

**MINUTES OF MEETING OF INSTITUTIONAL BIOSAFETY COMMITTEE (IBSC)**  
**Cotton University (CU), Panbazar, Guwahati-01**

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**Meeting Date and Time:**

18<sup>th</sup> June 2024 at 2.00 PM

**Venue:**

Conference Hall, MCB Building, CU.

**Meeting Agenda:**

1. Discussion & clearance of received proposals to carry out research & development in the University.
2. Any other business

The following members were present in the meeting:

1. Prof. Ramesh Chandra Deka, Vice Chancellor, Cotton University
2. Prof. Probodh Borah, DBT Nominee, Director of Research (Veterinary), College of Veterinary Science, Assam Agricultural University.
3. Prof. Mausumi Ganguly, Dept. of Chemistry, CU
4. Dr Raju Bharalee, Dept. of MBBT, CU
5. Dr Girindra Kumar Bora, Biosafety officer, CARI, Guwahati
6. Dr Debabrat Baishya, Outside Expert, Dept. of Bioengineering and Technology, GU
7. Dr Nameirakpam Nirjanta Devi, Dept. of MBBT, CU
8. Dr Namram Sushindrajit Singh, Dept. of Zoology, CU
9. Dr Purabi Deka Bose, Dept. of MBBT, CU
10. Dr A K Verma, Dept of Zoology, CU
11. Dr Leena Borah, Dept of EBWS, CU

**The following points were discussed in the meeting**

1. The IBSC secretary gave the welcome address and briefed the house about the functioning of IBSC at Cotton University. This was followed by an address from the Prof. Ramesh Chandra Deka, Chairman of IBSC and Vice Chancellor, CU
2. The IBSC members reviewed and approved the following 6 proposals in the meeting.

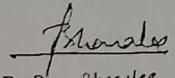
SL No	Appl. No	Title of the project/Research work	Applicant	Approved (Yes/No)	Remarks, if any
1	IBSc/Ap In/2024 /30	Study of climate change adaptation and mitigation practices in differently managed rice agro-ecosystems of Assam	Ms Bedabati Kalita, Dept of EBWS	Yes	
2	IBSc/Ap In/2024 /31	Exploring the potential of Biofertilizers in mitigating nitrous Oxide emissions from Rice Cultivation	Ms Priyanka Boro, Dept of EBWS	Yes	

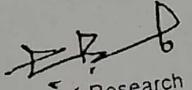
SL No	Appl. No	Title of the project/Research work	Applicant	Approved (Yes/No)	Remarks, if any
3	IBSc/Ap In/2024 /32	Antitumour activity and toxicological evaluation of Giant Golden Orb Weaver Spider ( <i>Nephila</i> spp.) venom components against lymphoma bearing mice.	Mr Anirban K Paul, Dept. of Zoology	Yes	Approved, subject to use of BSL2 B2 facility and submission of clearance from <b>Institutional Animal Ethics Committee (IAEC)</b>
4	IBSc/Ap In/2024 /33	Impacts of high temperature treatment on rice growth and yield with emphasis on nitrogen use efficiency and soil health	Ms Soni Talukdar, Dept. of EBWS	Yes	Recommended to specify possible bacteria and fungi to be isolated during the work based on available literature
5	IBSc/Ap In/2024 /34	Role of propolis in prevention and cure of bacterial/fungal diseases in Silk worm, <i>Samia ricini</i> , (Donovan) (Lepidoptera: Saturniidae) and its impact on silk quality production.	Ms Bidisha Talukdar, Dept of Zoology	Yes	Approved, subject to use of BSL-2 facility for handling <i>Beauveria bassiana</i>
6	IBSc/Ap In/2024 /35	Mitigation of white fly ( <i>Bemesia tabaci</i> ) pest with essential oil of some indigenous plants for sustainable crop protection	Dr Afrida Hussain, Dept. of Botany	Yes	

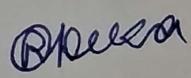
### 3. Inputs/suggestions from Members

- The DBT nominee emphasized on the necessity for using biosafety cabinet to ensure safety of the users and the environment.
- The house members recommended getting the detail methodology in the application form from the applicant for thorough screening.
- The DBT nominee advised to arrange for a visit of the IBSC members to concerned laboratories/departments in the next IBSC meeting to inspect the containment facilities.
- The house discussed for organizing awareness program on **Biosafety** in the University by the end of 2024.

The meeting was concluded with a vote of thanks by Dr. Raju Bharalee, Member Secretary, IBSC, CU.

  
 Dr Raju Bharalee  
 Assistant Professor  
 Dept. of Mol Biol. and biotechnology  
 Cotton University  
 Guwahati-01, Assam

  
 Director of Research (Vety.)  
 Assam Agricultural University  
 Khanapara, Guwahati-781 022



Date: 19.06.2024

Dr Raju Bharalee  
 (Secretary, IBSC, CU)  
 Assistant Professor,  
 Dept. of MBBT, Cotton  
 University

Date: 19.06.2024

Prof. Probodh Borah  
 (DBT Nominee, IBSC, CU)  
 Department of Animal Biotechnology,  
 College of Veterinary Science, Assam  
 Agricultural University, Khanapara

Date: 19.06.2024

Prof. Ramesh Ch. Deka  
 (Chairman, IBSC, CU)  
 Vice Chancellor,  
 Cotton University  
 Panbazar, Guwahati