



भाकृअनुष - केन्द्रीय रोपण फसल अनुसंधान संस्थान
कासरगोड़, केरल - 671 124 भारत
ICAR - Central Plantation Crops Research Institute
Kasaragod - 671 124, Kerala, India
(An ISO 9001:2008 Certified Institution)



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Date: 28.09.2018

By registered post/e-mail/on-line
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Sub: Right to Information Act, 2005 - Information furnishing of -reg.

Madam,

The information requested in your RTI application dated 05.09.2018 is enclosed herewith.

This disposes off your request under the provisions of Right to Information Act-2005. In case you desire to file an appeal on this issue the same may be addressed to the Director, CPCRI, P.O. Kudlu, Kasaragod - 671 124, Kerala.

Receipt of the letter may please be acknowledged.

Encl: As above

Yours faithfully,

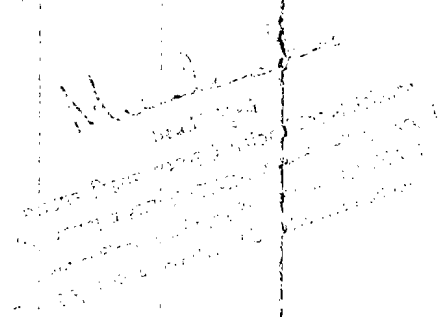
(JOHN GEORGE)
Chief Technical Officer
Public Information Office

28/9

29-9-18

1. List of Invention/Innovation/Discovery/Product/Technology filed by ICAR-CPCRI for
 (A) IITP in our country (B) abroad.

| Sl. No. | Title of the invention | Function/What it does/ Used for | Patent granted on | Type of Patent | Name of the (Inventor) Individual/ Name of the Firm | Patent Expiry | Patent No./No. | Status |
|---------|---|--|-------------------|----------------|---|---------------|--------------------|-----------------------------|
| 1 | Coconut/ Areca nut palm climbing device | A highly convenient machine used for climbing on palms for plucking nuts | 03-09-2015 | 208743 | Withdrawn A.C. | Upto 2035 | 22/14/01 (12/2015) | Granted |
| 2 | Design and development of coconut de-shelling machine | It reduces both time and drudgery involved in the manual de-shelling process | 02-04-2009 | 255742 | Ravindra Singh | Upto 2019 | 07/2/01 07/2009 | Granted |
| 3 | Tender coconut punch and cutter | Machine which is for cutting tender nuts into two half | 01-04-2008 | 255744 | Ravindra Singh | Upto 2029 | 01/0/01 07/2008 | Granted |
| 4 | Manually operated coconut kernel slicing machine | To slice the coconut kernel in 0.07 mm thickness approximately | | | Withdrawn A.C. | | 01/0/01 07/2008 | Application Submitted stage |
| 5 | Surge Irrigator | Surge Irrigation can reduce irrigating costs through lower water use and reduced labor to irrigate. Surge Irrigation reduces the total amount of irrigation water applied, excess water infiltration, and runoff water losses. Surge Irrigation helps reduce the amount of sediment lost from furrow-irrigated fields. | | | Withdrawn A.C. | | 01/0/01 07/2008 | Awaiting or withdrawal |
| 6 | Automatic plough machine | An electric driven automatic machine used for | 10-07-2017 | 285415 | Withdrawn A.C. | Upto 2037 | 27/14/01 07/2017 | Granted |

