

Advanced level institutional Biotech Hub at CMERTI, Lahdoigarh, Jorhat. Phase (II)

About Us: The Biotech Hub is a state-of-the-art facility dedicated to advancing research and development in the field of biotechnology. Our mission is to foster innovation, support scientific research, and provide training and resources to researchers, students, and the community.

The Biotech Hub was established under the project "**Establishment of Institutional Biotech Hub**," funded by the **Department of Biotechnology, Government of India**, in the year 2010. In 2023, it was upgraded to an "**Advanced Level Institutional Bio-tech Hub**" under the project "**DBT-NER Advanced Level Institutional Biotech Hubs at Central Muga Eri Research and Training Institute Jorhat, Assam**." This upgrade was sanctioned by DBT under order **BT/NER/143/SP44417/2021/125-126, dated 21-02-2023**.

Our Facilities: Our hub is equipped with cutting-edge technology and equipment, enabling researchers to conduct high-quality experiments and studies. From Microbiology to molecular biology, our facilities cater to a wide range of biotechnological applications.

Equipments procured under DBT Sponsored Biotech Hub under the project Establishment of Institutional Biotech Hub, 2010

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|------------------------------|------------------------|
| 1. Phase contrast Microscope | 7. Desktop Computer |
| 2. Deep Freezer (-20) | 8. Printer |
| 3. Gel Documentation System | 9. 10 KV UPS |
| 4. Micropipette | 10. pH meter |
| 5. Gel Electrophoresis Unit | 11. Pipette controller |
| 6. Clevenger apparatus | 12. Refrigerator |

Equipments procured under DBT Sponsored Biotech Hub under the project DBT-NER Advanced Level Institutional Biotech Hubs at Central Muga Eri Research and Training Institute Jorhat, Assam, 2023

1. Merck MILLIPORE model- DIRECT-Q® 3 KIT IN-ZRQS0P3IN along with Prefiltration system and (PTIR100LH)- Iron removal filter
Price Rs. 496330.00 (Four Lakh ninety six thousand three hundred and thirty only.)

Research and Development: At the Biotech Hub, we are committed to pushing the boundaries of scientific knowledge. Our research projects span various domains, including Seri biotechnology, genetics and microbiology. We collaborate with leading institutions and organizations to drive impactful research that addresses real-world challenges.

Training and Education: We believe in the power of education to transform lives. Our training programs are designed to equip students and researchers with the skills and knowledge they need to excel in the field of biotechnology. We offer workshops, seminars, and hands-on training sessions to ensure comprehensive learning.

We have upcoming training programs for students, which will be published soon. Stay tuned for more details!

Outreach and Community Engagement: The Biotech Hub is dedicated to promoting biotechnology within the broader community. We organize outreach activities, public lectures, and awareness campaigns to educate the public about the importance and potential of biotechnology. Our goal is to inspire the next generation of scientists and innovators.

Funding and Support: Our work is made possible through the generous support of **Department of Biotechnology, Government of India**. We have received extramural funding from prestigious institutions such as the Indian Council of Agricultural Research (ICAR) and the Department of Science and Technology (DST). This support enables us to continue our mission of advancing biotechnology research and education.

Contact Us We welcome inquiries and collaborations. If you have any questions or would like to learn more about our work, please feel free to contact us. Together, we can drive the future of biotechnology.

Dr. Arun Kumar KP

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