	2.92
Electrical Deposit	0.50	-	-
Office Equipments	3.00	-	-
Pre op. expenses	0.35	0.35	0.08
Working Capital margin	5.88	-	-
Total	74.76	42.04	10.51

The project is approved with an eligible subsidy of Rs.10.51 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

15. Setting Up of a Desiccated Coconut Powder Manufacturing Unit-M/s Rajarajeshwari AgroTech, Byranayakanahalli, Honnavali Hobli, Tiptur TK, Tumkur Dist, Karnataka (Agenda S. No -16)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 15,000 coconuts per day to produce 1.50 ton desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	46.80	13.50	3.38
Plant & Equipments	20.20	20.20	5.05
Deposits	1.03	-	-
Preliminary & Pre op. expenses	2.00	0.30	0.07
Working Capital margin	6.67	-	-
TOTAL	76.70	34.00	8.50

The project is approved with an eligible subsidy of Rs.8.50 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

16. Setting Up of a Desiccated Coconut Powder Manufacturing Unit- M/s Kairaly Eco Products, Meppayur, Via - Iringath, Koilandy Taluk, Kozhikode Dist, Kerala (Agenda S. No -17)

The objective of the project is setting up of a desiccated coconut powder manufacturing unit to process 10000 coconuts per day to produce 1.00 metric ton of desiccated coconut powder per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(` Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	33.00	27.12	6.78
Effluent Treatment Plant	2.60	2.60	0.65
Plant & Equipments	39.57	38.81	9.70
Electrification	10.82	1.94	0.49
Generator	4.69	4.69	1.17
Technical knowhow	1.79	-	-
Preliminary & Pre op. expenses	2.00	0.75	0.19
Working Capital margin	8.53	-	-
TOTAL	103.00	75.91	18.98

The project is approved with an eligible subsidy of Rs.18.98 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

17. Expansion of Existing Desiccated Coconut Manufacturing Unit- M/s V.V. Industries, Vellalalayam Pirivu (MILKA), Gopichettipalayam-638 476, Erode Dist, Tamil Nadu (Agenda S. No -18)

The objective of the project is expansion and modernisation of the existing desiccated coconut powder manufacturing unit to process 1,10,000 coconuts per day from the existing capacity of 30,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Own	-	-
Building & Civil works	57.60	47.54	11.88
Plant & Equipments	101.71	101.71	25.43
Electrification	1.94	1.94	0.49
Working Capital margin	24.00	-	-
TOTAL	185.25	151.19	37.80

The project is approved with an eligible subsidy of Rs.37.80 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

18. Expansion, Modernisation and Automation of the existing Desiccated Coconut Manufacturing Unit- M/s Swastika Coco Products Pvt. Ltd, Katbalthur, Hemmady, Kollur Sri Mookambika Temple Road, Kundapura,Udupi District , Karnataka (Agenda S. No -19)

The objective of the project is expansion and modernisation of the existing desiccated coconut powder manufacturing unit to process 60,000 coconuts per day from the existing capacity of 40,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. In lakh)		
Land	Own	-	-
Building & Civil works	48.5	41.25	10.31
Effluent Treatment & Disposal System	19.50	10.00	2.50
Plant & Equipments	83.86	83.85	20.96
Electrification	6.00	-	-
Generator	7.00	-	-
Furniture & Office Equipments	1.95	-	-
Preliminary & Pre op. expenses	3.00	1.35	0.34
Working Capital margin	12.00	-	-
TOTAL	181.81	136.45	34.11 Limited to 26.095

The company has already availed an assistance of Rs. 23.905 lakh approved by 35th PAC held on 24.02.2011. Hence the PAC approved the project with an eligible subsidy of Rs.26.095 lakh only, limiting the total subsidy to Rs.50.00 lakh.

