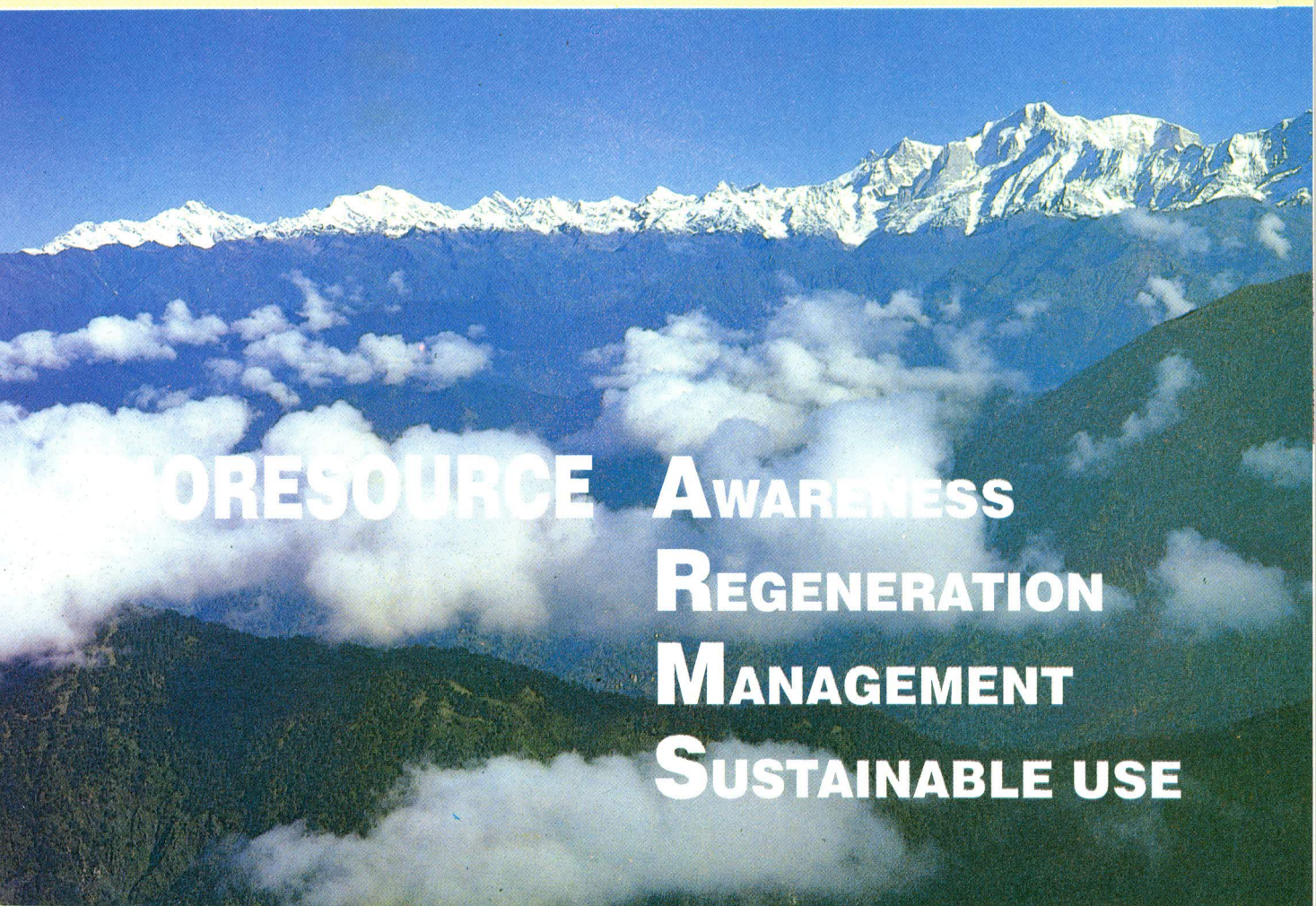


# IHBT

*Serves the Nation through*



**BIORESOURCE**

**AWARENESS**

**REGENERATION**

**MANAGEMENT**

**SUSTAINABLE USE**



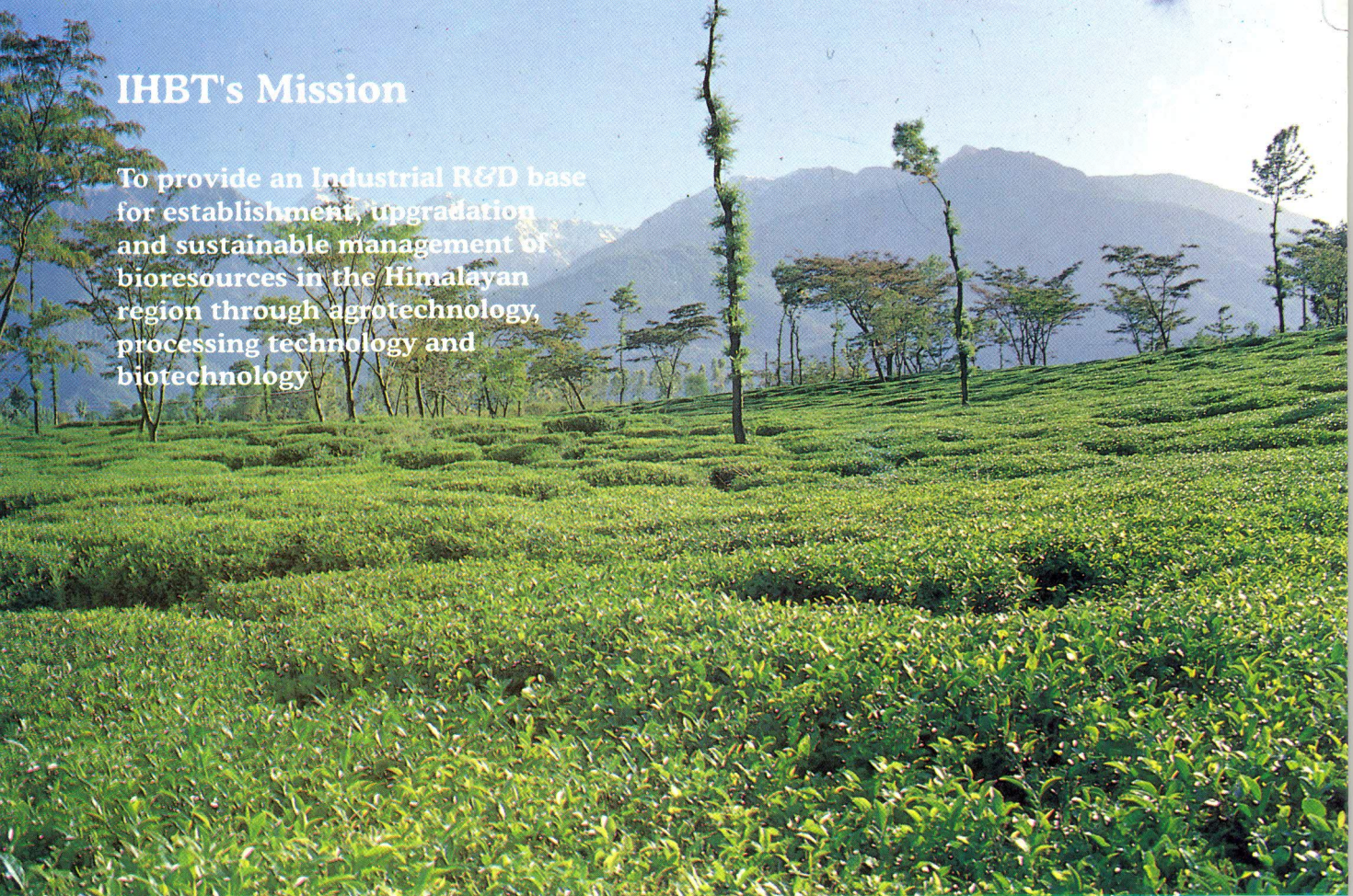
**Institute of Himalayan Bioresource Technology**

CSIR, Ministry of Science & Technology, Govt. of India  
Palampur-176 061 (HP) India



## IHBT's Mission

To provide an Industrial R&D base for establishment, upgradation and sustainable management of bioresources in the Himalayan region through agrotechnology, processing technology and biotechnology



*Tea Plantation*



*Rose Plantation*



*Tissue Culture*

## IHBT's Thrust Areas

- ◆ Biodiversity conservation.
- ◆ Management of tea plantations and tea manufacture.
- ◆ Agrotechnologies for floriculture crops (such as gladiolus, tulips, chrysanthemums, bird of paradise, lillium, etc.).
- ◆ Processing technologies for aromatics and herbals.
- ◆ Characterization, improvement and propagation of the selected industrial crops through conventional methods & Biotechnology.
- ◆ Information, Training and Technology Transfer.



