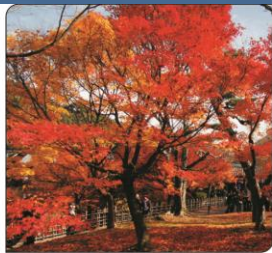




State Animal,
Hangul



State Tree,
Chinar



State Bird,
Black Necked
Crane



Tiger of Jammu,
'Mahaseer'



National Tree
'Banyan'



Meeting of National Innovation Clubs

Dr. Pankaj Mehta

Assistant Professor, Dept. of Environmental Sciences

Central University of Jammu, J&K, India

March 15, 2016@Rashtrapati Bhavan, New Delhi



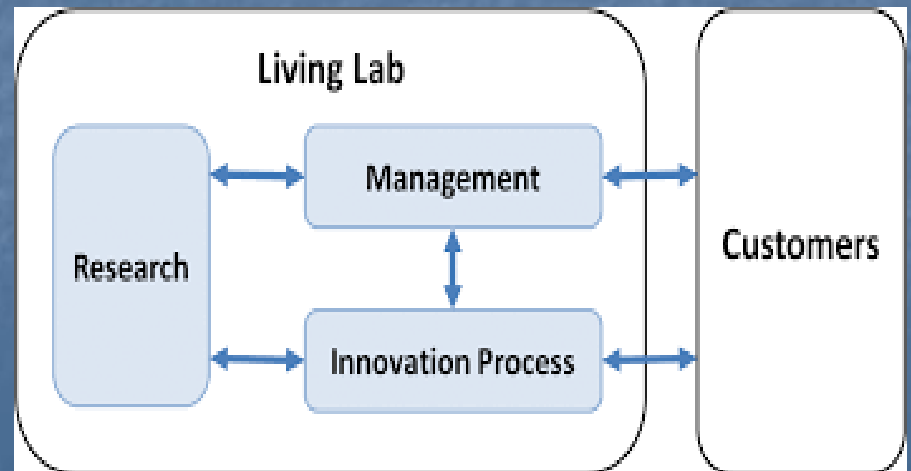
Idea → Research → IP disclosure → Review → Patent Application →
Commercialization → Revenue