19. Setting up of a Desiccated Coconut Powder & Virgin Coconut Oil Manufacturing Unit- M/s Mahavir Coconut Products, Chandan - Chetan, Sadana Road, K.R Extension, Tumkur-572101, Karnataka (Agenda S. No -20)

The objective of the project is setting up of a desiccated coconut powder and virgin coconut oil manufacturing unit to process 50,000 coconuts per day for producing 4.60 metric ton desiccated coconut powder and 0.32 metric ton virgin coconut oil per day

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land & Land Dev.	45.00	-	-
Plant & Equipments	169.36	124.72	31.18
Building & Civil works	314.30	83.00	20.75

Preliminary & Pre op. expenses	10.00	2.07	0.51
Others	21.34	-	-
Working Capital margin	50.00	-	-
TOTAL	610.00	209.79	52.44 Limited to 50.00

The project is approved with an eligible subsidy of Rs.50.00 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

Integrated Coconut Processing Units

20. Setting up of an Integrated Coconut Processing Unit- M/s Noveal Coconut Producer Co. Ltd, Reg. Office, Konkapalli, Amalapuram, E.G. Dist, Andhra Pradesh (Agenda S. No - 25)

The objective of the project is setting up of an integrated coconut processing unit to process 6.25 metric ton coconut/day to produce virgin coconut oil- 500 kg, partially defatted powder- 667 kg, coconut chips-300 kg, coconut water based drink – 750 litres and vinegar- 500 litres

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
(Rs. in lakhs)			
Land & Land Dev.	1.00	-	-
Building & Civil works	81.25	66.00	16.50
Plant & Equipments	149.64	149.64	37.41
Furniture & Fittings	1.00	-	-
Electrical & Electronic Installation	16.43	7.48	1.87
Preliminary & Pre op. expenses	4.55	2.23	0.56
Working Capital margin	23.63	-	-
TOTAL	277.50	225.35	56.64 Limited to 50.00

Shri D.R. Raju, Chairman, Noveal Coconut Producer Co. Ltd presented the project in detail. Chairman, CDB suggested that the company should appoint

technical and managerial professionals for the effective running of the company. Chairman advised to explore the possibilities of financial support under schemes of NABARD mainly Farmers Producers Organization – Promotion Fund (FPO – PO) fund scheme.

After detailed discussions, PAC approved the project in principle and authorized the Chairman, CDB to approve the project on submission of relevant documents as per TMOC norms.

21. Establishment of an Integrated Coconut Processing Unit for the Production of Coconut Juice (Flavoured Coconut Milk) and Virgin Coconut Oil - M/s Tirur Coconut Producer Co. Ltd, Muttanur, Porathur, Malappuram Dist, Kerala (Agenda S. No -27)

The objective of the project is setting up of an integrated coconut processing unit to process 15000 coconuts per day out of which 5000 coconuts will be processed for flavoured coconut juice and 10000 coconuts per day will be processed for virgin coconut oil.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
(Rs in lakhs)			
Land	leased	-	-
Building (4042 sq. feet) & other civil works	45.00	36.42	9.11
Plant & Machinery	155.00	155.00	38.75
Effluent treatment plant	10.00	10.00	2.50
Electrification	10.00	7.75	1.94
Generator	6.30	5.00	1.25
Working Capital margin	23.70	-	-
TOTAL	250.00	214.17	53.55 Limited to 50.00

After detailed discussion, PAC approved the project.

22. Setting up of an Integrated Coconut Processing Unit for Virgin Coconut Oil & Desiccated Coconut Powder- M/s Kalco Agro Products Pvt Ltd, Temple View Apartments, Malaviya St, Ram Nagar, Coimbatore, Tamilnadu (Agenda S. No - 21)

The objective of the project is setting up of a virgin coconut oil and desiccated coconut powder manufacturing unit to process 75,000 coconuts per day, out of which 50,000 coconuts for making VCO and 25,000 coconuts for making desiccated coconut powder.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
(Rs. in lakhs)			
Land	Own	-	-
Building (Renovation)	60.00	44.38	11.10
Plant & Equipments	170.00	170.00	42.50

RO Plant	5.00	4.30	1.07
ETP	10.00	10.00	2.50
DG Set	8.50	5.00	1.25
Electrical Installation	5.00	-	-
TOTAL	258.50	233.68	58.42 Limited to 50.00

After detailed discussion, PAC approved the project.

