

IMPORTANT COMMERCIALISABLE TECHNOLOGIES



NBSE Boar Semen Extender



Cashew Apple Crunch



Nutmeg Pericarp Taffy



Bypass fat technology



Microbial consortium for fermentation of cashew apple juice

PLANT GENOME SAVIOR AWARDS BY PPV&FR AUTHORITY, NEW DELHI

Khola/Canacona Chilli Cultivators Group, South Goa was awarded with the prestigious Plant Genome Savior Community Award 2013-14 while Sri. Prabhakar Keny, a progressive farmer from Cuncolim South Goa was awarded with 'Plant Genome Saviour Farmers Recognition Reward 2014' by Govt. of India through PPV&FRA, New Delhi. Registration of "Khola Chilli" as farmers' variety with PPF&FR Authority, New Delhi is under process.



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ROLE AND ACHIEVEMENTS OF IPR cell



ICAR-Central Coastal Agricultural Research Institute

(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)
Old Goa, North Goa, Goa- 403 402

INTRODUCTION

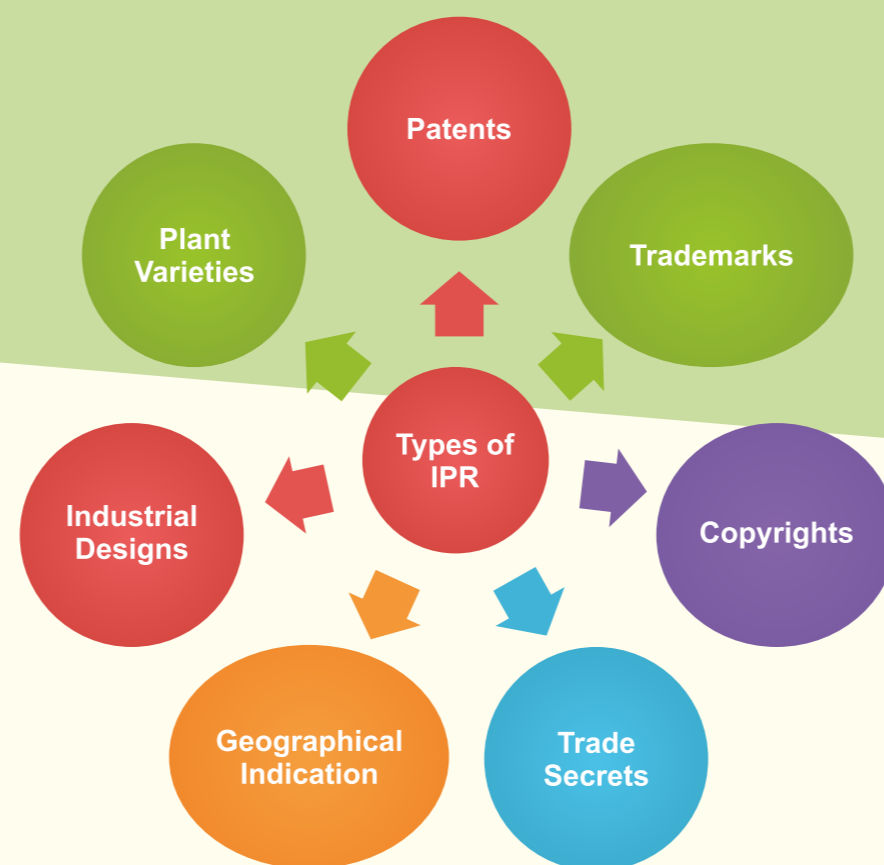
Integration of intellectual property and technology management in research has become very necessary in R&D institutions and the Indian Council of Agricultural Research has developed a policy framework that will guide the management of intellectual property created by its scientists at different institutes. Accordingly, Intellectual Property Rights (IPR) Cell/Institute Technology Management Unit (ITMU) was set up at Institute level to process and facilitate intellectual property and technology management related issues. The Institute Germplasm Identification Committee was also constituted under the purview of ITMU to facilitate the process of registration of potential germplasm/Varieties/breeds/strains identified in the Institute with concerned registries (NBPGR, NBAGR, PPV&FRA and other such agencies).

OVERALL OBJECTIVES

- Patenting of the Institute's Technology
- Copyright Registrations
- Germplasm Registration (Plant/Animal/Fish)
- Technology Commercialization
- Documentation of literatures and information on commercialisable technologies developed
- Development of Public Private Partnerships
- Creation of IPR Awareness & Trainings
- Routine handling and processing of IPR related reports and queries etc.

INTELLECTUAL PROPERTY RIGHTS (IPR)

Intellectual property rights refer to the general term for the assignment of property rights through patents, copyrights and trademarks. These property rights allow the holder to exercise a monopoly on the use of the item for a specified period. IPR'S enable people to earn recognition or financial benefit from what they invent or create. IP system aims to foster an environment in which creativity and innovation can flourish.



Various types of IPR's

TYPES OF IPR'S

Various types of IPR'S Include: Patents, Trademarks, Copyrights, Industrial Designs, Geographical Indications, Trade Secrets, Plant Variety Protection and Breeder's Rights, Traditional Knowledge (TKDL)

SIGNIFICANT ACHIEVEMENTS AT ICAR-CCARI

Patents Filed: Four patent applications have been filed

1. Application Serial No: 150/MUM/2014. Title: Process for fermentation of cashew apple juice using microbial consortium. Priority Date: 16th January, 2014.
2. Application Serial No: 3037/MUM/2015. Title: Extender for preservation of Boar Semen. Priority Date: 11th August, 2015.
3. Application Serial No: 201621012413. Title: Process for preparing Cashew Apple Crunch and resultant food product thereof. Priority Date: 8th April, 2016.
4. Application Serial No: 201621012414. Title: Process for preparing Nutmeg Taffy and resultant food product thereof. Priority Date: 8th April, 2016.

Germplasm Registrations:

1. Mango accession Cardozo Mankurad is registered with NBPGR, New Delhi with Registration No. INGR 11023 National Identity No. Ic0587716.
2. Korgut, a traditional landrace of rice from Goa, is registered with NBPGR, New Delhi, with Registration No. INGR 14055 and National Identity No. Ic0599689.
3. A local Pig breed "Agonda Goan Pig", is registered with NBAGR, Karnal, Haryana, with registration no. INDIA_PIG_3500_AGONDAGOAN_09003.
4. One Hundred and seven *Listeria monocytogenes* cultures are deposited with National Facility for veterinary type cultures collections at National Research Centre on equines and assigned with Accession Number. VTCCBAA334 to VTCCBAA440.
5. Nineteen *Ralstoniasolanacearum* cultures has been deposited with microbial culture collection of National Bureau of Agriculturally important microorganisms (NBAIM) and assigned the Accession Numbers from: NAIMCC-B-01613 to NAIMCC-B-01631.
6. Two *Ralstoniasolanacearum* cultures has been deposited with Microbial Type Culture Collection & Gene Bank, of CSIR-Institute of Microbial Technology, Chandigarh and assigned with accession no: Rs-09-161 (MTCC No.12263) and Rs-10-224.
7. Two bacterial strain cultures viz. *Bacillus methylotrophicus* RCh6-2b and *Bacillus methylotrophicus* STC-4 has been deposited NBAIM, Mau and assigned the accession no. NAIMCC-B-01889 and NAIMCC-B-01890.