Frequently Asked Questions (FAQs)

1. **I am interested in knowing about technologies developed by the Institute.**

   The details of the technologies are available at https://www.ihbt.res.in/images/TechProfileCSIR_IHBT.pdf . For specific query related to any technology you may contact Head Business Development and Marketing Unit through email: bdmu@ihbt.res.in

2. **How can I apply for internship in your Institute?**

   Students doing post graduate studies in Life Science, Chemical science, Biodiversity, Food Sciences and interested in undertaking internship from this Institute can send mail to “training@ihbt.res.in” mentioning the area of interest along with CV . The training incharge will respond accordingly.

3. **I am interested in doing research. What kind of opportunities do I have at CSIR-IHBT?**

   Institute makes conscious effort in HRD. The NET, DBT-JRF, INSPIRE, RGNF and other National level exam qualified students are encouraged to do Ph.D. under AcSIRThe graduate and postgraduates can work in projects to gain experience. The vacancies are notified under https://www.ihbt.res.in/en/employment-notice. The advertisement for suitable positions are announced from time to time and walk-in-interviews are held on scheduled dates.

4. **What kind of support CSIR-IHBT renders to StartUps?**

   CSIR-IHBT has been recognized as one of the incubation centers by MSME GoI and DSIR. Institute provide expertise and facilities to youth interested in stating own venture aligned to the mandate of the Institute. Technical guidance are provided for framing of proposals for seeking grant under HP CM Startup Yojna. Interested youth may contact Head Business Development and Marketing Unit email: bdmu@ihbt.res.in for any specific query.

5. **What kind of tests can be done at CSIR-IHBT and how can I get my samples tested?**

   Some key facilities are as follows:

   - Illumina NovaSeq 6000,UPLC, protein purification system, LC-QToF- IMS, LC-MS-MS, MALDI ToF, 2-D electrophoresis system.
   - Confocal microscope, scanning electron microscope, transmission electron microscope, atomic force microscope, flourescence spectrophotometer
   - Bioinformatics facility is equipped with range of high end servers, work stations, etc. It has access to the next generation sequencing facility through a Linux cluster with 10 TB disk space and 140 GB physical memory
   - Aeroponic and hydroponic systems, plant cell and tissue culture facility, biolistic gun and transgenic containment facility.
   - Unique facilities for climate change: FACE, tunnel and FATI along with meterological tower
   - Analytical facility with 300MHz and 600 MHz NMR, preparatory and analytical HPLC, GC, GC-MS (with headspace), LC/MS/MS, HPTLC, UV-Vis spectrophotometer, flash chromatography, super critical extraction unit.
   - Pilot scale spray dryer, industrial scale rotavapour, distillation units of 10 and 4 Q and 15 Kg capacity for processing of herbals.
   - Spinning cone evaporator, pilot scale spray dryer, mobile essential oil distillation unit, and scalable reaction system.
   - Food and nutraceutical laboratory with NIR composition analyzer, mixolab.
   - GIS, remote sensing and mapping facility.
   - Internationally recognized referral herbarium, fernery and polyhouses.
   - Experimental fields and farms, nethouses, walk-in plant growth chambers.
   - CPCSEA approved regulatory research facility and zebrafish facility.

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