23. Setting up of an Integrated Coconut Processing Unit for Virgin Coconut Oil, Coconut Milk Powder, Desiccated Coconut Powder and Vinegar- M/s Phalada Agro Research Foundations Pvt. Ltd, Segehalli Cross, Magadi Main Road, Bangalore, Karnataka (Agenda S. No -22)

The objective of the project is setting up of an integrated unit for processing of 5000 coconuts per day for producing virgin coconut oil, coconut milk powder, desiccated coconut powder and vinegar.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	Lease	-	-
Land Leveling and box drainage	6.00	-	-
Fencing, Compound Wall and Gates	8.00	-	-
Electrification	4.00	4.00	1.00
Plant & Equipments	104.45	81.97	20.49
Building & Civil works and Internal partition	61.00	36.00	9.00
RO water purifier	2.70	2.70	0.68
Staff salary	9.00	-	-
Preliminary and Pre-op. Expenses	4.85	1.24	0.31
TOTAL	200.00	125.91	31.48

The project is approved with an eligible subsidy of Rs.31.48 lakh.

Research Projects

24. Developing Healthy and Diabetic Friendly Products from Deoiled Desiccated Coconut Powder and Millets - CSIR-Central Food Technological Research Institute, Mysore-570020, Karnataka (Agenda S. No -2)

The objectives of the project are as follows:

- Identification and characterization of bioactive components like polyphenols, carotenoids and dietary fiber from the deoiled desiccated coconut powder and selected underutilized millets.
- Determination of the physical properties and changes occurring due to the processing of millet grains and deoiled coconut with an emphasis on their nutritional, functional and technological characteristics related to product development.
- Development of processes for ready-to-eat convenience health foods using processed coconut fibre and millet grains and characterization of the products.

The Principal Investigator Dr. Sila Bhattacharya, Senior Principal Scientist, CFTRI, Mysore presented the project. The Committee informed that the CIT Vazhakulam has already developed 6 types of cookies by using desiccated coconut powder and various types of millets and cereals. Therefore the project is deferred.

25. Preparation of Coconut Flour from Whole Coconut (Kernel) for Development of Foods with Anti-Diabetes Properties - CSIR-Central Food Technological Research Institute, Mysore-570020, Karnataka (Agenda S. No -3)

The objectives of the project are as follows:

- To study the coconut cake polysaccharides and its anti diabetes property
- To develop food(s) for diabetics and obesity using coconut cake as ingredients

The Principal Investigator Dr. G. Suresh Kumar, Scientist, CFTRI, Mysore presented the project before the PAC. PAC suggested that the project may be revised for only product development.

However for the clinical studies on anti-diabetes properties of coconut flour, CDB may support the project jointly with the Department of Science and Technology/ICMR.

26. Development of Innovative Value Added Products using Coconut Milk- PSG College of Arts & Science, Civil Aerodrome Post, Coimbatore, Tamil Nadu (Agenda S. No-1)

The objectives of the project are as follows:

- ❖ To formulate health mixes using coconut milk powder and coconut flour
- ❖ To calculate the nutrient content of the selected formula.
- ❖ To evaluate the growth promoting activity of the health mix
- ❖ To assess the immune enhancing activity of foods prepared using coconut flour.
- ❖ To find out the shelf life of the formulated products
- ❖ To evaluate the economic feasibility and compare the cost with commercial products.

The project was presented by the Principal Investigator Dr. S. Radhai Sri, Associate Professor, PSG College of Arts & Science, Coimbatore. The PAC suggested to reduce the project period to 12 months and to revise the project. PAC discussed on various components and cost and approved the project with a total cost of Rs. 30.558 lakh with Board's share of Rs. 12.232 lakh including 10% institutional charges.

