

**Proceedings of the 49<sup>th</sup> Meeting of  
Project Approval Committee (PAC) of Technology Mission on  
Coconut held at Kochi on 23<sup>rd</sup> January 2017**

The 49<sup>th</sup> 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 **23<sup>rd</sup> January 2017**. Dr. A.K.Singh, Chairman, Coconut Development Board and Chairman PAC presided over the meeting. At the outset he welcomed all the members of the PAC and agenda were taken up. The list of participants is enclosed as *Annexure-I*.

**AGENDA No. 1: Confirmation of the Proceedings of 48<sup>th</sup> Project Approval  
Committee Meeting held on 15<sup>th</sup> June 2016.**

The Committee confirmed the proceedings of the 48<sup>th</sup> Project Approval Committee meeting held on 15/06/2016.

**AGENDA No. 2: Action Taken Report on Decisions of the 48<sup>th</sup> PAC Meeting**

The committee perused the action taken on decisions of the 48<sup>th</sup> meeting of Project Approval Committee. Deputy Director (Tech) informed that out of 18 projects sanctioned in the last PAC, 17 projects action has been taken and projects are progressing. One project of M/s Medapallil Foods Pvt Ltd, Chakkittapara Post, Kozhikode, Kerala is yet to be commenced. The promoter informed that they are in the process of changing the bank, so after changing the bank, further action will be taken by the promoter.

**AGENDA No. 3: Approval of New Project Proposals:**

**1. Establishment of Parasitoid Breeding Lab - Coconut Development Board, DSP Farm, Pitapalli, Odisha**

The objective of the project is as follows:

- To establish a Parasite Breeding Lab for the Production of *Goniozus nephantidis* (5 lakh parasitoid) at DSP Farm, Pitapalli, Odisha for Controlling Black Headed caterpillar in Coconut Plantations.

Shri Mukund Kumar Singh, Assistant Director, Coconut Development Board, DSP Farm, Pitapally, Odisha, presented the project.

PAC discussed the project in detail and approved the project with a total project cost of **Rs. 7.46 lakh**.

**2. Standardization of Protocol for the Preparation of Frozen Coconut Delicazy – ICAR-Central Plantation Crops Research Institute (CPCRI), Kasaragod, Kerala**

The objectives of the project are as follows:

- To optimize the level of ingredients, machine and process parameters for the preparation of frozen coconut delicazy.
- To undertake techno-economical evaluation of the optimized product.

- To undertake demonstration on the developed technology.

Dr. Shameena Begum P.P, Principal Investigator (P.I) presented the project. PAC discussed the project in detail and it was observed that the technologies for developing coconut based ice creams are already available in other countries. It is not available in the country so the common entrepreneur cannot approach for the technology. So we should have our own technology for training to prospective entrepreneurs.

The PAC agreed in principle to approve the project but due to fund constraints it was decided to defer the project to the next PAC.

### **3. Development of Ready-to-Eat Extruded Snacks from Co-products of Coconut Processing – ICAR-Central Plantation Crops Research Institute (CPCRI), Kasaragod, Kerala**

The objectives of the project are as follows:

- To investigate the effect of co-products of coconut processing on the physical, functional, textural and biochemical properties of ready to eat extrudate as a function of extrusion conditions.
- To optimize the feed composition and machine parameters for the production of ready to eat extrudates at pilot level.
- To evaluate the storage stability of the optimized ready to eat extrudate.

Shri M.R. Manikantan, Senior Scientist and Principal Investigator (P.I) presented the project.

PAC discussed the project in detail and approved the project with a total project cost of Rs. **37.70 lakh**.

### **4. Coconut Wood Preservation for Aquatic Purposes Using Nano Biocides and Assessment of Ecotoxicity – ICAR - Central Institute of Fisheries Technology (CIFT), CIFT Junction, Matsyapuri P.O, Cochin, Kerala**

The objectives of the project are as follows:

- To investigate the effect of nano biocides on the durability of the coconut wood for terrestrial and aquatic applications of treated wood.
- To assess the resistance of treated wood to biodegradation.
- To assess the ecotoxicity of nano biocides on the environment.

Dr. Leela Edwin, Principal Scientist and Principal Investigator presented the project. PAC discussed on the project in detail and about the commercial viability of the project. Since CDB is focusing on the direct product development from coconuts and this project is not directly based on value addition in coconut; hence PAC decided that the project need not be considered for funding under TMOC.

### **5. Detection of Spoiled Coconut at Pre-Processing Stage by Portable Wireless Electronic Sensor - Indian Institute of Technology (IIT), Roorkee, Uttarakhand**

The objectives of the project are as follows:

- Nutritional profiling of healthy and diseased coconut and its co-relation with overall changes in the permittivity of the coconut in relation to RF- signals.
- Volatile profile of spoiled coconut to find out most abundant disease associated volatile metabolites.
- Development and validation of a portable wireless electronic sensor prototype for early detection of spoiled coconuts at pre-processing stage.

Dr. Debabrata Sircar, Assistant Professor and Principal Investigator (P.I) presented the project. PAC discussed the project in detail. It was suggested to procure coconuts from Tiptur in Karnataka and nearby CDB farms for the research studies.

PAC approved the project with a total project cost of **Rs. 54.00 lakh**.

