

**Proceedings of the 55<sup>th</sup> Meeting of  
Project Approval Committee (PAC) of Technology Mission on  
Coconut held at CDB, Kochi on 25<sup>th</sup> September 2019**

The 55<sup>th</sup> meeting of the Project Approval Committee (PAC) on Technology Mission on Coconut was held at Coconut Development Board, Head Office, Kochi on **25<sup>th</sup> September 2019**. Smt. Usha Rani IAS Chairperson, Coconut Development Board and Chairman PAC presided over the meeting. At the outset Chairperson welcomed all the members of PAC and agenda were taken up. The list of participants is enclosed as *Annexure-I*.

**AGENDA No. 1: Confirmation of the Proceedings of 54<sup>th</sup> Project Approval Committee Meeting held on 04<sup>th</sup> July 2019**

The Committee confirmed the proceedings of the 54<sup>th</sup> Project Approval Committee meeting held on 04.07.2019.

**AGENDA No. 2: Action Taken Report on Decisions of the 54<sup>th</sup> PAC Meeting**

The committee perused the action taken on decisions of the 54<sup>th</sup> meeting of Project Approval Committee. Chief Coconut Development Officer informed that 6(research) projects and 2 (adoption) projects sanctioned by the 54<sup>th</sup> PAC. First installment for 5 research projects and 1 adoption projects has been effected on signing of MoU. Chairperson directed to invite the 2 PI's of deferred projects which could not be presented through video conferencing during 53<sup>rd</sup> PAC in the next PAC without fail.

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

- 1. Optimization of processing parameters to increase the shelf life of Kalparasa (Neera) using physical, chemical and non-thermal methods- ICAR- Central Plantation Crops Research Institute, Kasaragod, Kerala.**

The objectives of the project are as follows

- To study the effect of physical, chemical, biological and thermal treatments on the shelf life of Kalparasa.
- To optimize dose and length of physical, chemical, biological and thermal treatments either alone or in combination on the shelf life of Kalparasa.
- To standardize the storage material for effective shelf life extension of Kalparasa.

PAC discussed the project in detail and **rejected the project since the objectives of the project is a repetitive one undertaken by CFTRI, Mysore.**

**2. Development of IoT based solar powered automated copra dryer using computational intelligence techniques – Sree Krishna College of Technology, Coimbatore, Tamil Nadu.**

The objectives of the project are as follows:

- Setup post harvest processing dryers for agricultural products like coconut, nuts and spices near small and marginalized farming communities where grid power is unreliable.
- Use technology to automate the post harvest drying process to produce international quality agro produce.
- Use IoT and control process and share information in realtime with farmers who use it.
- Increase the nutrition value of product by drying the agro produce at lower temperature as modern desiccation dehumidifiers are integrated into the drying chamber which is controlled by NIR moisture sensors.
- Provide technology to processed communities to help them fetch right price for their produce.
- With advances in IoT integrated temperature sensors/alarms/communication technology, the farmer is free to carry on his regular farming work and still be notified of the optimal parameter changes in the drying process so that he/ she may correct them before the post harvest procedure gets irreparable.
- The byproduct coconut shell will be 10g per nut, 50% of the total available shells shall be used as fuel in the drying system and balance shell shall be sold at market rate which also yields the farmer.
- Increase the income by 100% to the farmer by utilizing this post harvest processing technology. This combined with nutrient retain 50% from the vegetative by-products from this implementation greatly profits the farmer.

PAC discussed the project in detail and **approved the project subject to the condition that share of CDB will be restricted to Rs.10.00 lakhs.**

### **Desiccated Coconut Powder Manufacturing Units**

3. **Setting up of a Desiccated Coconut Powder Manufacturing Unit- M/s. Mahendra Agro Industry, Sy No. 14/04, Kalkele Road, Halepalya, Kasba Hobli, Tiptur, Karnataka.**

The objective of the project is setting up of a desiccated coconut powder 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	95.00	53.00	13.25
ETP	10.00	10.00	2.50
Plant & Machinery (including Generator & electrification)	60.00	56.42	14.10
Preliminary & Pre-operative expenses	5.00	1.19	0.30
Working Capital	50.00	-	-
<b>TOTAL</b>	<b>220.00</b>	<b>120.61</b>	<b>30.15</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 30.15 lakh**.