INNOVATION

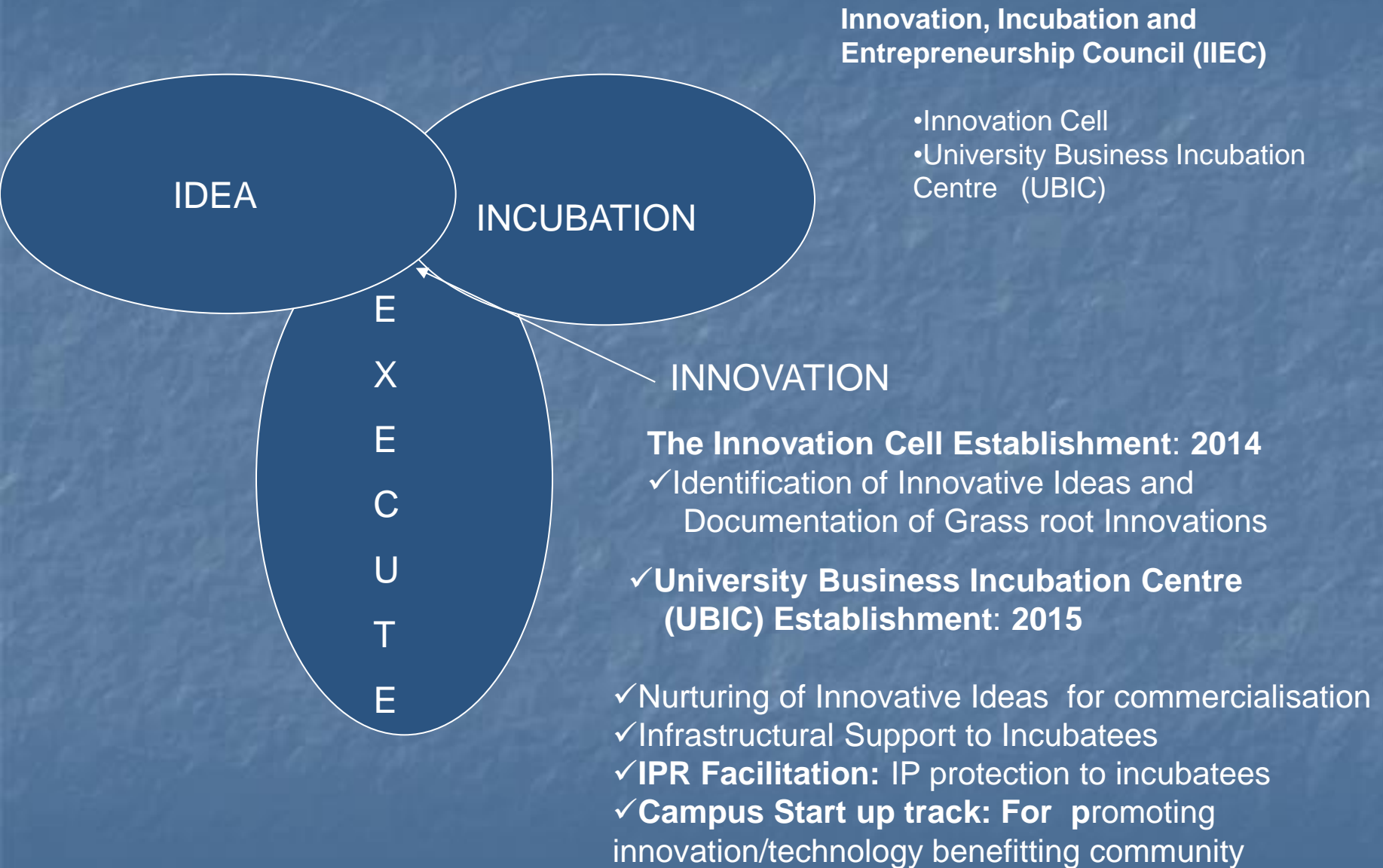
NO SHORTAGE OF IDEAS & INVENTION
CHALLENGE
INTRODUCE SUCCESSFULLY IN SOCIETY

“Profitable implementation of Ideas”

Key Drivers
Economic Growth
Intellectual Prosperity of Nation



INVENTION : NO COMMERCIAL VALUE AT ANY PARTICULAR TIME



Innovation, Incubation and Entrepreneurship Council (IIEC)

UBIC is a not-for-profit organisation supported by the Ministry of Micro, Small, Medium Enterprises, GOI under the scheme “Support for Entrepreneurial and Managerial Development of SMEs”.

UBIC seeks proposals that are innovative which are evaluated based on the following guidelines:

- Sustainability of the business model in the medium to long-term
- Financial Viability of the proposal
- Income and Employment Generation

UBIC's key roles are:

- Training and sensitization of target groups by providing guidance, technical assistance, financial support and IP support
- Connecting the entrepreneurs' with venture capitalists and financial institutions

INNOVATION –IPR Initiated



Thrust areas have been identified on the basis of resource endowments of each region (Jammu, Kashmir and Ladakh) to promote:

Handicrafts
Handloom
Carpet
Weaving



Smart Duster

The so called 'smart duster' are not smart in real sense contains plastic (ABS) & resin