**6. Cocobot - A Coconut Tree Climber - M/s Fennec Fox Technologies, 3/3/3B Marva, Yashashree Colony, Cummins College Road, Near Rajaram Bridge, Karvenagar, Pune, Maharashtra**

The objective of the project is as follows:

- To build a tree climbing machine which can bear a loading capacity up to 100-150 Kg.

Shri Prasad Dixit, Principal Investigator (P.I) demonstrated the prototype and presented the project. PAC discussed the project in detail and the committee decided to purchase 5 numbers of cocobot machines for the CDB, DSP Farms and see the field level performance and feasibility and get the feedback. The Chairman further suggested to make a demonstration at CDB DSP Farm at Mandya and also suggested to visit CPCRI to carry out a comparative study with the existing machine.

**Desiccated Coconut Powder Manufacturing Units**

**7. Setting up of Desiccated Coconut Powder Manufacturing Unit - M/s Asian Coconut Mills, 144, Karur Road, Kangayam, Tirupur, Tamil Nadu**

The objective of the project is setting up of desiccated coconut powder manufacturing unit with capacity to process 27,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Building & Civil works	50.00	30.66	7.66
ETP	4.90	4.90	1.22
Plant & Equipments	47.70	46.00	11.50
Electrical fittings	4.49	2.30	0.58
Working Capital Margin	12.50	-	-
<b>TOTAL</b>	<b>119.59</b>	<b>83.86</b>	<b>20.96</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 20.96 lakh**.

**8. Setting up of Desiccated Coconut Powder Manufacturing Unit - M/s Maruthi Coconut Industries, Sy. 31, Kalkere Road, Hucanahatti, Tumkur , Karnataka**

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.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Building & Civil works	57.50	21.85	5.46
Plant & Machinery	32.77	32.77	8.19
ETP	8.50	8.50	2.13
Preliminary & Pre op. expenses	1.23	0.63	0.16
Working Capital margin	7.00	-	-
<b>TOTAL</b>	<b>107.00</b>	<b>63.75</b>	<b>15.94</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion and recalculation of eligible project cost and eligible subsidy, PAC approved the project with a maximum eligible subsidy of **Rs. 15.94 lakh**.

**9. Setting up of Desiccated Coconut Powder Manufacturing Unit - M/s Maharani Agro Products, Iringallur Post, GA College, Kozhikode, Kerala**

The objective of the project is setting up of a desiccated coconut powder manufacturing unit with a capacity to process 30,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Lease	-	-
Building & Civil works	106.23	53.00	13.25
Plant & Equipments	120.77	120.77	30.19
ETP	15.00	-	-
Electrification	15.00	-	-
Generator	5.77	4.75	1.19
Office equipments	3.75	-	-
Preliminary & Pre op. expenses	2.72	1.78	0.44
Working Capital margin	15.76	-	-
<b>TOTAL</b>	<b>285.00</b>	<b>180.30</b>	<b>45.07</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 45.07 lakh**.

**10. Setting up of Desiccated Coconut Powder Manufacturing Unit – M/s Hasmuk Food Processing Pvt. Ltd, No. 641 III Main, Kengeri Satellite Town, Bangalore, Karnataka**

The objective of the project is setting up of a desiccated coconut powder manufacturing unit with a capacity to process 40,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. in lakh)</b>		
Land	Lease	-	-
Building & Civil works	Lease	-	-
Plant & machinery	88.59	65.95	16.49
ETP	23.83	10.00	2.50
RO Plant for water purification	7.58	7.58	1.89
Working Capital margin	12.00	-	-
<b>TOTAL</b>	<b>132.00</b>	<b>83.53</b>	<b>20.88</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 20.88 lakh**.

**11. Setting up of Desiccated Coconut Powder Manufacturing Unit – M/s S.A. Exports, 4/135, Kumarapalayam, Muthunaickenpatty, Palani Tk, Dindigul, Tamil Nadu**

The objective of the project is setting up of a desiccated coconut powder manufacturing unit with a capacity to process 60,000 coconuts per day in two shifts.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Building & Civil works	62.30	53.00	13.25
Plant & Equipments	102.35	100.15	25.04
ETP	8.25	8.25	2.06
Electrification	12.00	5.00	1.25
Generator	6.10	5.00	1.25
Preliminary & Pre op. expenses	2.80	1.71	0.43
Working Capital margin	33.20	-	-
<b>TOTAL</b>	<b>227.00</b>	<b>173.11</b>	<b>43.28</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion and recalculation of the eligible project cost and eligible subsidy, PAC approved the project with a maximum eligible subsidy of **Rs. 43.28 lakh**.

**12. Expansion of the Existing Desiccated Coconut Powder Manufacturing Unit- M/s A.M. Coconut Industries, 1179/2, Kulathupalayam, Kangayam, Tirupur, Tamil Nadu**

The objective of the project is expansion of existing desiccated coconut powder manufacturing unit with a capacity to process 33,000 coconuts per day from the existing capacity of 16,300 coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land & Land Dev.	-	-	-
Building & Civil works	26.00	21.02	5.26
Plant & Equipments	31.53	31.53	7.88
Electrical installation	0.67	0.67	0.17
Pre op. expenses	1.00	0.53	0.13
Working Capital margin	19.46	-	-
<b>TOTAL</b>	<b>78.66</b>	<b>53.75</b>	<b>13.44</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion and recalculation of the eligible project cost and eligible subsidy, PAC approved the project with a maximum eligible subsidy of **Rs. 13.44 lakh**.

