

List of Recommended Projects (Annexure- I)

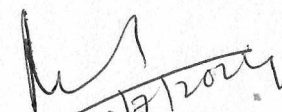
Sl. No	Project Code	Project Title	Name of Investigator/Organization	Recasted Budget(Rs.)
1	ITGA24-49	Development of a 24-Hour Operational Hybrid Greenhouse Solar Dryer Integrated with Novel Biogas Auxiliary Heating Unit	Dr. Pankaj Kalita, Associate Professor, School of Energy Science and Engineering, Indian Institute of Technology Guwahati, Guwahati - 781039	2,97,000
2	ITGA24-24	Eco-efficient recycling of plastic waste to sustainable construction material: An integrated green solution to plastic waste management	Dr. Nazneen Hussain Assistant Professor (Stage II), Department of Biosciences, Assam Don Bosco University (ADBU), Tapesia Gardens, Sonapur, Assam	2,70,000
3	ITGA24-42	Jal-Krishi: IoT-Based System for Monitoring Hydroponic Farming	Mr. Mriganka Gogoi Assistant Professor (Stage II) Assam Don Bosco University, Azara, Assam, India, PIN: 781017	2,51,696
4	ITGA24-29	Preparation of Cost-Effective High Calorific Value Durable Bio-Pellets from Bio Wastes	Dr. Nabajyoti Saikia Professor, The Assam Kaziranga University, Koraihowa, Jorhat, Rowmarikhuti, Assam 785006	2,25,000
5	ITGA24-45	Crafting a probiotic health beverage from fermented local millet (Konidhan) and banana (Bhim kol)	Dr. Vedant Vikrom Borah Assistant Professor, School of Life Sciences, Assam Don Bosco University, Tapesia, Sonapur, Assam	3,00,000
6	ITGA24-18	Journey Through Assam's Vaishnavite Manuscript Paintings: Bridging Heritage and Tourism with Digital Innovation	Dr. Nilakshi Goswami Assistant Professor & HoD (i/c), Dept. of English and Foreign Languages, Girijananda Chowdhury University	2,70,000

Special Recommendation:

Project Code ITGA24-68- "Portable Dissection Apparatus for Botanical Specimen"

PI- Dr. Dipankar Borah, Assistant Professor at Kaliabor College, Assam

Recommendation: As the technology is already established, the committee recommends that the next phase should focus on commercialization. Specifically, it is suggested to engage an entrepreneur or start-up to handle the marketing and production aspects. PI may approach ASTEC if required.


31/7/2024