S. No	Particulars	Share of CDB (Rs. in lakh)	S. No	Particulars	Share of PSG (Rs. in lakh)
1	Research Fellowship	3.120	1	Electronic Balance	0.330
2	Consumables	6.000	2	Pulveriser	0.280
3	Contingencies	2.000	3	Hammer mill	0.800
	Total	11.120	4	Pasteurizer	5.600
4	Institutional charges (10%)	1.112	5	Retort Processing Unit	3.450
	Total	12.232	6	Steam boiler	4.200
			7	Homogenizer	2.000
			8	Over head charges	1.666
			Total	18.326	
	G. Total			30.558	

Chairman, CDB suggested that after 6 months, once the products are developed, PI may publish articles in Tamil and English journals about the wellness of coconut milk and innovative milk based products which will help to create more awareness, about the products.

27. Biochemical and Clinical Studies on Cardio Protective effect of health drink Neera- St. Thomas College, Pala, Arunapuram P O, Kottayam Dist, Kerala (Agenda S. No-4)

The objective of the project is evaluation of cardio protective effect of health drink Neera on Isoproterenol (ISO) induced myocardial infarction (MI) in experimental models and its clinical studies.

PAC perused the comments of experts Dr. Rajmohan, Professor (Retd), Kerala University and Dr. D.M. Vasudevan, Principal (Retd), AIMS, Kochi regarding the project. PAC agreed to the comments of the experts and opined that the project may not be accepted in the present form and PAC decided not to approve the project for funding under TMOC.

28. Coconut Wood Demonstration and Training Centre for Value Addition- M/s Kerala Furniture Consortium Pvt Ltd (KFCPL), Kodanad P, Perumbavoor, Ernakulam, Kerala (Agenda S. No- 5)

The objectives of the project are as follows:

- Conduct awareness programme to promote coconut wood products/furniture.
- Set up coconut wood demonstration and training centre to assist farmers in the product development training (CWDTTC).

After the detailed discussion, PAC suggested to reduce the duration of the project to one year with clearly defined deliverables and revise the project cost accordingly.

PAC suggested that the revised proposal should clearly spell out the details of machineries involved and the design consultancy expenses. Also the final deliverables should contain standard planks/tiles and furniture made out of good quality coconut wood.

Activated Carbon Manufacturing Units

29. Setting up of a Coconut Shell Based Activated Carbon Unit- M/s Activecarb, Chinnaputhur village, Dharapuram Taluk, Tiruppur District, Tamil Nadu (Agenda S. No-29)

The objective of the project is to process 30.00 metric ton of coconut shell charcoal per day to produce 10.00 metric ton activated carbon per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs in lakhs)		
Land	30.00	-	-
Building & Civil works	400.00	140.00	35.00
Effluent treatment & Disposal System	2.50	2.50	0.62
Plant & Equipments	425.71	425.00	106.25
Electrical Installation	57.44	-	-
Generator	15.03	5.00	1.25
Furniture & Office Equipments	4.61	-	-
Preliminary & Pre op. expenses	10.00	5.72	1.43
Working Capital margin	125.00	-	-
TOTAL	1070.29	578.22	144.55 Limited 50.00

The project is approved with an eligible subsidy of Rs.50.00 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

30. Establishment of an Activated Carbon Manufacturing Unit- M/s Elite Carbon Creations Pvt. Ltd, Sriman Narayan Nagar, Palladam Road, T. Kottampatti, Pollachi, Tamilnadu (Agenda S. No -30)

The objective of the project is to process coconut shell charcoal to produce 4.00 metric tons of activated carbon per day

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs in lakhs)		
Land	Leased	-	-
Building & Civil works	120.30	80.00	20.00
Plant & Equipments	228.99	213.27	53.31
Preliminary & Pre op. expenses	2.00	2.00	0.50

Furniture and office Equipments	2.96	-	-
Working Capital margin	25.75	-	-
TOTAL	380.00	295.27	73.81 Limited to 50.00

After detailed discussion, PAC approved the project.