**Virgin Coconut Oil Manufacturing Units**

**13. Setting up of Virgin Coconut Oil Manufacturing Unit – M/s Green Valley Oils, Irumbakachola, Kanjirapuzha, Palakkad, Kerala**

The objective of the project is setting up of a virgin coconut oil manufacturing unit with a capacity to process 20,000 coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Building & Civil works	53.35	45.08	11.27
Effluent Treatment & Disposal system	11.00	11.00	2.75
Plant & Equipments	104.95	91.42	22.86
Generator	10.47	5.00	1.25
Electrification	3.00	2.86	0.71
Technical know-how	0.58	0.58	0.14
Furniture & Office equipments	1.04	-	-
Working Capital margin	15.61	-	-
<b>TOTAL</b>	<b>200.00</b>	<b>155.94</b>	<b>38.98</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 38.98 lakh**.

**14. Setting up of Virgin Coconut Oil Manufacturing Unit – M/s Vasudha Industries, 15/64A, Barathidasan Street, Avinashi TK, Tirupur, Tamil Nadu**

The objective of the project is setting up of a virgin coconut oil manufacturing unit with a capacity to process 5,000 coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Plant & Equipments	20.00	20.00	5.00
Technical know-how	0.60	0.60	0.15
Electrification	2.00	1.00	0.25
Preliminary & Pre op. expenses	1.00	0.21	0.05
Working Capital margin	6.00	-	-
<b>TOTAL</b>	<b>29.60</b>	<b>21.81</b>	<b>5.45</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 5.45 lakh**.

**15. Setting up of Virgin Coconut Oil Manufacturing Unit – M/s Stessa Super Foods, Mudappallur Post, Palakkad, Kerala**

The objective of the project is setting up of virgin coconut oil manufacturing unit with a capacity to process 2,370 coconuts per day by adopting CPCRI developed technology.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Building & Civil works (including ETP)	33.00	15.75	3.94
Plant & Equipments	19.48	19.48	4.87
Electrification	0.90	0.90	0.23
Generator	3.25	3.25	0.81
Preliminary & Pre op. expenses	1.62	0.39	0.09
Working Capital margin	3.75	-	-
<b>TOTAL</b>	<b>62.00</b>	<b>39.77</b>	<b>9.94</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 9.94 lakh**.

**16. Setting up of a Virgin Coconut Oil Manufacturing Unit & Processing of by-product - Matured Coconut Water- M/s Sun Bio Naturals (India) Pvt Ltd., Sun Tower, Super A7, TVK Industrial Estate, Guindy, Chennai, Tamilnadu**

The objective of the project is setting up of a virgin coconut oil manufacturing unit & processing of by-product matured coconut water with a capacity to process 1 lakh coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs in lakh)</b>		
Land	20.00	-	-
Plant & Equipments	239.00	238.44	59.61
Building & Civil works	155.00	71.86	17.96
Electrical Installation	75.00	-	-
Preliminary & Pre op. expenses	15.00	3.10	0.78
Miscellaneous Fixed Assets	20.00	-	-
Working Capital margin	30.00	-	-
<b>TOTAL</b>	<b>554.00</b>	<b>313.40</b>	<b>78.35</b> <b>Limited to 50.00</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 50.00 lakh**.

**17. Setting up of Virgin Coconut Oil Manufacturing Unit – M/s Priya Agro, Illathuzhazhe, Thalassery, Kannur Dist, Kerala**

The objective of the project is setting up of a virgin coconut oil manufacturing unit with a capacity to process 5,000 coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Lease	-	-
Building & Civil works	19.20	19.20	4.80
Plant & Equipments	29.58	29.58	7.39
ETP	0.40	0.40	0.10
Technical know-how	0.60	0.60	0.15
Electrification	1.53	1.48	0.37
Working Capital margin	5.69	-	-
<b>TOTAL</b>	<b>57.00</b>	<b>51.26</b>	<b>12.81</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 12.81 lakh**.



**18. Setting up of Virgin Coconut Oil Manufacturing Unit – M/s Vama Oil Private Ltd, 3/117, Peedampalli Main Road, Peedampalli Post, Coimbatore, Tamil Nadu**

The objective of the project is setting up of virgin coconut oil manufacturing unit with a capacity to process 8 Metric Tons of desiccated coconut powder to produce 4 tons of VCO per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. in lakh)</b>		
Land	Leased	-	-
Building & Civil works (Including ETP)	35.00	20.00	5.00
Plant & Machinery	73.23	73.07	18.27
Electrification	8.00	3.12	0.78
Generator	7.00	5.00	1.25
Furniture & Office equipments	1.50	-	-
Working Capital margin	40.27	-	-
<b>TOTAL</b>	<b>165.00</b>	<b>101.19</b>	<b>25.30</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 25.30 lakh**.

