

जैव रसायन विज्ञान और कवक विज्ञान का मिलन: लाइकेन और मशरूम पर व्यावहारिक प्रशिक्षण' पर प्रशिक्षण

| | |
|-------------------------|---|
| आयोजन का नाम | जैव रसायन विज्ञान और कवक विज्ञान का मिलन: लाइकेन और मशरूम पर व्यावहारिक प्रशिक्षण' पर प्रशिक्षण |
| तिथि | 24/04/2025 to 25/04/2025 |
| अवधि | 2 दिन |
| कार्यक्रम का स्थान | आईसीएफआरई-बीआरसी, बेथलहम वेंगथलांग, आइजोल, मिजोरम |
| उद्देश्य/एजेंडा | छात्रों को लाइकेन और मशरूम पर प्रशिक्षण |
| प्रतिभागियों की संख्या | 26 |
| भाग लेने वाली संस्था | जिरतिरी आवासीय विज्ञान सरकारी महाविद्यालय |
| आयोजन करने वाली संस्था | आईसीएफआरई-बीआरसी, बेथलहम वेंगथलांग, आइजोल, मिजोरम |
| अनुदान देने वाली संस्था | भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद (आईसीएफआरई), देहरादून (कैम्पा विस्तार के अंतर्गत) |

प्रशिक्षण का विवरण:

आईसीएफआरई-बांस और रतन केंद्र (आईसीएफआरई-बीआरसी), आइजोल ने 24-25 अप्रैल, 2025 तक वन विज्ञान केंद्र (वीवीके), मिजोरम के तहत लाइकेन और मशरूम पर एक व्यावहारिक प्रशिक्षण: जैव रसायन विज्ञान और कवक विज्ञान का मिलन पर दो दिवसीय प्रशिक्षण आयोजित किया। सरकारी जिरतिरी आवासीय विज्ञान महाविद्यालय, जैव रसायन विभाग, VI सेमेस्टर के प्रशिक्षुओं ने प्रशिक्षण में भाग लिया। श्री संदीप यादव, वैज्ञानिक-डी और प्रमुख, आईसीएफआरई-बीआरसी ने स्वागत भाषण दिया और केंद्र की शोध और विस्तार गतिविधियों के बारे में संक्षिप्त परिचय दिया।

उपस्थित लोगों को वर्चुअली संबोधित करते हुए, ICFRE-RFRI जोरहाट के निदेशक डॉ. नितिन कुलकर्णी ने प्रशिक्षण कार्यक्रम की परिवर्तनकारी क्षमता को रेखांकित किया। उन्होंने अपना विश्वास व्यक्त किया कि यह एक उत्प्रेरक के रूप में काम करेगा, जो छात्रों को अपने बौद्धिक क्षितिज को व्यापक बनाने और अपने निर्धारित अध्ययन के दायरे से परे अभिनव सोच में संलग्न होने के लिए प्रेरित करेगा। डॉ. कुलकर्णी ने जिरतिरी आवासीय विज्ञान महाविद्यालय और ICFRE-BRC के बीच सहयोगी साझेदारी में ठोस प्रगति की ओर भी ध्यान आकर्षित किया, जैसा कि उनके समझौता ज्ञापन के व्यावहारिक कार्यान्वयन से स्पष्ट है। अपने समापन भाषण में, उन्होंने छात्रों को आत्मनिर्भरता की एक मजबूत भावना विकसित करने और सक्रिय रूप से ऐसे कौशल

विकसित करने के लिए प्रोत्साहित किया जो उन्हें उनके भविष्य के प्रयासों में अत्यधिक रोजगार योग्य बनाएंगे।