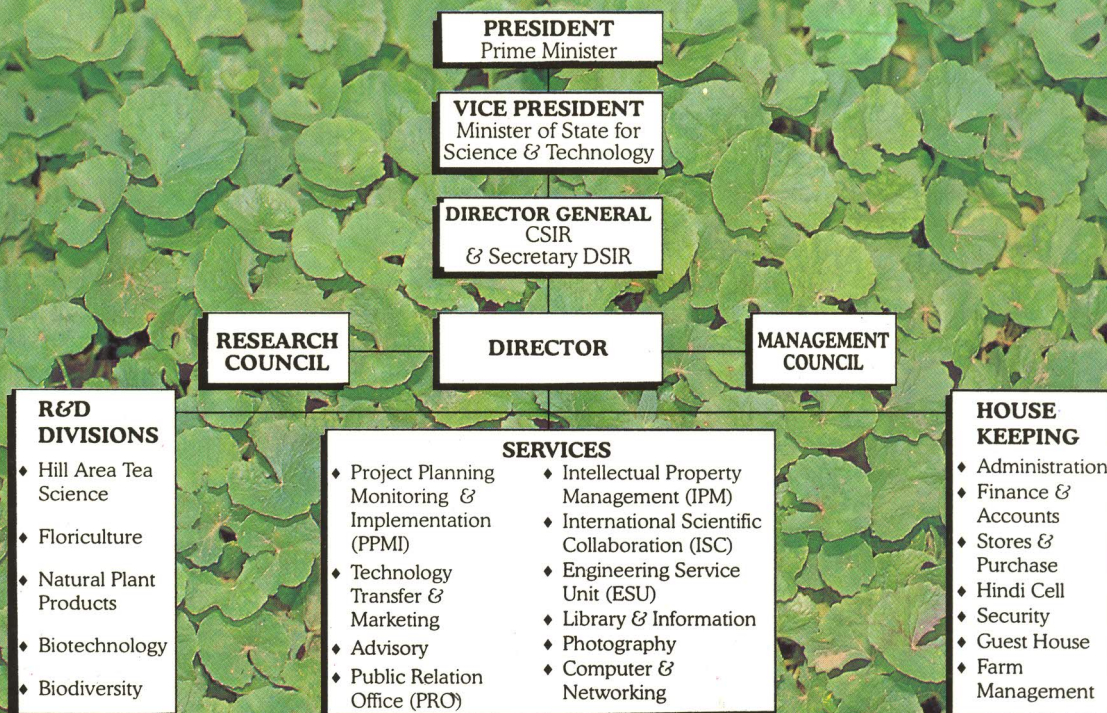
## Salient Achievements:

- ♦ Doubling of tea production in Garo valley 0.6 million kg made tea in 1986 to 1.5 million kg in 1997.
- ♦ Introducing quality tea manufacture.
- ♦ Agrotechnology and processing technology for Damask rose (*Rosa damascena*) and wild marigold (*Tagetes minuta*).
- ♦ Release of two Damask rose cultivars 'Jwala' and 'Himroz'.
- ♦ Commercial cultivation of flowers in Himachal Pradesh.
- ♦ Micropropagation of tea, bamboo, tiger lily, gladiolus, ferns and some other ornamental, medicinal & aromatic plants.
- ♦ Training in cultivation of floriculture crops, medicinal & aromatic plants, tea management and micropropagation.