**19. Setting up of Virgin Coconut Oil Manufacturing Unit – M/s K.L.F. Nirmal Industries (P) Ltd., Fr. Dismas Road, P.B.No. 40, Irinjalakkuda, Thrissur, Kerala**

The objective of the project is setting up of virgin coconut oil manufacturing unit with a capacity to process 2 Metric Tons of desiccated coconut powder per day to make VCO-1MTs/day and partially defatted DC Powder -0.92 MTs/day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Building & Civil works	13.82	-	-
Plant & Equipments	319.44	312.08	78.02
Furniture & Fittings	1.00	-	-
Electrical & Electronic Installations	14.17	14.17	3.54
Preliminary & Pre op. expenses	2.80	2.80	0.70
Working Capital margin	45.84	-	-
<b>TOTAL</b>	<b>397.07</b>	<b>329.05</b>	<b>82.26 Limited to Rs. 50.00</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 50.00 lakh**.

### Neera Processing and Packaging Unit

20. **Setting up of Unit for Processing and Packaging of Neera and Neera Based Value Added Products - M/s Palakkad Coconut Producer Co. Ltd (PCPCL) , 10/728A, Little Tree, Urkulam, Muthalamada, Palakkad, Kerala**

The objective of the project is setting up of unit for processing and packaging of neera and neera based value added products with a capacity to process 3,200 liters per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	16.65	-	-
Building & Civil works	38.46	38.46	9.61
Plant & Equipments	191.47	168.01	42.00
Preliminary & Pre op. expenses	11.44	2.06	0.52
Working Capital Margin	20.07	-	-
<b>TOTAL</b>	<b>278.09</b>	<b>208.53</b>	<b>52.13 Limited to Rs. 50.00</b>

Being FPO, PAC suggested that the CPC should procure raw materials as far as possible from the member CPSs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 50.00 lakh**.

### Integrated Coconut Processing Units

21. **Setting up of Integrated Coconut Processing Unit for the production of DC, Chips and Vinegar - M/s Kalliath Agro Tech, Chembankunnu, Kyttichira Post, Chalakudy (Via), Thrissur, Kerala**

The objective of the project is setting up of an integrated coconut processing unit with a capacity to process 25,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Building & Civil works	48.35	24.00	6.00
Plant & Equipments including Generator	77.70	69.69	17.42
Preliminary & Pre op. expenses	2.80	0.93	0.23
Working Capital margin	16.15	-	-
<b>TOTAL</b>	<b>145.00</b>	<b>94.62</b>	<b>23.65</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 23.65 lakh**.

**22. Setting up of Neera Processing & Its Value Added Products and Coconut Oil Extraction Unit - M/s Malappuram Coconut Producer Co. Ltd, (MCPC), Room No. VP/9/336Q, Edavannappara, Cheruvayoor Post, Vazhakkad Via , Malappuram, Kerala**

The objective of the project is setting up of neera processing and its value added products and coconut oil extraction unit with a capacity to process 10,000 litres of neera and 20,000 coconuts for coconut oil per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land (Lease)	50.00	-	-
Building & Civil works (including ETP)	127.14	51.17	12.79
Plant & machinery (including electrical installation)	206.09	192.79	48.20
Preliminary & Pre op. expenses	12.97	2.43	0.60
Working Capital margin	32.20	-	
<b>TOTAL</b>	<b>428.40</b>	<b>246.39</b>	<b>61.59</b> <b>Limited to 50.00</b>

Being FPO, PAC suggested that the CPC should procure raw materials as far as possible from the member CPSs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 50.00 lakh**.

**Coconut Shell Charcoal Manufacturing Units**

**23. Setting up of Coconut Shell Charcoal Manufacturing Unit – M/s Actichar, 13th Cross, Opp. Central Bank of India, Someshwara Extension, Tumkur, Karnataka**

The objective of the project is setting up of a coconut shell charcoal manufacturing unit with a capacity to process 30 Tons of coconut shells per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Lease	-	-
Building & Civil works (Renovation)	15.25	15.25	3.81
Plant & Equipments	52.70	52.70	13.18
Working Capital Margin	8.88	-	-
<b>TOTAL</b>	<b>76.83</b>	<b>67.95</b>	<b>16.99</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion and recalculation of the eligible project cost and eligible subsidy, PAC approved the project with a maximum eligible subsidy of **Rs. 16.99 lakh**.

**24. Setting up of Coconut Shell Charcoal Manufacturing Unit – M/s Shellco Carbons, Palayad Post, Pathiyookara, Vadakara, Kozhikode, Kerala**

The objective of the project is setting up of a coconut shell charcoal manufacturing unit with a capacity to process 10 Tons of coconut shells per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. in lakh)</b>		
Land	Leased	-	-
Building & Civil works	25.50	17.15	4.29
Plant & Equipments	42.57	42.57	10.64
Pre op. expenses	1.83	0.59	0.15
Working Capital Margin	5.10	-	
<b>TOTAL</b>	<b>75.00</b>	<b>60.31</b>	<b>15.08</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 15.08 lakh**.

**25. Setting up of Coconut Shell Charcoal, Charcoal Granulation & Briquetting Unit – M/s Active Char Products Pvt Ltd, Near Marico Industries, Kanjikode, Palakkad, Kerala**

The objective of the project is setting up of a shell charcoal, charcoal granulation and briquetting unit with a capacity to produce 20 metric tons of charcoal and 120 metric tons of granulised charcoal per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. In lakh)</b>		
Land	89.32	-	-
Building & Civil works	270.54	30.00	7.50
Plant & Equipments	611.18	262.92	65.73
Vehicle	45.00	-	-
Preliminary & Pre op. expenses	98.95	2.92	0.73
Working Capital margin	75.00	-	-
<b>TOTAL</b>	<b>1189.99</b>	<b>295.84</b>	<b>73.96</b> <b>limited to 50.00</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 50.00 lakh**.