### **Tender Coconut Water Packing Unit**

4. **Establishment of Tender Coconut Water packing Unit- M/s. Kovai Agro Tech Pvt. Ltd., 12-216 Karungal kadu, Dharapuram, Tirupur, Tamil Nadu**

The objective of the project is setting up Tender Coconut Water Packing Unit with a capacity to process 20000 Tender 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 & Civil works	43.63	-	-
ETP	4.00	4.00	1.00
Plant & Machinery	174.91	167.77	41.94
Electrification	6.00	6.00	1.5
ISO Certification	2.85	-	-
Technical know-how	3.50	-	-
Preliminary & Pre op. expenses	2.00	1.80	0.45
Working Capital Margin	33.11	-	-
<b>TOTAL</b>	<b>270.00</b>	<b>179.57</b>	<b>44.89</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 44.89 lakh**.

### **Virgin Coconut Oil Manufacturing Unit**

5. **Setting up of a Virgin Coconut Oil manufacturing unit- M/s. Old Goa Oils and Foods Pvt. Ltd., Mogo Plot No.N-50, Phase IV, Verna Industrial Estate, Salcete, Goa**

The objective of the project is setting up of a Virgin Coconut Oil manufacturing unit with a capacity to process 10000 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	45.00	-	-
Plant & Machinery	120.45	115.58	28.89
ETP	15.00	10.00	2.50
Electrification	17.27	5.78	1.44
Fire Hydrant fire alarm system	2.74	-	-
Computer System	1.05	-	-
Preliminary & pre-op expenses	4.17	1.31	0.33
Technical Know-how	0.59	0.59	0.15
Working Capital margin	16.66	-	-
<b>TOTAL</b>	<b>222.93</b>	<b>133.26</b>	<b>33.31</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 33.31 lakh**.

### **Neera Processing Unit**

6. **Setting up of a Neera Processing Unit for production of fresh neera drink, neera sugar- M/s. Malenadu Nuts & Spices Producer Company Ltd, No.426/1, NH206, BH Road, Bhadravati, Shivamogga, Karnataka**

The objective of the project is setting up of a Neera Processing Unit to process 2000 litres of neera per day for producing neera drink, neera slush, neera ice cream, neera sugar.

<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.	lease	-	-
Building & Civil works	48.00	-	-
ETP	3.30	3.30	0.82
Plant & Machinery	183.69	179.06	44.76
Generator	3.90	3.90	0.98
Laboratory equipments	5.23	5.23	1.31
Electrical installation	8.81	8.81	2.20
Vehicles – 3 Nos.	12.89	-	-
Office equipments and computer system	2.92	-	-
Pre op. expenses	2.85	1.95	0.49
Working Capital margin	13.41	-	-
<b>TOTAL</b>	<b>285.00</b>	<b>202.25</b>	<b>50.56 Limited 50.00</b>

After detail discussion, PAC rejected the project since the promoter has stated that he has availed Karnataka state government subsidy which is more than 50% of total eligible project cost.

### **Integrated Coconut Processing Unit**

7. **Setting up of an Integrated Coconut processing Unit for the production of Virgin Coconut oil , Desiccated coconut powder, coconut chips and coconut testa oil- M/s. Vepuri Agro Products Pvt Ltd., Plot No-19, APIIC State Food Park, Mallavalli, Krishna, Andhra Pradesh**

To process 10000 coconuts per day to produce 0.83MT DCP per day, 200 litre VCO per day and by products like coconut chips and coconut testa oil

<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	14.11	-	-
Building & Civil works	60.39	49.00	12.25
Plant & Machinery	156.00	152.32	38.08
Electrical installation & Generator set	22.71	7.18	1.79
Preliminary & Pre op. expenses	4.00	2.08	0.52
Others (Investment & Deposit)	5.00	-	-
Furniture & Office equipment	4.00	-	-
Working Capital Margin	24.10	-	-
<b>TOTAL</b>	<b>290.31</b>	<b>210.58</b>	<b>52.64 Limited to 50.00 lakh</b>

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

**8. Setting up of an Integrated Coconut processing Unit for the production of Desiccated Coconut and Virgin Coconut oil- M/s. Harvika Food and Acqua Pvt Ltd Office: ‘Sterling’, Ambikapuram, Palakkad, Kerala**

The objective of the project is setting up of an Integrated Coconut processing Unit for the production of Desiccated Coconut and Virgin Coconut oil with a capacity to process 10000 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 & Civil works	53.01	35.84	8.96
ETP	3.80	3.66	0.91
Plant & Machinery	136.17	136.17	34.04
Electrification	9.61	6.81	1.70
Generator	4.75	4.75	1.19
Technical know-how	0.60	-	-
GMP/FSMS Certification & Lab equipments	10.33	-	-
Furniture & Office equipments, computer system, printer etc.	4.12	-	-
Working Capital Margin	16.87	-	-
<b>TOTAL</b>	<b>239.26</b>	<b>187.23</b>	<b>46.80</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 46.80 lakh**.