31. Setting up of an Activated Carbon Manufacturing Unit- M/s Pandian Carbon, Uppalam, Thuppaspatti Street, Tuticorin – 628 002, Tamil Nadu (Agenda S. No -31)

The objective of the project is to produce 3.00 metric tons of activated carbon per day from coconut shell based charcoal.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs in lakhs)		
Land	Leased	-	-
Building & Civil works	50.00	50.00	12.50
Plant & Equipments	170.00	170.00	42.50
Working Capital margin	20.00	-	-
TOTAL	240.00	220.00	55.00 Limited to 50.00

The project is approved with an eligible subsidy of Rs.50.00 lakh. PAC advised the promoter to convert the unit into a Pvt. Ltd. company for raising equity, tax benefits and for effective governance system and attracting professional staff for effective running of the unit.

Coconut Oil Manufacturing Units

32. Setting up of a Coconut Oil Manufacturing Unit and other Value Added Products at Muduvana- M/s Vadakara Coconut Farmers Producer Co. Ltd, Al-Diyafa Complex, Vatakara, Kozhikode, Kerala (Agenda S. No –32)

The objective of the project is to process 4.00 metric tons of copra per day for producing 2.60 metric ton of coconut oil and 1.40 metric ton of coconut oil cake per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land & Land Dev.	15.00	-	-
Building & Civil Works	30.00	30.00	7.50
Plant & Equipments	128.18	128.18	32.05
Pre-operative Expenses	4.27	1.58	0.39
Total	177.45	159.76	39.94

The project is approved with an eligible subsidy of Rs.39.94 lakh.

33. Setting up of a Coconut Oil Manufacturing Unit- M/s Perambra Coconut Producer Co. Ltd, Alankar Arcade, PP1/994F, State Highway, Perambra, Kozhikode, Kerala (Agenda S. No-33)

The objective of the project is to process 10.00 metric tons of copra per day for producing 6.40 metric tons of coconut oil and 3.60 metric ton of coconut oil cake.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land	40.00	-	-
Plant & Machinery	180.00	180.00	45.00
Building and civil works	50.00	20.00	5.00
Electrical installation	14.00	9.00	2.25
Laboratory Equipments	2.00	2.00	0.50
Furniture and Office Equipments	3.00	-	-
Preliminary & Pre op. expenses	1.00	1.00	0.25
Working Capital	60.00	-	-
TOTAL	350.00	212.00	53.00 Limited to 50.00

After detailed discussion, PAC approved the project.

34. Setting up of Coconut Oil and Oil Cake Unit- M/s Kozhikode Coconut Farmers Producer Company, P O., Kunnamangalam, Kozhikode, Kerala (Agenda S. No-34)

The objective of the project is to process 10.00 metric tons of copra per day for producing 6.40 metric tons of coconut oil and 3.60 metric ton of coconut oil cake.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land & Land Dev.	100.00	-	-
Plant & Equipments	150.00	150.00	37.50
Building & Civil works	71.00	35.30	8.83
Electrical & Electronic Installation	10.00	7.50	1.87
Furnitures	2.00	-	-
Preliminary & Pre	2.00	1.93	0.48

op. expenses			
Working Capital margin	150.00	-	-
TOTAL	485.00	194.73	48.68

After detailed discussion, PAC approved the project.

35. Setting up of Coconut Oil Unit- M/s Onattukara Coconut Producer Company Ltd, Kattanam, Pallickal P O, Alappuzha, Kerala (Agenda S. No-35)

The objective of the project is to process 10.00 metric tons of copra per day for producing 6.40 metric tons of coconut oil and 3.60 metric ton of coconut oil cake.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakhs)		
Land & Land Dev.	5.59	-	-
Plant & Equipments	93.91	93.91	23.48
Building & Civil works	109.00	65.74	16.43
Electrical Installation	31.00	4.70	1.18
Vehicles	7.50	-	-
Furniture and office equipments	6.10	-	-
Preliminary & Pre op. expenses	10.87	1.64	0.41
Working Capital margin	27.80	-	-
Grand total	291.77	165.99	41.50

After detailed discussion, PAC approved the project.