### Coconut Waste Briquette Manufacturing Unit

#### 26. Setting up of Coconut Waste Briquette Manufacturing Unit - M/s MnM Bio-Agro Pvt. Ltd, 52, Gunjur, Tubagere Hobli, Doddaballapur Tk, Bangalore, Karnataka

The objective of the project is setting up of coconut waste briquette manufacturing unit with a capacity to process 9,000 tons per year.

Components	Total Project Cost	Eligible Project Cost	Maximum eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Building & Civil works	40.00	18.76	4.69
Plant & Equipments	80.00	64.11	16.03
Electrical installation	9.00	2.37	0.59
Preliminary & Pre op. expenses	20.00	0.85	0.21
Working Capital margin	50.00	-	-
<b>TOTAL</b>	<b>199.00</b>	<b>86.09</b>	<b>21.52</b>

PAC discussed the project in detail and the committee observed that the raw materials utilized for making the product is farm waste which adds a lot of organic matter in the soil. Hence **PAC did not approve the project.**

### Activated Carbon Manufacturing Unit

#### 27. Setting up of Coconut Shell Based Activated Carbon Unit – M/s Clean Carbons Pvt. Ltd, Kinfra Industrial Park, Nadukani, Pallivayal Post, Thaliparamba, Kannur Dist, Kerala

The objective of the project is setting of a activated carbon unit with a capacity to produce 5 tons of activated carbon per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Lease	-	-
Building & Civil works	55.50	55.50	13.87
Plant & Equipments	225.75	193.67	48.42
DG Set	14.18	5.00	1.25
Electrification	15.00	9.93	2.48
Furniture & Office eqp.	4.05	-	-
Preliminary & Pre op. expenses	3.00	2.64	0.66
Working Capital margin	32.52	-	-
<b>TOTAL</b>	<b>350.00</b>	<b>266.74</b>	<b>66.68 Limited to 50.00</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 50.00 lakh.**

### Copra Making Units

#### **28. Setting up of Copra Making Unit – M/s Changaramkulam Federation of Coconut Producers Societies, Othalur Post, Near APJ Nagar, Malappuram, Kerala**

The objective of the project is setting up of copra making unit with a capacity to process 10,000 coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Lease	-	-
Building & Civil Works	10.20	10.20	2.55
Plant & Machinery	12.80	12.80	3.20
Working Capital margin	6.19	-	-
<b>TOTAL</b>	<b>29.19</b>	<b>23.00</b>	<b>5.75</b>

Being FPO, PAC suggested that the CPF should procure raw materials as far as possible from the member CPSs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 5.75 lakh**.

#### **29. Setting up of Modern Copra Drier Unit – M/s Mahima Coconut Producer Company Ltd, Mori Padmathipalem, Sakhinetipalli Mandal, East Godavari, Andhra Pradesh**

The objective of the project is setting up of copra making unit with a capacity to process 10,000 coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Lease	-	-
Plant & Equipments	11.50	11.50	2.88
Civil work for Dryer	10.00	10.00	2.50
DG Set	3.50	3.50	0.87
Working Capital margin	5.00	-	-
<b>TOTAL</b>	<b>30.00</b>	<b>25.00</b>	<b>6.25</b>

Since the project is of FPO, promoted by the Board, PAC decided to consider the term loan limit on the basis of eligible project cost instead of total project cost as a special case.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 6.25 lakh**.

### Ball Copra Making Units

#### **30. Setting up of a Ball Copra Making Unit - Shri Challa Bala Raju S/o Shri Subba Rao, Sakhinetipally Village & Mandal, East Godavari, Andhra Pradesh**

The objective of the project is setting up of a ball copra making unit with a capacity to process 5.00 lakh coconuts per year.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Platform Dryer	19.20	12.50	3.125
<b>TOTAL</b>	<b>19.20</b>	<b>12.50</b>	<b>3.125</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 3.125 lakh**.

#### **31. Setting up of a Ball Copra Making Unit – Smt Nayanala Satyadevi W/o Venkata Ramana, Cenal Road, Mamidikuduru, East Godavari , Andhra Pradesh**

The objective of the project is setting up of ball copra making unit with a capacity to process 8.00 lakh coconuts per year.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Platform Dryer	14.60	14.60	3.65
Preliminary & Pre op. expenses	0.30	-	-
Working Capital margin	10.00	-	-
<b>TOTAL</b>	<b>24.90</b>	<b>14.60</b>	<b>3.65</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 3.65 lakh**.

### 32. Setting up of a Ball Copra Making Unit – Shri Bokka Dora Bhaskara Srihari S/o Shri Narasimha Murthy, Thotlapalam, Peruru Post, East Godavari, Andhra Pradesh

The objective of the project is setting up of ball copra making unit with a capacity to process 10.00 lakh coconuts per year.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	1.00	-	-
Platform Dryer	46.50	25.00	6.25
Preliminary & Pre op. expenses	1.00	-	-
Working Capital margin	15.00	-	-
<b>TOTAL</b>	<b>63.50</b>	<b>25.00</b>	<b>6.25</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs.6.25 lakh**.