मुख्य अतिथि के रूप में छात्रों को संबोधित करते हुए, मिजोरम विज्ञान प्रौद्योगिकी और नवाचार परिषद (MISTIC) की वैज्ञानिक अधिकारी डॉ. लालचंदमी तोचावंग ने अपनी बौद्धिक क्षमताओं के अनुप्रयोग पर व्यावहारिक मार्गदर्शन दिया। उन्होंने छात्रों से अपने चुने हुए विषयों की सीमाओं से परे सोचने और विभिन्न क्षेत्रों में चुनौतियों से निपटने में अपने कौशल की बहुमुखी प्रतिभा को पहचानने का आग्रह किया। डॉ. तोचावंग ने छात्रों को अनुसंधान के मानकों को सक्रिय रूप से शामिल करने और बढ़ाने के लिए उत्साहपूर्वक प्रोत्साहित किया। हमारे राज्य के अनूठे संदर्भ की ओर ध्यान आकर्षित करते हुए, उन्होंने हमारे स्थानीय पारिस्थितिकी तंत्र और ज्ञान में निहित वैज्ञानिक और पर्यावरणीय खोज और योगदान की विशाल, अप्रयुक्त क्षमता पर प्रकाश डाला। उनके शब्द कार्रवाई के लिए एक प्रेरक आह्वान के रूप में कार्य करते हैं, जिससे छात्रों को अपने स्वयं के पर्यावरण की वैज्ञानिक समझ को उजागर करने और इसमें योगदान देने में सक्रिय भागीदार बनने के लिए प्रोत्साहित किया जाता है। ICFRE-BRC आइजोल के वैज्ञानिक-बी अरुण सुकुमारन ने धन्यवाद ज्ञापन किया। उद्घाटन सत्र एक समूह फोटो और हाई टी के साथ समाप्त हुआ। चाय के ब्रेक के बाद, मुख्य प्रशिक्षण सत्र शुरू हुआ, जिसका कुशल मार्गदर्शन श्री. संदीप यादव और डॉ. अल्बाना एल. चावंग्थू। उनके सत्रों में लाइकेन और मशरूम के विविध पहलुओं पर गहन चर्चा की गई, जिससे प्रतिभागियों को बहुमूल्य अंतर्दृष्टि और ज्ञान प्राप्त हुआ। प्रशिक्षण कार्यक्रम 25 अप्रैल की दोपहर को आकर्षक चर्चाओं और उपस्थित लोगों की रचनात्मक प्रतिक्रिया के साथ समाप्त हुआ। इसके बाद एक औपचारिक समापन सत्र हुआ, जिसमें प्रतिभागियों को उनकी भागीदारी के लिए सम्मानित किया गया और उन्हें पूरा होने के प्रमाण पत्र प्रदान किए गए।

Training on 'Biochemistry Meets Mycology: A Hands-on Training on Lichens and Mushrooms'

| | |
|-------------------------|---|
| Name of Event | Training on 'Biochemistry Meets Mycology: A Hands-on Training on Lichens and Mushrooms |
| Date(s) | 24/04/2025 to 25/04/2025 |
| Duration | 2 days |
| Venue | ICFRE-BRC, Bethlehem Vengthlang, Aizawl, Mizoram |
| Purpose/Agenda | Hands on training of students on Lichens and Mushrooms |
| No. of Participants | 26 |
| Participating Agency(s) | Govt. Zirtiri Residential Science College |
| Organizing Agency(s) | ICFRE-BRC, Aizawl |
| Funding Agency(s) | Indian Council of Forestry Research & Education (ICFRE), Dehradun (under CAMPA Extension) |

Concise Details of the Event:

The ICFRE-Bamboo and Rattan Centre (ICFRE-BRC), Aizawl, organised a two-day training on Biochemistry Meets Mycology: A hands-on training on Lichens and Mushrooms under Van Vigyan Kendra (VVK), Mizoram from 24th -25th April, 2025. Trainees from Govt. Zirtiri Residential Science College, Biochemistry Department, VI semester, attended the training. Sh. Sandeep Yadav, Scientist-D & Head, ICFRE-BRC, delivered the welcome address and gave a brief introduction about the research and extension activities of the centre.

Virtually addressing the attendees, **Dr. Nitin Kulkarni**, the Director of ICFRE-RFRI Jorhat, underscored the transformative potential of the training program. He articulated his belief that it would serve as a catalyst, inspiring students to broaden their intellectual horizons and engage in innovative thinking that extends beyond the confines of their prescribed studies. Dr. Kulkarni also drew attention to the tangible progress in the collaborative partnership between Zirtiri Residential Science College and ICFRE-BRC, as evidenced by the practical implementation of their Memorandum of Understanding. In his concluding remarks, he passionately encouraged the students to develop a strong sense of self-reliance and to actively cultivate skills that would make them highly employable in their future endeavours.