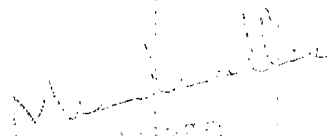


 Director, ICAR-CPCRI

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| | | slicing the coconut | | | | | | |
| 7 | Coconut testa removing machine | To remove the testa of coconut without losing the kernel | 08-12-2016 | 278013 | Mathew A.C. | Upto 2036 | 1363/CH HE/2008 | Granted |
| 8 | Development of telescopic sprayer | A convenient method used for spraying of Arecanut and coconut palm | 15-03-2011 | 246751 | T. Vidhan Singh | Upto 2031 | 669/CH E/2006 | Granted |
| 9 | Ferro cement check dam | The technique includes the casting of precast ferro cement segments and then assembling these segments at the site using methods. This technique saves construction time and cost to a greater extent. | | | Mathew A.C. | | 667/CH E/2006 | Abandoned U/S 21(1) |
| 10 | Ferro cement sub surface dam | They are earth dams built under the surface of sand and across dry riverbeds. Subsurface dams block the downstream flow of water in the sand of riverbeds which have been saturated by floods or rainwater. Ferro cement uses less cement and the thickness is also very small as, such intelligent use of this material is possible in water retaining structures. | | | Mathew A.C. | | 668/CH E/2006 | Abandoned U/S 21(1) |
| 11 | Development of manually operated coconut splitting device | To split the coconut | | | T. Vidhan Singh | | 671/CH E/2006 | Abandoned U/S 21(1) |

Mathew A.C.
Head प्रमुख

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| 12 | Artificial pumping system for skimming wells | To extract fresh water from skimming wells | | | Madhav A.C. | | 29/5/2007 | Application no/1501/07/5 |
| 13 | Portable snowball tender machine | To extract kernel of the coconut without breaking it in a shape similar to snowball from tender coconut | | | Madhav K | | 29/5/2007 | Application no/1501/07/5 |
| 14 | Design and development of shell fired copra dryer | Machine used for drying the coconut by means of firing the coconut shell | 07-10-2005 | 159183 | V. Mohan Singh | upto 2005 | 14/7/05 | Grant |
| 15 | Solar oven electrical dryer with agricultural waste as third source of energy | Machine used for drying by consuming solar/electrical energy | | | Madhav K | | 11/11/05 | Application no/1501/05/5 |
| 16 | Electronic tensiometer | A low cost system for measuring soil water potential and data logger | | | Madhav K | | 3/5/2001 | Application no/1501/01/5 |
| 17 | Process for production of the snowball tender coconut (A method for preparing complement fixation test based (coconut) for diagnosis of bacterial infection of aquifers) | To make snowball tender coconut | | | K.M.K. Nagesh Chari | | 30/01/2001 | Application no/1501/01/5 |
| 18 | Process for the production of coconut chips | Method of preparation of ready to eat crisp, flavoured coconut chips | | | S.D. Doss | | 07/01/2001 | Application no/1501/01/5 |
| 19 | Trichoderma coil with cake | A technology developed using maize flour and Trichoderma harzianum biomass. It is recommended a shelf life period of 12 months | | | Achandra Mohan | | 03/10/2001 | Application no/1501/01/5 |


 20/10/2007
 Director, ICAR Research Complex for
 Coconut, Trichy
 Tamil Nadu

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| | | while commercializing the product. The new, simple and low cost technology developed, thus, clearly indicates that coir pith, a waste from coconut industry can be made into value added and environment friendly commercial product for management of plant diseases | | | | | |
| 20 | A simple device to collect fresh and hygienic neera (inflorescence sap) from coconut tree | To collect fresh, hygienic and unfermented neera from the coconut sap | | | Dr.K.B. Hebbar | | 2425/C HE/2013 Application examined (FER Issued) |
| 21 | Method for aseptic extraction of tender nut water as frozen ball and soft endosperm (kernel) from trimmed young coconut | It is the most convenient method to transport snowball tender nut in a frozen condition for long term use | | | Dr.K.B. Hebbar | | 201844 018249 Application awaiting examination |

2. List of Invention/ Innovation/ Discovery/ Product/ Technology filed by ICAR-CPCRI in FOREIGN Country for PATENTS since inception – Nil

3. please see the publication "Entrepreneurs and farmer friendly technologies" attached herewith. ~~Yes~~

Munish Khan
19/9
Head प्रमुख
सामाजिक विज्ञान प्रभाग Division of Social Science
दीस राणा कृषि अनुसंधान संस्थान भा क अनु.प
Central Plantation Crops Research Institute (ICAR),
त क इन्डि डोक कासरगाड P.O Kudlu, Kasaragod-67