#### Market Promotion

##### 1. Ratification of Expenditure Reimbursed for Coconut Point to M/s Changaroth Federation of Coconut Producers Society, Kozhikode, Kerala.

The Changaroth Federation of Coconut Producers Society has set up a coconut points at Palleri Town, Kozhikode, Kerala for sale of various coconut products such as coconut oil, virgin coconut oil, neera and neera based products. The point was inspected by the CDB official and based on their recommendations, the eligible subsidy of 50% of the cost of the coconut points limited to Rs.1, 28,494/- (Rupees One Lakh Twenty Eight Thousand Four Hundred and Ninety Four only) was reimbursed to the federation.

After detailed discussion, PAC ratified the expenditure of **Rs.1,28,494/-** (Rupees One Lakh Twenty Eight Thousand Four Hundred and Ninety Four only) reimbursed to M/s Changaroth Federation of Coconut Producers Society, Kozhikode for setting up of Coconut Point at Palleri, Town, Kozhikode, Kerala.

##### 2. Setting up of Coconut Points under ‘Market Promotion’ of TMOC

The following nine Coconut Producer Federations (CPFs) have set up coconut points for sale of various coconut products such as coconut oil, virgin coconut oil, neera and neera based products in the state of Kerala. The points were inspected by the CDB officials and based on the recommendations, the eligible subsidy of 50% of the cost of the eligible components for the coconut points limited to Rs. 1,50,000/- (Rupees One Lakh Fifty Thousand only) per coconut point has been recommended for reimbursement to the FPOs as detailed below:



Sl. No.	Name of the Promoter FPO	Location of Coconut Point	District	Expenditure Incurred (Rs.)	Admissible Expenditure	Subsidy Amount Recommended for Released (Rs.)
1	M/s Perambra Federation of Coconut Producers Society, Menjaniam (PO), Perambra, Kozhikode, Kerala-673525	Chenayi	Kozhikode	325933	233646	<b>1,16,823</b>
2	M/s Moodadi Federation of Coconut Producers Societies, Moodadi North (PO) Koyilandy Kozhikode, Kerala -673307	Muchukunnu	Kozhikode	326159	139007	<b>69,504</b>
3	M/s Moodadi Federation of Coconut Producers Societies, Moodadi, Koyilandy Kozhikode , Kerala 673307	Moodadi	Kozhikode	332427	60200	<b>30,100</b>
4	M/s Nochad Federation of Coconut Producers Societies, Nochad (PO), Kozhikode, Kerala -673614	Koothali	Kozhikode	220899	193799	<b>96,900</b>
5	M/s Malanad Federation of Coconut Producers Societies, Kuttiadi (PO), Kuttiadi Kozhikode, Kerala -673508	Narikottumchal	Kozhikode	303687	292742	<b>1,46,371</b>
6	M/s Payyoli Nalikera Ulpadaka Federation, Malady Block, Purakad (PO), Kozhikode, Kerala -673522	Payyoli Angadi	Kozhikode	283600	251800	<b>1,25,900</b>
7	M/s Kalpaka Nalikera Ulpadaka Sangam affiliated under Payyoli CPF.O.T Muraleedas, Ottathengil House, Ayanikkad (PO), Kerala - 673521	Kuttiyilpeedil Ayanikkad	Kozhikode	280914	220500	<b>1,10,250</b>
8	M/s Mahathma Federation of Coconut Producers Societies, Perumpadappu (PO), Malappuram, Kerala – 679580	Vannery	Malappuram	300989	268064	<b>1,34,032</b>
9	M/s Karappuram Coconut Producer Company Ltd S, N Puram P.O, Alappuzha, , Kerala, Pin.688582	Kanjikuzhi	Alappuzha	159560	159560	<b>79,780</b>
<b>Total</b>				<b>25,34,168</b>	<b>18,19,318</b>	<b>9,09,660</b>

After detailed discussion, PAC approved setting up of nine coconut points with a maximum eligible subsidy of **Rs. 9,09,660/-** (Rupees nine lakh nine thousand six hundred and sixty only) towards the 50% of the eligible project cost of the expenditure incurred by the FPOs.

## Supplementary Agenda

### Processing Units:

#### 1. Setting up of Desiccated Coconut Powder Manufacturing Unit- M/s Hill Gold Agro Products , 2/516, Manjapra, Near Angamali, Ernakulam ,Kerala

The objective of the project is setting up of desiccated coconut powder manufacturing unit with a capacity to process 50,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. in lakh)</b>		
Land	Own	-	-
Building & Civil works	93.05	64.18	16.05
Plant & Equipments	157.40	141.63	35.41
ETP	19.05	10.00	2.50
Electrification	10.00	7.08	1.77
Furniture & office equipments	1.72	-	-
Preliminary & Pre op. expenses	5.00	2.22	0.55
Working Capital margin	33.78	-	-
<b>TOTAL</b>	<b>320.00</b>	<b>225.11</b>	<b>56.28 Limited to 50.00</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 50.00 lakh**.