Floriculture

## ORGANISATION CHART





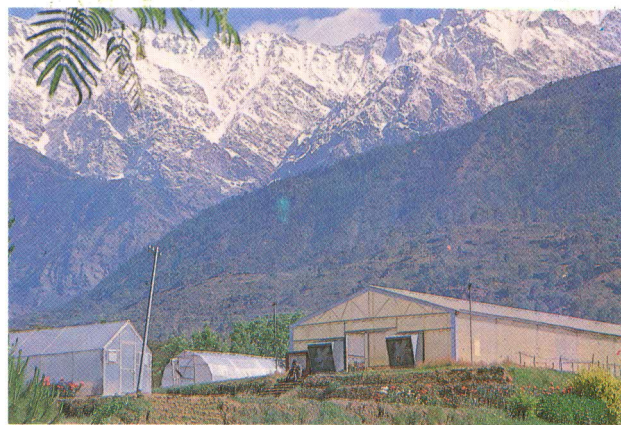


*Processing Unit*

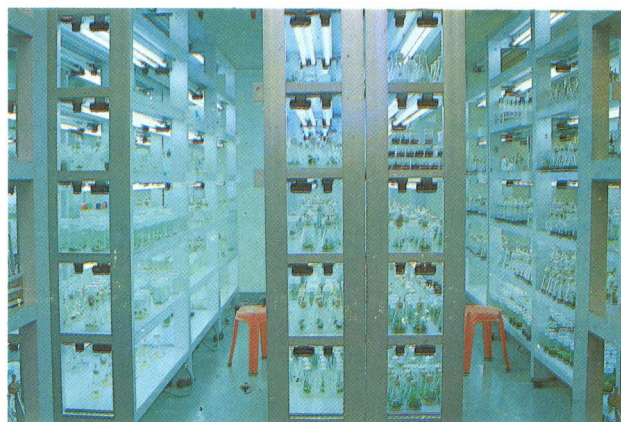
## **Infrastructure :**

IHBT has the most modern and well equipped laboratory facilities for plant biotechnology, chemistry, pesticide residue testing, virus testing, radio isotope work and quality testing of made teas. These laboratories are supported by sophisticated instruments and modern library facilities, backed up with computer networking. In addition, a tea plantation, rose plantations, greenhouses/polyhouses, processing plants for essential oils and tea manufacture and a reference herbarium of the flora of the region alongwith live specimens maintained in the herbal garden are the highlights of the Institute's infrastructure.

IHBT's annual budget for 1997-98 from CSIR was 3.2 crores. In addition, grants under sponsored projects are obtained from Government Bodies such as DBT, DST, Min. of Health & Family Welfare, DoEn, APEDA, Tea Board etc. Funds are also coming from the industries in the pharmaceutical, micropropagation and tea sectors.



*Green Houses*



*Culture Rooms*





*Laboratories*

The Institute of Himalayan Bioresource Technology (nee CSIR Complex), Palampur, is a constituent laboratory of the Council of Scientific & Industrial Research (Govt. of India) under the Ministry of Science & Technology. The Institute was established in 1983 in the famous Kangra valley known for its scenic beauty and mysticism. The 227 acre campus is located in the salubrious environs of Palampur (1300 msl) perched in the lap of the majestic snow clad Dhauladhar ranges of western Himalayas.



*Instrumentation*

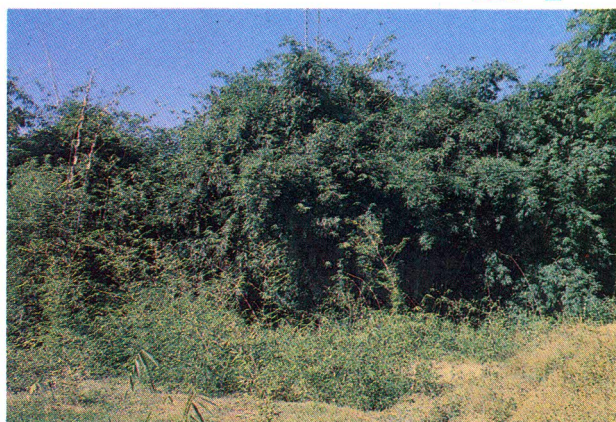


*Guest House*





*Tagetes minuta*



*Bamboo*

**IHBT catalyses growth and development in Agriculture, Horticulture and Forestry to serve the following Industrial Sectors :**

- ◆ Foods & Beverages
- ◆ Drugs & Pharmaceuticals
- ◆ Essential oils/Perfumery/Cosmetics
- ◆ Floriculture
- ◆ Plant Biotechnology
- ◆ Dyes, Tannins & Flavours
- ◆ Agrochemicals
- ◆ Fuel & Fodder
- ◆ Paper

**IHBT Serves Through**

- ◆ Project Formulation and Evaluation
- ◆ Consultancy Services / Technology Transfer
- ◆ Collaborative Research
- ◆ Turnkey Ventures
- ◆ Information Services/ Databases
- ◆ Plant Virus Testing
- ◆ Planting Materials
- ◆ Chemical Analysis
- ◆ Training and HRD

**Contact Person**

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