36. Setting up of Coconut Oil Unit- M/s Tirur Coconut Producer Company Ltd, Muttannur, Purathur, Tirur, Malappuram Dist, Kerala (Agenda S. No-36)

The objective of the project is to process 10.00 metric tons of copra per day for producing 6.40 metric tons of coconut oil and 3.60 metric ton of coconut oil cake.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(` Rs. in lakhs)		
Land & Land Dev.	Own	-	-
Plant & Equipments	146.73	146.73	36.68
Building	37.00	31.30	7.83
ETP	2.50	2.50	0.62
Generator	12.28	5.00	1.25
Electrification	12.72	7.33	1.83
Furniture, weighing scale, storage etc	1.99	-	-
Preliminary	3.00	1.93	0.48
Working Capital margin	32.78	-	-
Grand total	249.00	194.75	48.69

After detailed discussion, PAC approved the project.

Ball Copra Making Units

37. Setting up of a Ball Copra Making Unit- Shri Pabolu Venkata Narasimha Rao, Totlapalem, Peruru, Amalapuram Mandal, East Godavari Dist, Andhra Pradesh (Agenda S. No – 38)

The objective of the project is to process 10.00 lakh coconuts per year for making ball copra.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
(Rs. in lakhs)			
Land & Land Dev.	21.55	-	-
Platform Dryer	41.50	41.50	10.37
Preliminary & Pre op. expenses	3.00	-	-
Working Capital margin	9.00	-	-
TOTAL	75.05	41.50	10.37

The project is approved with an eligible subsidy of Rs. 10.37 lakhs.

38. Setting up of a Ball Copra Making Unit- Shri Sunkara V. V. Satyanarayana, Mamidikuduru Mandal, East Godavari Dist, Andhra Pradesh (Agenda S. No - 39)

The objective of the project is to process 4.00 lakh coconuts per year for making ball copra.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
(Rs in lakhs)			
Land & Land Dev.	10.00	-	-
Platform Dryer	15.00	15.00	3.75
Preliminary & Pre op. expenses	-	-	-
Working Capital margin	-	-	-
TOTAL	25.00	15.00	3.75

The project is approved with an eligible subsidy of Rs. 3.75 lakhs.

Copra Dryer Units

39 -59. Setting up of Copra Dryer Units by the FPOs as detailed below (Agenda S. No 37 and 40 to 59)

S. No	Name of FPO	Capacity of the unit	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
			(Rs in lakhs)		
1	M/s Ramamangalam Federation of Coconut Producer Society, Ramamangalam, Ernakulam Dist, Kerala	10,000 coconuts per day	22.95	22.95	5.73
2	M/s Athijeevana Ulpadana Society,P.O Etavarate, Perambra, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
3	M/s Arikkulam Federation of Coconut Producer Societies, Karayad P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
4	M/s Koyilandi sagara Federation of Coconut Producer Societies, Muchukunnu P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
5	M/s Moodadi Federation of Coconut Producer Societies, Koyilandi, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
6	M/s Chakkittapara Federation of Coconut Producer Societies, Chakkittapara P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
7	M/s Ulliyeri Federation of Coconut Producer Societies, Ulliyeri P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
8	M/s Bapuji Federation of Coconut Producer Societies, Perambra P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
9	M/s Changaroth Federation of Coconut Producer Societies, Paleri town, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
10	M/s Atholi Federation of Coconut Producer Societies, Atholi P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31