#### 2. Setting up of Virgin Coconut Oil & Desiccated Coconut Powder Manufacturing Unit - M/s KCK Agro Products Pvt Ltd, Plot No. 18, KSIDC Industrial, Growth Centre, Kinalur, Kozhikode, Kerala

The objective of the project is setting up of virgin coconut oil and desiccated coconut powder manufacturing unit with a capacity to process 30,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	<b>(Rs. in lakh)</b>		
Land (Lease for 30 years)	20.00	-	-
Building & Civil works	65.00	57.00	14.25
Plant & Equipments	126.50	126.50	31.63
Electrical installation	6.50	6.32	1.58
ETP	8.00	8.00	2.00
DG Set	5.45	5.00	1.25
Installation charges	1.25	1.25	0.31
Preliminary & Pre op. expenses	2.00	2.00	0.50
Working Capital margin	80.00	-	-
<b>TOTAL</b>	<b>314.70</b>	<b>206.07</b>	<b>51.52 Limited to 50.00</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 50.00 lakh**.

### 3. Setting up of a Coconut Oil Manufacturing Unit – M/s Kottayam Coconut Proudcer Company Ltd, Pattithannam Post, Ettumanoor, Kottayam , Kerala

The objective of the project is setting up of coconut oil manufacturing unit with a capacity to process 5,500 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Leased	-	-
Building & Civil works	6.21	6.21	1.55
Plant & Equipments	23.06	20.95	5.24
Working Capital margin	8.00	-	-
<b>TOTAL</b>	<b>37.27</b>	<b>27.16</b>	<b>6.79</b>

Being FPO, PAC suggested that the CPC should procure raw materials as far as possible from the member CPSs registered with Board.

PAC discussed the project in detail. Further committee suggested that in order to maintain the quality of the product, company should obtain quality certification like AGMARK from Directorate of Marketing and Inspection, Government of India.

PAC approved the project with a maximum eligible subsidy of **Rs. 6.79 lakh**.

### 4. Setting up of a Copra Making Unit – M/s Sri Rama Krishna Coconut Producers Company Ltd, Near Railway Station Road, Tedepalligudem, West Godavari, Andhra Pradesh

The objective of the project is setting up of copra making unit with a capacity to process 10,000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	( Rs. in lakh)		
Land	Leased	-	-
Building	10.00	10.00	2.50
Plant & Machinery	11.50	11.50	2.88
DG Set – 10 KVA	3.50	3.50	0.87
Working Capital margin	5.00	-	-
<b>TOTAL</b>	<b>30.00</b>	<b>25.00</b>	<b>6.25</b>

Being FPO, PAC suggested that the CPC should procure raw materials as far as possible from the member CPSs registered with Board.

Since the project is of FPO, promoted by the Board, PAC decided to consider the term loan limit on the basis of eligible project cost instead of total project cost, as a special case.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 6.25 lakh**.

**5. Setting up of a Copra Making Unit – M/s Chaitanya Coconut Producer Co. Ltd, 126/2, Antaravedi Gondi, Sakhinetipalli, East Godavari Dist, Andhra Pradesh**

The objective of the project is setting up of copra making unit with a capacity to process 10,000 coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
<b>( Rs. in lakh)</b>			
Land	Leased	-	-
Building	10.00	10.00	2.50
Plant & Machinery	11.50	11.50	2.88
DG Set – 10 KVA	3.50	3.50	0.87
Working Capital margin	5.00	-	-
<b>TOTAL</b>	<b>30.00</b>	<b>25.00</b>	<b>6.25</b>

Being FPO, PAC suggested that the CPC should procure raw materials as far as possible from the members registered with Board.

Since the project is of FPO, promoted by the Board, PAC decided to consider the term loan limit on the basis of eligible project cost instead of total project cost, as a special case.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 6.25 lakh**.

**6. Setting up of a Copra Making Unit – M/s Noveel Coconut Producer Company Ltd, 2<sup>nd</sup> Floor, Beside LIC Office, Konkapalli, Amalapuram, East Godavari, Andhra Pradesh**

The objective of the project is setting up of copra making unit with a capacity to process 10,000 coconuts per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
<b>( Rs. in lakh)</b>			
Land	Leased	-	-
Building	10.00	10.00	2.50
Plant & Machinery	11.50	11.50	2.88
DG Set – 10 KVA	3.50	3.50	0.87
Working Capital margin	5.00	-	-
<b>TOTAL</b>	<b>30.00</b>	<b>25.00</b>	<b>6.25</b>

Being FPO, PAC suggested that the CPC should procure raw materials as far as possible from the member CPSs registered with Board.

PAC approved the project with a maximum eligible subsidy of **Rs. 6.25 lakh**.

**7. Setting up of a Ball Copra Making Unit – Shri Bandiguptapu Sriramakrishna S/o Shri Panduranga, Market Street, Allavaram, East Godawari, Andhra Pradesh**

The objective of the project is setting up of ball copra making unit with a capacity to process 6.00 lakh coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Platform Dryer	30.00	15.00	3.75
Preliminary & Pre op. expenses	-	-	-
Working Capital margin	5.00	-	-
<b>TOTAL</b>	<b>35.00</b>	<b>15.00</b>	<b>3.75</b>

PAC suggested that the promoter should procure raw materials as far as possible from the nearby FPOs registered with Board.

After detailed discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 3.75 lakh**.

**Market Promotion**

**8. Setting up of Coconut Points under ‘Market Promotion’ of TMOB**

The following Farmer Producers Organization have submitted applications for setting up of coconut points for marketing of value added products.