**9. Setting up of an Integrated Coconut processing Unit for the production of Virgin Coconut oil and Desiccated Coconut powder- M/s. Green Aura International, Mathramkottu, Engandiyoor, Thrissur, Kerala**

The objective of the project is setting up of an Integrated Coconut processing Unit for the production of Desiccated Coconut and Virgin Coconut oil with a capacity to process 10000 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	8.75	-	-
Building & Civil works	26.45	26.45	-
ETP	4.53	4.52	1.13
Plant & Machinery	77.62	77.62	19.40
Electrification	5.75	3.88	0.97
Generator	3.19	3.18	0.80
Technical know-how	0.60	-	-
Computer system and printer	2.81	-	-
Preliminary & Pre op. expenses	1.70	1.15	0.29
Working Capital Margin	5.77	-	-
<b>TOTAL</b>	<b>137.17</b>	<b>116.80</b>	<b>22.59</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 22.59 lakh**.

**10. Setting up of an Integrated Coconut processing Unit for the production of Coconut chips and coconut vinegar- M/s. Manley foods Office : Plot no. 342/391, Meherpalli, Oscar city, Bhubaneswar, Odisha**

The objective of the project is setting up of an Integrated Coconut processing Unit for the production of Coconut chips and Coconut vinegar with a capacity to process 1000 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 & Civil works	3.00	-	-
Plant & Machinery	18.00	17.98	4.50
Electrification	3.00	0.89	0.22
Furniture	0.50	-	-
Preliminary & Pre op. expenses	0.25	0.18	0.04
Working Capital Margin	-	-	-
<b>TOTAL</b>	<b>24.75</b>	<b>19.05</b>	<b>4.76</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs. 4.76 lakh** subject to the condition that the details viz; Bank appraisal report, Financial parameters, NoC from PCB are furnished

**Coconut Oil manufacturing unit**

**11. Setting up of a Coconut Oil Extraction Unit at Varappetty- M/s. Varappetty Service Co-operative Bank Ltd No.1015 Varappetty, Kothamangalam, Ernakulam., Kerala**

The objective of the project is setting up of a Coconut Oil manufacturing unit with a capacity to process 30000 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	59.37	43.88	10.97
Plant & Machinery (including ETP)	120.08	91.00	22.75
Electrification and Generator	15.93	9.55	2.39
Other Expenses	0.12	-	-
Working Capital margin	31.82	-	-
<b>TOTAL</b>	<b>227.32</b>	<b>144.43</b>	<b>36.11</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs.36.11 lakh**

**12. Setting up of a coconut oil manufacturing unit- M/s. Gramalakshmi Marketing Producer Company Limited, Gramalakshmi Marketing Group, Udayapuram PO, Kasaragod District, Kerala**

<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	8.00		
Plant & Equipments	29.17	29.17	7.29
Working Capital margin	5.33	-	-
<b>TOTAL</b>	<b>42.50</b>	<b>29.17</b>	<b>7.29</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs.7.29 lakh subject to the condition that the details viz;** Capacity of the unit, Copy of land document, PCB, ID proof of the promoter, Financial parameters, Project Appraisal Report from Bank, Quotation of ETP etc are furnished.



### Shell Charcoal Manufacturing Unit

#### **13. Setting up of Coconut Shell Charcoal Briquette Unit- M/s. Aditya hydro carbons, 597, 24<sup>th</sup> Main Road, Banashankari 2<sup>nd</sup> stage, Bangalore, Karnataka**

The objective of the project is setting up of Shell Charcoal briquette manufacturing unit to process 10 tons of coconut shell charcoal powder 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 & Civil works	24.00	-	-
Plant & Machinery	65.50	65.50	16.37
Electrification	8.00	3.27	0.82
Working Capital Margin	14.58	-	-
<b>TOTAL</b>	<b>112.08</b>	<b>68.77</b>	<b>17.19</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs.17.19 lakh**