“multiplier” effect on income and employment generation with green technology

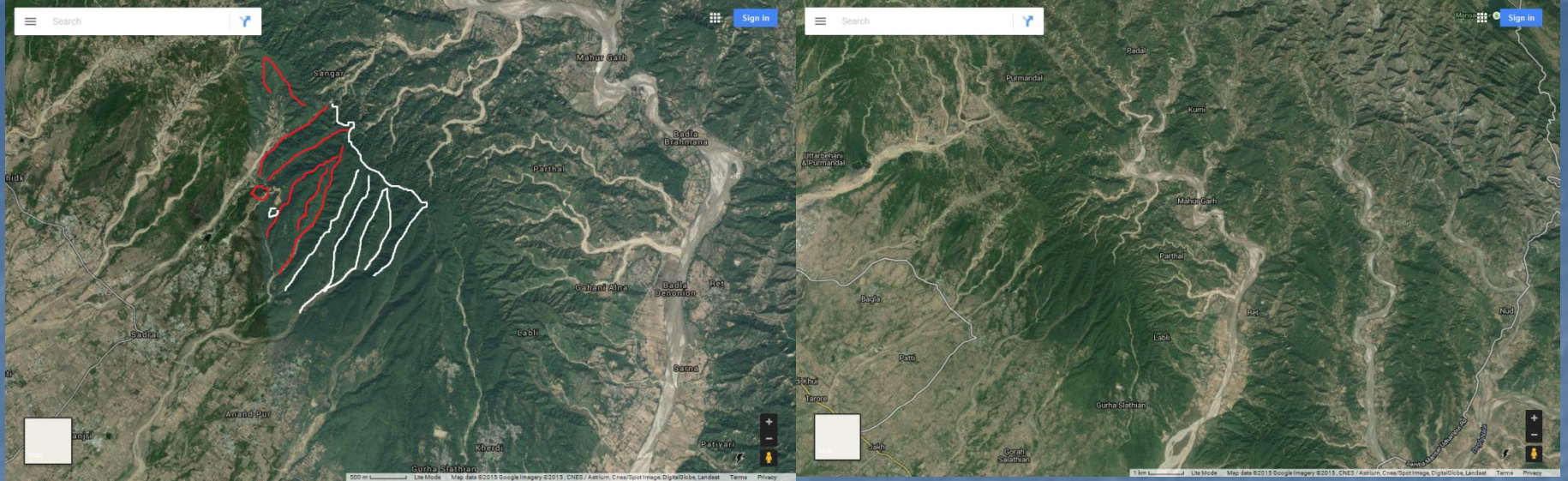
Dr Pankaj Mehta

Smart Duster (Reduce Waste and Environmental Damage) Green Technology

List of Innovators Identified*

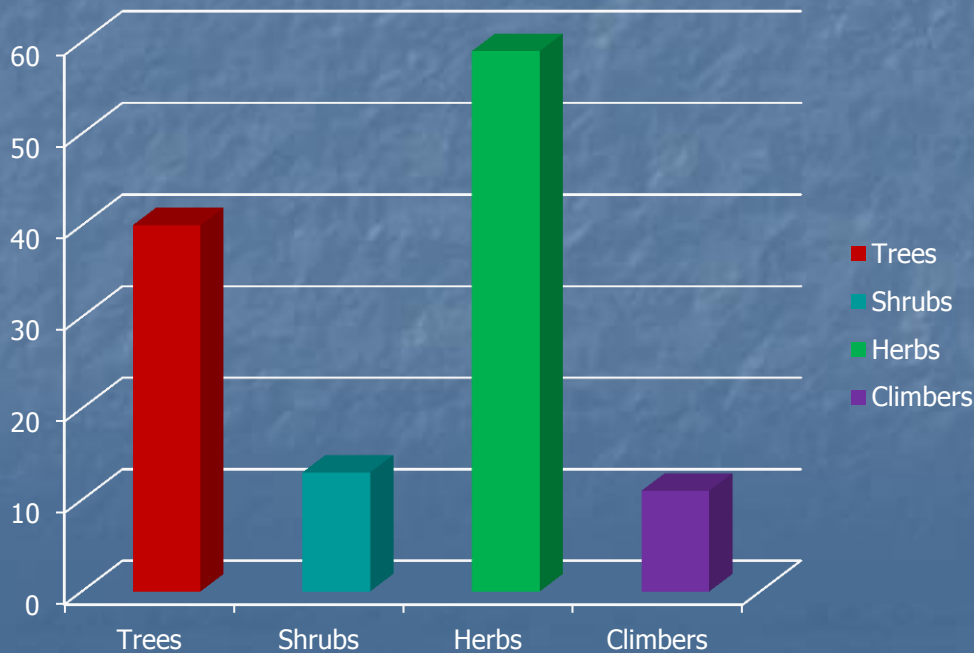
S.No	Innovators	Innovations
1.	Nipun Khajuria , Udhampur	H2 Run Car & Hydraulic Wheel Lock
2.	Jaffar Javed, Shahdara Sharif Rajouri	Comb embedded with oil antiseptics
3.	Pardeep Kumar, Rajouri	Alternative Source of Energy
4.	Dr D. M. Gaisas, Jammu	Three in One Ventilator
5.	Dr Ashish Patel, Dandiocha	Five Pang Needle
6.	Dr. K. C. Sharma, Udhampur	Sharma's Cystostomy Set Innovations in Surgery Plants and Drugs
7.	Mr. Aman, Chennani	Moving wall pictures