Sl. No	Name of the Promoter FPO	Location of Coconut Point	District	Project Cost (Rs.)
1	M/s Payyoli Nalikeru Ulpadaka Federation , Benzaan P.O., Purakkad, Kozhikode, Kerala – 673522	Payyoli Bus stand	Kozhikode	155200
2	M/s Mahima CPS affiliated under Ulliyeri CPF, Ulliyeri P.O., Kozhikode, Kerala – 673323,	Ulliyeri Town	Kozhikode	330000
3	M/s Federation of Ulliyeri Coconut Producers Societies, Ulliyeri P.O., Kozhikode, Kerala – 673323	Ollur North	Kozhikode	328000
4	M/s Cherandathur Federation of Coconut Producers Societies, Ettankulil House, Maniyur P.O., Kozhikode, Kerala – 673523,	Kuruthodi	Kozhikode	180000

5	M/s Vadakara CPC , Vadakara Farmers Producer Company Ltd., 19/408, Al-Diyafa Complex, Kozhikode, Kerala – 673101,	Chemarathur	Kozhikode	235556
6	M/s Kodungallur Coconut Producer Company Ltd. , Perinjanam, Thrissur, Kerala – 680686	Poribazar	Thrissur	66500
7	M/s Kodungallur Coconut Producer Company Ltd. , Perinjanam, Thrissur, Kerala – 680686	Kothaparambu	Thrissur	79800
8	M/s Kottayam Coconut Producer Company Limited, Pattithanam P.O, Ettumanoor, Kottayam, Kerala	Pattithanam	Kottayam	327000
9	M/s Kottayam Coconut Producer Company Limited, Pattithanam P.O, Ettumanoor, Kottayam, Kerala	Arunapuram	Kottayam	305750
10	M/s Kalpaka Nalikera Ulpadaka Sangam, Manimala P.O, Kottayam, Kerala -686543	Manimala	Kottayam	312603
11	M/s Kaipuzha Coconut Producer Company Limited, Kanjiravilayil House, Padinjattakkara P.O, Thevalakkara, Kerala – 690 524	Padinjattakkara	Kollam	199000
12	M/s Kaipuzha Coconut Producer Company Limited, Kanjiravilayil House, Padinjattakkara P.O, Thevalakkara, Kollam, Kerala – 690 524	KSRTC Bus Stand, Kollam	Kollam	259000
13	M/s Econut Coconut Producer Company Ltd., At TCS TECH Park, Bangalore, Karnataka	Bangalore	Bangalore	470280

After detailed discussion, PAC approved the above 13 projects for establishment of coconut points and authorized the Chairman, CDB to reimburse 50% of the eligible project cost limited to Rs.1.50 lakh **after completion of the work and inspection of points by the Board officials.**

**Other Item**

**Sub: Request from M/s Keramithra Federation of Coconut Producers Society, Maruthonkara, Passukadavu P. O, Kozhikode, Kerala for the subsidy for actual expenses incurred for purchase of 30 KVA DG Set – reg.**

After detailed discussion, PAC decided to consider the actual expenses of Rs.3.90 lakh for purchase of DG set and sanctioned the additional amount of Rs. 0.48 lakh; **enhancing the total subsidy to Rs. 5.495 lakh.**

Date: 23.02.2017

Place: Ernakulam

Chief Coconut Development Officer  
Member Secretary, PAC

## Annexure-I

### List of Participants

<b>A</b>	<b>Project Approval Committee</b>
1	Dr. A.K. Singh Chairman, Coconut Development Board & Chairman PAC
2	Shri Ramesh T. Deputy Secretary, Dept of Agriculture, Govt of Kerala, Representative of - Secretary (Agriculture), Government of Kerala
3	Shri Venkatesh N Hubballi Director, Directorate of Cashew and Cocoa Development, Kera Bhavan, Kochi Representative of - Horticulture Commissioner, Dept. of Agri. Cooperation and Farmers Welfare, Govt. of India
4	Dr. P.Chowdappa Director, CPCRI, Kasaragod Representative of - Assistant Director General (Plantation Crops), ICAR, New Delhi
5	Dr. Anil Kumar R. Assistant Agricultural Marketing Adviser, O/o Assistant Agricultural Marketing Adviser, DMI, Kochi Representative of - Joint Secretary & Agricultural Marketing Adviser Govt. of India, New Delhi
6	Dr. P. Vijayaraj, Scientist, CFTRI, Mysore Representative of - Director, Central Food Technological Research Institute, (CSIR), Mysore
7	Smt. Usha K. , DGM, NABARD, R O, Thriuvananthapuram Representative of - Chief General Manager, Technical Service Department, NABARD, Mumbai
8	Shri B.A.R. Patro Chief Regional Manager, IOB, Kochi Representative of - Chief General Manager, Indian Overseas Bank, Bangalore
9	Shri Saradindu Das Chief Coconut Development Officer Coconut Development Board & Member Secretary, PAC
<b>B</b>	<b>Officials of CDB</b>
1	Dr. A.K. Nandi Secretary, CDB, Kochi



2	Shri R. Jnanadevan Deputy Director, CDB, Kochi
3	Shri S.S. Choyal, Deputy Director, CDB, Kochi
4	Shri K.S. Sebastian Assistant Director (Mkg.), CDB, Kochi
5	Shri P. Sabareenathan Finance Officer, CDB, Kochi
6	Shri G.M. Siddharameswara Swamy, Assistant Marketing Officer, CDB, Kochi
7	Ms. Mridula K, 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