#### **14. Setting up of a Coconut shell charcoal briquetting Unit- M/s. Coco Energy, Office : 351/A1, SF No.32/3 A Varadharajulu Nagar, 9th Street, Ganapathy, Coimbatore**

The objective of the project is setting up of Shell Charcoal to process 10 tons of coconut shell charcoal 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)	35.80	-	-
Plant & Machinery	59.41	59.41	14.85
Electrification	8.00	2.97	0.74
Furniture & Office equipments	1.00	-	-
Working Capital Margin	3.05	-	-
<b>TOTAL</b>	<b>107.26</b>	<b>62.38</b>	<b>15.59</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs.15.59 lakh**

### **Coconut Wood Briquette Manufacturing Unit**

#### **15. Setting up of a Coconut Wood Briquette Manufacturing Unit at Theni- M/s. Pranov Industry Office: 941/4 A, Kodangipatti, Bodendrapuram Road, Kodangipatti Post, Bodinaickannur, Theni, Tamil Nadu**

The objective of the project is setting up of a coconut wood briquette manufacturing unit with a capacity to process 30 tons of coconut wood 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	17.58	15.84	3.96
Plant & Machinery	86.14	86.14	21.53
Electrification	10.00	4.31	1.08
Furniture, Office equipments & computer	0.84	-	-
Preliminary & Pre op. expenses	0.50	1.06	0.26
Working Capital margin	5.94	-	-
<b>TOTAL</b>	<b>121.00</b>	<b>107.35</b>	<b>26.83</b>

After detail discussion, PAC wanted detail verification whether the project would use only coconut wood.

### **Activated Carbon manufacturing Unit**

#### **16. Setting up of a Activated Carbon Unit- M/s. Grace Pulveriser, 3/67C-1, Harbour Bypass Road, (Behind Fisheries College), Thoothukudi, Tamil Nadu**

The objective of the project is setting up of an activated carbon manufacturing unit with a capacity to produce 3Tons of Activated Carbon 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)	50.00	-	-
Plant & Equipments	170.00	170.00	42.50
Working Capital Margin	20.00	-	-
<b>TOTAL</b>	<b>240.00</b>	<b>170.00</b>	<b>42.50</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs.42.50 lakh**.

**17. Refinement of *in vitro* inflorescence culture of coconut for multiplication of true-to-type planting materials- ICAR- Central Plantation Crops Research Institute, Kasaragod, Kerala**

The objectives of the project are as follows:

- Refinement of *in vitro* immature inflorescence culture of coconut with regard to shoot regeneration, rooting and *ex vitro* hardening
- Assessment of clonal fidelity of *in vitro* raised plantlets using molecular markers

PAC discussed the project in detail and **approved the project in principle subject to the condition to come up with a concrete proposal on exploring the possibilities to collaborate with other countries for these studies already undertaken like CIMMYT Mexico, Brazil etc. With these details, they can resubmit again.**

**18. An Economic Analysis of Value Chain of Coconut in Union Territory of Puducherry- Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Nedungadu, Karaikal**

The objectives of the project are as follows:

- To study the area and production trends of Coconut in Pondicherry and Karaikal region
- To identify the value added products of Coconut in the supply chain of the study area
- To estimate the marketing cost, marketing margin, price spread, marketing efficiency and farmer's share in consumer rupee in various supply chains
- To study the factors affecting the marketing efficiency of various supply chains of Coconut in the study area.
- To analyze the constraints of key players of various supply chain of Coconut in the study area.
- To suggest the suitable strategies to enhance the area, production, marketing efficiency of coconut

PAC discussed the project in detail and **requested to submit the study report of the same project already undertaken by students of the same college.**

**19. Strategizing Coconut Sector Development in Andaman & Nicobar Islands- ICAR- Central Island Agricultural Research Institute, Port Blair, Andaman & Nicobar Islands**

The objectives of the project are as follows:

- To estimate the economics of coconut cultivation under different farming systems of Andaman & Nicobar Islands.
- To examine the market structure of coconut products in the islands
- To elucidate the ways and means to enhance the production and productivity of coconut plantation and the income of coconut farmers.
- To conduct an ex- ante evaluation of strategies for their feasibility of implementation and the resultant benefits to stakeholders.
- To evolve a policy framework for the development of coconut sector in Andaman & Nicobar Islands

PAC discussed the project in detail and rejected **the project**.