11	M/s Malanad Federation of Coconut Producer Societies, Chakkittapara P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
12	M/s Perambra Federation of Coconut Producer Societies, Perambra, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
13	M/s Nochad Federation of Coconut Producer Societies, Nochad P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
14	M/s Keezhariyoor Federation of Coconut Producer Societies, Keezhariyoor P O, Kozhikode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
15	M/s Chengottukavu Federation of Coconut Producer Societies, Koyilandi PO, Kozhikkode, Kerala.	10,000 coconuts per day	30.00	25.25	6.31
16	M/s Tirur Federation of Coconut Producers Societies, Chembra, Meemadathur Post, Tirur, Malappuram, Kerala.	10,000 coconuts per day	26.77	24.71	6.17
17	M/s Purathur Kera Karshaka Federation of CPS, Purathur, Muttanoor Post, Tirur, Malappuram, Kerala.	10,000 coconuts per day	26.77	24.71	6.17
18	M/s Vettom North Kera Karshaka Federation of Coconut Producers Societies, Pariyapuram, Tirur, Malappuram, Kerala.	10,000 coconuts per day	26.77	24.71	6.17
19	M/s Mangalam Kera Karshaka Federation of CPS, Chennara, Mangalam, Malappuram, Kerala.	10,000 coconuts per day	26.77	24.71	6.17
20	M/s Kunnamangalam Federation of Coconut Producer Society, Kunnamangalam PO, Kozhikode, Kerala.	10,000 coconuts per day	22.90	20.33	5.08
21	M/s Ollur Federation of Coconut Producers Societies, Surabhi Road, Kuttanellur P.O, Thrissur, Kerala.	10,000 coconuts per day	27.83	23.59	5.90

After detailed discussion, PAC approved the above 21 projects of FPOs for setting up of copra dryer units.

Other Items: Setting up of Coconut Points (Agenda 1-8)

The following FPOs have set up coconut points for sale of various coconut products. The points were inspected by the CDB officials and based on their recommendations, the eligible subsidy of 50% of the cost of the coconut points limited to Rs. 1.50 lakh was reimbursed to the FPOs as detailed in the table.

S. No	Name of FPO	Location of coconut point	Total Project Cost (Rs.)	Eligible Subsidy (Rs.)	Date of Inspection	Name of Inspecting Officer
1	M/s Onchiyam Grameena Nalikeru Ulpadaka Federation, Nadapuram, Kozhikode, Kerala	Nadapuram Road, Vadakara	1,61,446	80,723	21.08.2015	Ms. Mrudula K, Technical Officer
2	M/s Purameri Federation of Coconut Producers Society, Purameri, Kozhikode, Kerala	Purameri Town, Kadathanad	2,22,884	1,11,442	21.08.2015	Ms. Mrudula K, Technical Officer
3	M/s Ramapuram Nalikeru Ulpadaka Federation, Pala, Kottayam Dist, Kerala	Ramapuram, Kottayam	3,00,538	1,42,044	31.10.2015	Shri K.S Sebastian, AD (Mkg.)
4	M/s Kodungalloor Coconut Producers Company Ltd, Edavilangu Thrissur, Kerala	Edavilangu, Thrissur	2,23,611	1,11,806	24.08.15	Shri. Sajan T Varghese, Field Officer
5	M/s Kodungalloor Coconut Producers Company Ltd, Poyya, Thrissur, Kerala	Poyya Thrissur	1,58,703	79,352	22.12.15	Shri. Sajan T Varghese, Field Officer
6	M/s Kodungalloor Coconut Producers Company Ltd, Perinjanam, Thrissur, Kerala	Perinjanam Thrissur	1,75,160	85,480	14.12.15	Shri. Sajan T Varghese, Field Officer
7	M/s Kodungalloor Coconut Producers Company Ltd, Vellangallur, Thrissur, Kerala	Vellangallur Thrissur	84,572	42,286	10.9.15	Shri. Sajan T Varghese, Field Officer
8	M/s Purathur Kera Karshaka Federation of Coconut Producers Society, Malappuram Dist., Kerala	Alathiyoor, Tirur	3,09,316	1,50,000	30.12.15	Shri K.S Sebastian, AD (Mkg.)
	Total		16,36,230	8,03,133		

After detailed discussion, PAC ratified an expenditure of Rs. 8,03,133/- reimbursed to the above FPOs for setting up of eight coconut points.

