

**Examination & Clearance of the proposals by IBSC in its 9<sup>th</sup> meeting held on 27.05.2025**

Sl. No	Appln No.	Name (PG/UG/PhD)	Title of the research Problem	Remarks, if any
1	IBSC/Apln/2025/39	Dhritiporna Sutradhar (PG)	Bacterial diversity and its probiotic efficiency in fermented rice water.	<ul style="list-style-type: none"> <li>• <b>Approved</b> with a recommendation to change the title to "<b>Isolation of <i>Lactobacillus</i> sp. From fermented rice and evaluation of the probiotic efficacy</b>" and resubmit the application.</li> <li>• Recommended to use a BSL-2 facility</li> </ul>
2	IBSC/Apln/2025/40	Dipta saha(PG)	Study of the effect of biofertilizer (VAM), Vermicompost and Organic fertilizer on the growth of Tomato Plant	<ul style="list-style-type: none"> <li>• <b>Approved</b></li> </ul>
3	IBSC/Apln/2025/41	V Kimi Kilong (UG)	Survey and study of some common fungi present in spoiled vegetables collected from market area	<ul style="list-style-type: none"> <li>• <b>Approved with a recommendation to use a BSL-2 facility</b></li> </ul>
4	IBSC/Apln/2025/42	Kashmita Ojah (PhD)	Green synthesis of silver nanoparticles from different parts of Citrus jambhiri Lush, for its antimicrobial activity against common plant pathogens of Citrus fruits	<ul style="list-style-type: none"> <li>• <b>Approved with a recommendation to use a BSL-2 facility during the antimicrobial activity assay against plant pathogens</b></li> </ul>
5	IBSC/Apln/2025/43	Prerana Doley (PhD)	Diversity, Molecular characterization and Management of Phytophthora <i>sp.</i> associated with Phytophthora Root Rot Disease of Khasi Mandarin in Tinsukia district of Assam.	<ul style="list-style-type: none"> <li>• <b>Approved with a recommendation to use a BSL-2 facility and include a comprehensive plan for handling and disposal of biohazard waste.</b></li> </ul>
6	IBSC/Apln/2025/44	Rini Deori (PG)	Comparison between Rhizospheric microflora of Millets and Paddy field soil	<ul style="list-style-type: none"> <li>• <b>Approved with a recommendation to use a BSL-2 facility</b></li> </ul>

7	IBSC/Apln/2 025/45	Nikita Gogoi (PG)	Comparative analysis of paddy soil microbial diversity in Kamrup and Dibrugarh district of Assam: Evaluation of acid production and pesticide degradation potential.	<ul style="list-style-type: none"> <li>• <b>Approved with a recommendation to use a BSL-2 facility</b></li> </ul>
8	IBSC/Apln/2 025/46	Ditikanya Hazarika (UG)	Study of Rhizospheric soil microbes of grasses of Botany Department of Cotton University	<ul style="list-style-type: none"> <li>• <b>Approved with a recommendation to use BSL-2 facility</b></li> </ul>
9	IBSC/Apln/2 025/47	Bhumismita Nath (UG)	Study of the microflora of garden soil of Botany Department, Cotton University	<ul style="list-style-type: none"> <li>• <b>Approved and with a recommendation to use BSL-2 facility</b></li> </ul>
10	IBSC/Apln/2 025/48	Dr. Moitrayee Banerjee Chakraborty , (PHD)	Exploration of microbial diversity of paddy-fields using metagenomic approach and culture dependent methods.	<ul style="list-style-type: none"> <li>• <b>Approved with a recommendation to use BSL-2 facility</b></li> </ul>
11	IBSC/Apln/2 025/49	Ms. Nikita Devi (PhD)	Synergistic integration of efficient microbial consortia isolated from earthworm gut for heavy metal remediation using bio-based nano delivery vehicles	<ul style="list-style-type: none"> <li>• <b>Approved with a recommendation to use BSL-2 facility</b></li> </ul>



Member Secretary  
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Date: 14.06.2025