#### ***D. Other Items***

#### **RATIFICATIONS**

**20. Large scale production and demonstration of native biocontrol agents viz. Trichoderma sp, Pseudomonas sp against coconut diseases viz., Ganoderma wilt, stem bleeding and bud rot diseases in Andhra Pradesh- Dr. Y.S.R. Horticultural University, Ambajipeta, Andhra Pradesh for a total project cost of Rs.24.90 lakhs**

After detail discussion, PAC ratified the project cost of **Rs 24.90 lakh**.

#### **Other points discussed:-**

1. During 53<sup>rd</sup> PAC meeting held 29.04.2019, Chairperson CDB has instructed to ascertain the current status of 502 units assisted under TMOc scheme of Board. It has been observed that out of 502 units 236 units are active and undertaking the processing of coconut, whereas 248 units have not responded. Chairperson directed to address the financing banks of 248 units to verify the status as well as concerned State Government.
2. Ascertain the status of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> installments to be released for both adoption projects and research projects.
3. Action to be taken to create awareness of TMOc scheme by conducting campaigns and to create whats app and telegram account to maintain consistent contact with entrepreneurs to aware about exhibitions and schemes.
4. Address the major financing banks, District Industries Centers in major coconut growing areas about TMOc scheme.

5. Letter to be addressed to Ministry to clarify the in subsidy for SC/ST and SC/ST women farmers as per MIDH guidelines.
6. The projects sanctioned under TMoC to be informed to the State Government and Ministry of Food Processing Industries, Govt .of India to avoid any duplication.
7. Action may be initiated to propose kiosk at Lulu Mall, Kochi which can provide coconut based food products and coconut based cosmetic products.

PAC meeting concluded with vote of thanks from the Deputy Director, Smt.Deepthi Nair,S.

Date: 26.09.2019  
Place: Ernakulum

Chief Coconut Development Officer i/c  
Coconut Development Board, Kochi

## Annexure-I

A	<b>Project Approval Committee</b>
1	Dr.Usha Rani IAS Chairman, Coconut Development Board & Chairman PAC
2	Dr. Anu Appaiah Senior Scientist CFTRI, Mysore <b><u>Representative of:</u></b> Director Central Food Technological Research Institute Mysore-570 020
3	Smt K.U Sathyabhama Deputy Director Dept. of Agriculture, Government of Kerala <b><u>Representative of:</u></b> The Principal Secretary Agriculture, Government of Kerala
4	Mr. H.R. Naik Under Secretary Dept. of Horticulture Karnataka <b><u>Representative of:</u></b> The Principal Secretary Horticulture, Government of Karnataka
5	Mr. Jitender Singh . Chief Manager, Indian Overseas Bank Regional Office, No.2384, Vettukattil Building, 5 <sup>th</sup> Floor, Jose Jn., M G Road, Ernakulam, Kochi <b><u>Representative of:</u></b> The Managing Director & Chief Executive Officer Indian Overseas Bank 763, Anna Salai, Chennai-600 002 Ph: 044-28519500
6	Mr. Prasad Chakravarthy Assistant Agri. Marketing Advisor Directorate of Marketing & Inspection (DMI), Regional Officer, Block 'A', 6 <sup>th</sup> Floor, Kendriya Bhavan, Kakkanad, Kochi-682 037  <b><u>Representative of:</u></b> The Joint Secretary & Agri. Marketing Adviser to Govt. of India, Krishi Bhavan, New Delhi-110 001.

7	Shri Saradindu Das Chief Coconut Development Officer Coconut Development Board & Member Secretary, PAC
<b>B</b>	<b>Technical Expert</b>
	Dr. Reji Jacob Thomas Scientist, CPCRI
<b>C</b>	<b>Officials of CDB</b>
1	Shri. R. Madhu Secretary, CDB, Kochi
2	Shri. Sreekumar Poduval Deputy Director (TD&E), CIT, Aluva
3	Smt. Deepthi Nair. S Deputy Director (Mkg), CDB, Kochi
4	Shri. Pramod .P. Kurian Assistant Director, CDB, Kochi
5	Shri K.S. Sebastian Assistant Director (Mkg), CDB, Kochi
6	Shri P. Sabareenathan Finance Officer, CDB, Kochi
7	Smt. Jayashree A, Development Officer, CDB, Kochi
8	Smt. Sharon Mariam Jacob Processing Engineer (on contract, CDB, Kochi)
9	Kum. Ciby Susan Cherian Processing Engineer (on contract, CDB, Kochi)