Supplementary Agenda

60. Establishment of a Neera Processing Unit- M/s Tirur Coconut Producer Co. Ltd., Muttanur, Purathur, Malappuram Dist, Kerala.

The project was presented by Shri Ravindran, CEO, Tirur Coconut Producer Co. Ltd, Malappuram. The objective of the project is to process 5000 litres of Neera per day for making of Neera Beverage, Neera Sugar and Neera Honey.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
(Rs in lakhs)			
Land	-	-	-
Building & other civil works	31.40	30.00	7.50
Plant & Machinery	152.11	152.11	38.02
Effluent treatment plant	10.00	10.00	2.50
Electrification	12.00	7.60	1.90
Generator	6.50	5.00	1.25
Laboratory Equipments	3.00	3.00	0.75
Furniture	2.48	-	-
Preliminary Expenses	2.00	2.00	0.50
Working Capital margin	29.51	-	-
Total	249.00	209.71	52.42 Limited to 50.00

After detailed discussion, PAC approved the project.

Setting up of Copra Dryer Units

S.No	Name of FPO	Capacity of the unit	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
			(Rs. In lakhs)		
61	M/s Purameri Federation of Coconut Producer Societies, Vadakara, Kozhikode, Kerala.	10,000 coconuts per batch	24.00	16.44	4.11
62	M/s Patterpalam Federation of Coconut Producer Societies, Chelannur, Kozhikode, Kerala.	10,000 coconuts per day	28.79	16.68	4.17

After detailed discussion, PAC approved the above two projects.

Chief Coconut Development Officer

List of Participants

A	Project Approval Committee
1	Mr. T.K. Jose IAS Chairman, Coconut Development Board, Kochi & PAC Chairman
2	Dr. V. Krishna Kumar Head, Regional Station, CPCRI, Kayamkulam Representative of - Assistant Director General (Plantation Crops), ICAR, New Delhi
3	Dr. Bheemaraya Marketing Officer, O/o Assistant Agricultural Marketing Adviser, DMI, Kochi Representative of - Joint Secretary & Agricultural Marketing Adviser, Govt. of India, New Delhi
4	Dr. P. Vijayaraj, Scientist, CFTRI, Mysore, Karnataka Representative of - Director, Central Food Technological Research Institute (CSIR), Mysore
5	Ms. Usha K. Dy. General Manager, NABARD, Regional Office, Thriuvananthapuram Representative of – Chief General Manager, Technical Service Department, NABARD, Mumbai
6	Mr. Vasanthakumar P AGM, Indian Overseas Bank, Kochi Representative of – Chief General Manager, Indian Overseas Bank, Bangalore
7	Mr. Rajeev P. George, Chief Coconut Development Officer i/c, Coconut Development Board, Kochi & Member Secretary, PAC
B	Technical Expert
1	Dr. M. Aravindakshan Former Chairman, CDB
C	Officials of CDB
1	Mr. R. Jnanadevan Deputy Director, CDB, Kochi
2	Mr. S.S. Choyal, Assistant Director (TMOC), CDB, Kochi
3	Mr. K.S. Sebastian Assistant Director (Mkg.), CDB, Kochi

4	Ms. Resmi D.S. Assistant Director, CDB, Kochi
5	Mr. G.M. Siddharameswara Swamy, Assistant Marketing Officer, CDB, Kochi
6	Ms. Annie Eappen, Chemist, CDB, Vahzakulam
7	Mr. Sasikumar C, Technical Officer, CDB, Kochi
8	Ms. Jyothi K Nair, Processing Engineer (on Contract) CDB, Kochi
9	Ms. Geethu A. S, Processing Engineer (on Contract) CIT, Vahzakulam