UBIC, CUJ : Providing technical guidance, and IP support



13 Survey Grids (Tracks)

Watershed and natural drainage system of CU Jammu



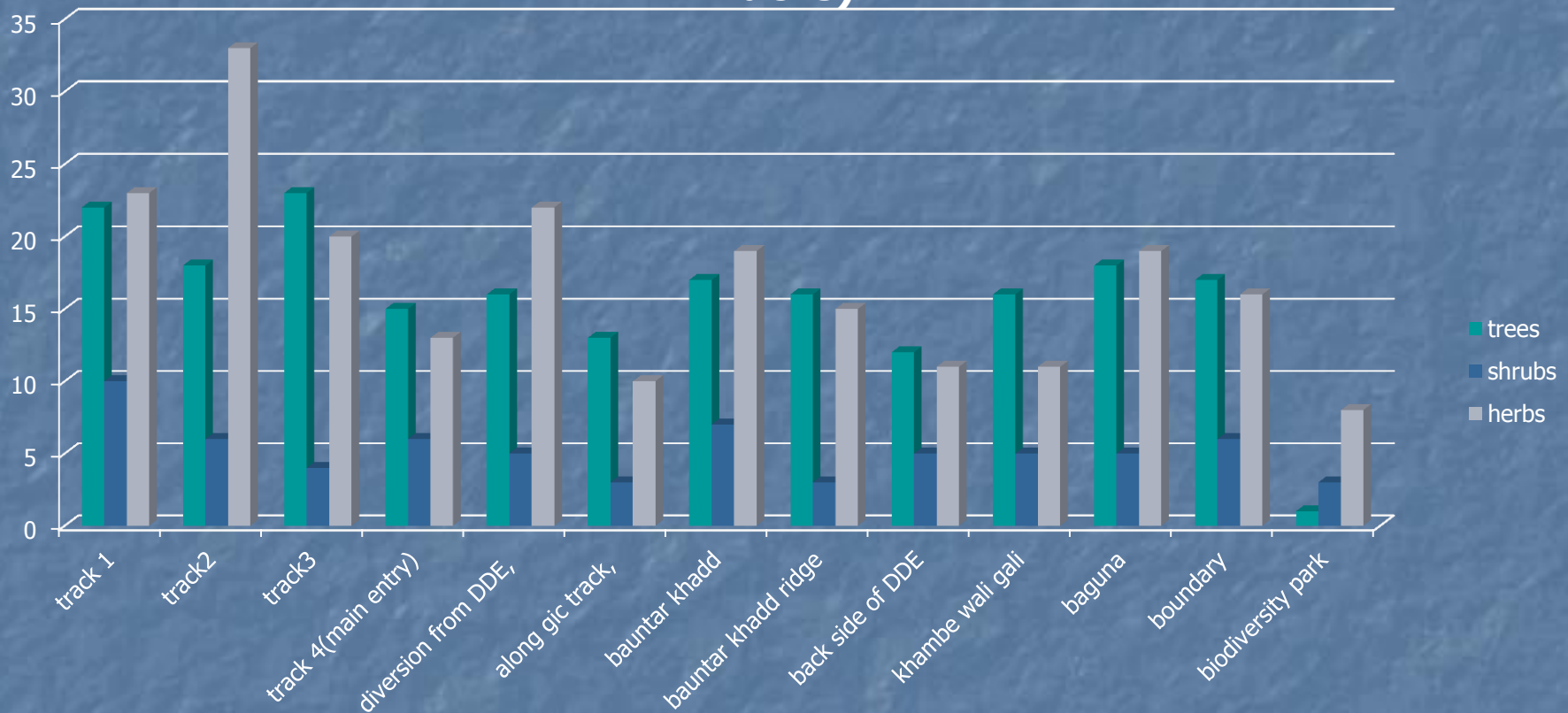
Dominance of herbs in Floral diversity of Central University Campus

Herbs, Shrubs & Trees of medicinal importance having potential for commercialization

Emblia officinalis (Amla, Indian gooseberry)
Cassia tora (Sickle Pod) *Carissa spinarum* (Garna), *Dodonaea viscosa* (Santha), *Holarrhena antidysenterica* (Telli cherry) etc.

