

नवोन्मेषी एवं अनुप्रयुक्त जैव - प्रसंस्करण केंद्र (सी० आई० ए० बी०)

[जैव प्रौद्योगिकी विभाग के तहत एक राष्ट्रीय संस्थान (भारत सरकार)]

CENTER OF INNOVATIVE AND APPLIED BIOPROCESSING (CIAB)

(Department of Biotechnology, Ministry of Science and Technology)

Sector-81 (Knowledge City), PO-Manauli, S.A.S. Nagar, Mohali – 140306 (Punjab)

1. Institute Name:-

Center of Innovative and Applied Bioprocessing (CIAB)
(Registered under Societies Act of 1860, No. 4352)

2. Registered Office:-

Center of Innovative and Applied Bioprocessing (CIAB), Sector – 81, P.O Manauli,
Knowledge City, Mohali – 140306 (Punjab)

3. Objectives of the institute:-

- i. To carry out innovations, optimization, up-scaling and translation of knowledge, approaches, technologies and processes related and/or relevant to processing of bio-mass, agri-food, agri-produce etc.
- ii. To catalyze improvement and transformation of bioprocessing and agri-food sector through training, technological interventions, value addition, cultivating and evaluating ideas and models) etc. related to bioprocessing resources, processes and products etc.
- iii. To promote synergism among bioprocessing interested/relevant entrepreneurs, industrial establishment, start-up companies, resource holders, research and development institutes, educational and service institutions, individuals or innovator groups to function in partnership and/or collaborative mode.
- iv. To advance and synergize innovation systems related to bioprocessing for development of value-added/new/novel products and to serve as an incubator/service platform for the common interest groups/companies/entrepreneurs etc.
- v. To facilitate testing, validation, optimization, up-scaling etc. of the technologies and processes developed by Center of Innovative and Applied Bioprocessing (CIAB), National Agri-Food Biotechnology Institute (NABI) and/or public domain/open source institutions and/or from other sources in India and abroad, after acquiring/adopting them through licensing/agreement/mutual

understanding/consent etc. in case of proprietary issues.

- vi. To develop collaborations and new models of partnership, and to provide consultancies, services and support to bioprocessing concerned companies/entrepreneurs/co-operatives/other organizations, mainly in the primary and secondary agriculture sector.
- vii. To undertake production of novel or improved foods or food products or feeds or other products for early development and for GMP compliance with respect to quality, regulatory, environment, safety etc. parameters and certifications thereof.
- viii. To provide services, consultancies and support to the companies/co-operatives etc. in food, nutrition, agri-products, agri-business, secondary agriculture and allied areas.
- ix. To innovate, test, translate and up-scale lab-level R&D leads and outcomes related to approaches and technologies of bioprocessing biomass and biomaterials into quality products of varied human utilities including feed, food, nutrition, nutraceuticals, functional foods, phytochemicals, supplementals, additives etc. and other utility byproducts/co-products.
- x. To establish globe-wide alliances with relevant industries/institutions and provide support, infrastructural, incubatory services to relevant companies, entrepreneurs and individuals including for dissertations or exploratory or feasibility studies/reports etc.