Trackwise dominance of Trees, Shrubs and Herbs

Floral Diversity along the valleys and ridges (Survey Tracks)



	track 1	track 2	track 3	track 4 (main entry)	diversion from DDE,	along gic track,	bauntar khadd	bauntar khadd ridge	back side of DDE	khambe wali gali	baguna	boundary	biodiversity park
trees	22	18	23	15	16	13	17	16	12	16	18	17	1
shrubs	10	6	4	6	5	3	7	3	5	5	5	6	3
herbs	23	33	20	13	22	10	19	15	11	11	19	16	8



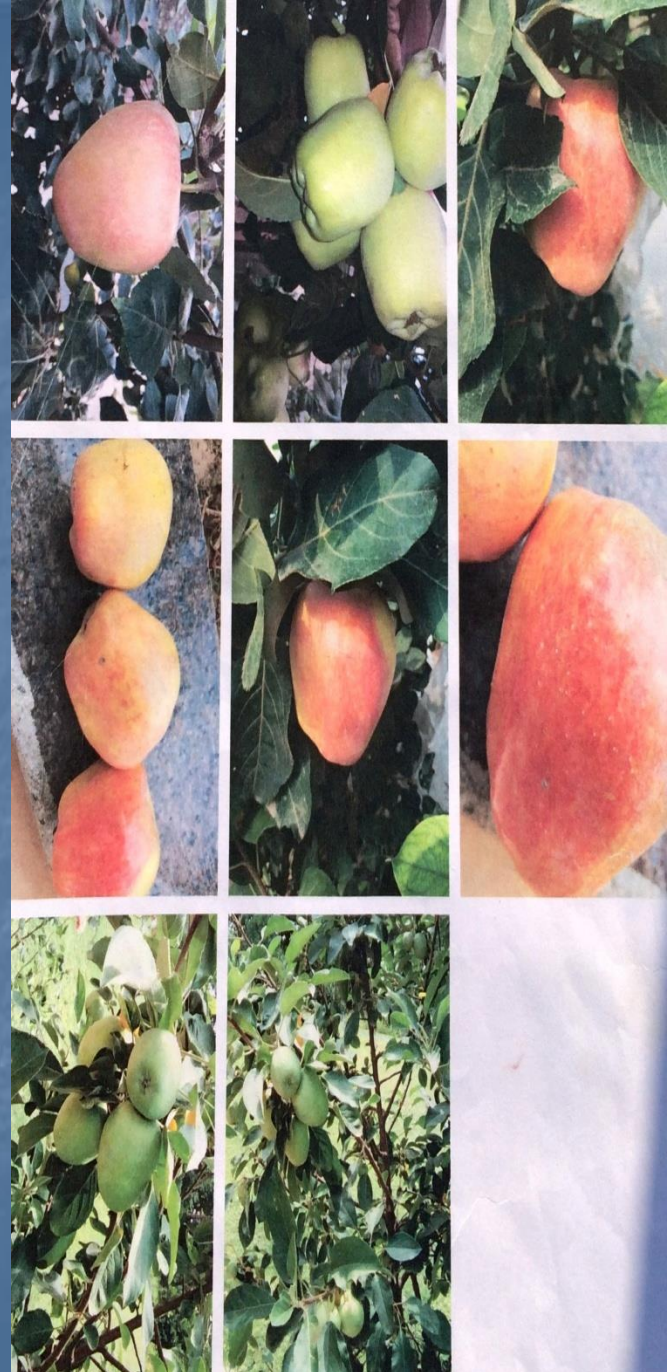
Extension Activity of the IIEC - CUJ, Jammu

Hariman – 99 Summer zone apple (A new species)

Use only Biofertilizer, Spray- Copper oxy-chloride
2.5gms /litre of water --- To increase the Shelf-Life

Fruiting- 3—4 years of Plantation, Fruits are
seedless, Each plant gives about 10-12 kgs fruit

The IIEC, Central University of Jammu in
collaboration with NIF is actively promoting the
plantation which is made in several districts of
Jammu Province.





*knowledge refines, purifies and
sharpens the mind.*

The Rising Sun, the Banyan Tree and the Infinite Sky are some of the most significant constituents of nature, epitomizing its essence and motivating the mankind to embrace a productive way of life, to acquire knowledge and attain peace and happiness.

Thanks

Central University of Jammu

[Established under Central Universities Act, 2009]