Addressing the students as the Chief Guest, **Dr. Lalchandami Tochwang**, a Scientific Officer from the Mizoram Science Technology & Innovation Council (MISTIC), offered insightful guidance on the application of their intellectual capabilities. She urged them to think beyond the

boundaries of their chosen subjects and to recognize the versatility of their skills in tackling challenges across various domains. Dr. Tochwang passionately encouraged the students to actively engage in and elevate the standards of research. Drawing attention to the unique context of our state, she highlighted the vast, untapped potential for scientific and environmental discovery and contribution that lies within our local ecosystems and knowledge. Her words served as an inspiring call to action, encouraging students to become active participants in uncovering and contributing to the scientific understanding of their own environment. Arun Sukumaran, Scientist-B at ICFRE-BRC Aizawl, delivered the vote of thanks. The inaugural session ended with a group photo and High tea. Following the tea break, the core training session commenced, expertly guided by Sh. Sandeep Yadav and Dr. Albana L. Chawngthu. Their sessions delved into diverse facets of Lichens and Mushrooms, providing participants with valuable insights and knowledge. The training program culminated on the afternoon of April 25th with engaging discussions and constructive feedback from the attendees. This was followed by a formal valedictory session where participants were acknowledged for their engagement and presented with certificates of completion.



Figure 1: A-B: Welcoming & Felicitation of the Chief Guest; C-D: Address by the Director; E: Address by the Chief Guest; F: Introduction by the trainees; G: Vote of thanks; H: Group Photo



Figure 2: A-H: Glimpses of the training



Figure 3: A-H: Valedictory and feedback session, Distribution of certificates.

NEWSLINK APRIL 25TH

2

NEWSLINK

April 25, Friday 2025

NORTHEAST

ARTICLES

The Pakistan-China Friendship Is Fast Turning Sour

By Aditi Bhaduri

Are Beijing-Islamabad ties under strain? Last month's bombing near Karachi airport, which killed two Chinese engineers and wounded a third, may well be a turning point. These bombings, claimed by the Baloch Liberation Army (BLA), were the latest in a string of attacks on Beijing's interests in Pakistan, which began in 2016. They have angered China, which has pushed Pakistan to begin formal negotiations for a joint security management system.

Last Monday, the Chinese foreign ministry spokesperson said that Beijing "will continue supporting Pakistan's counterterrorism effort[s] and socioeconomic development". Pakistani officials who have direct knowledge of the previously unreported negotiations told Reuters that the Chinese want to bring in their own security, something that Pakistan is not in support of. Beijing has sent Islamabad a written proposal to "allow the dispatch of security agencies and military forces into each other's territory to assist in counterterrorism missions and conduct joint strikes".

Investigate the attack, severely punish the perpetrators, and take all necessary measures to protect the safety of Chinese citizens, institutions and projects in Pakistan", and asked "Chinese citizens, enterprises and projects in Pakistan to be vigilant, pay close attention to the security situation, strengthen security measures, and make every effort to take safety precautions". This is not surprising because these two attacks are certainly not the only ones targeting Chinese interests and personnel in Pakistan.

The Balochistan Conflict
The roots of these tensions go back to Baloch dissatisfaction. However, the other broad underlying factor is Pakistan's inability to assimilate all its ethnic groups and provinces into a cohesive national identity, both culturally and economically. The narrative of Pakistani Balochistan follows a familiar trajectory.

It has been seen earlier in the history of East Pakistan (which ultimately decided its destiny as Bangladesh), of Pakistan-occupied Kashmir, and of the Northwest Frontier Province (now Khyber Pakh-

ICFRE-BRC conducts hands-on training on lichens and mushrooms for science students

Staff Reporter

Aizawl, April 24: A two-day practical training programme titled 'Biochemistry Meets Mycology: A Hands-on Training on Lichens and Mushrooms' was inaugurated on Thursday by the ICFRE - Bamboo and Rattan Centre (ICFRE-BRC), Aizawl, under the Van Vigyan Kendra (VVK), Mizoram initiative.

The training, which runs from April 24 to 25, is being attended by final semester students from the Department of Biochemistry, Government Ziriri Residential Science College. The programme aims to bridge biochemistry and mycology through experiential learning.

Delivering the welcome address, Scientist-D and Head of ICFRE-BRC, Sandeep Yadav, introduced the participants to the centre's ongoing research and outreach activities. He

emphasised the importance of such training in expanding the scientific outlook of young learners.

The inaugural session was graced by Dr. Lalchhandami Tochhawng, Scientific Officer, MISTIC, as chief guest. In her address, Dr. Tochhawng encouraged students to broaden their horizons and apply their scientific knowledge not only within their discipline but also in interdisciplinary and applied domains. She urged them to actively engage in research and underscored the untapped scientific potential of the North East.

Joining the session virtually, Dr. Nitin Kulkarni, Director of ICFRE - Rain Forest Research Institute (RFRI), Jorhat, expressed hope that the training would spark curiosity among students and motivate them to think beyond conventional

academic boundaries. He also noted the practical implementation of the Memorandum of Understanding (MoU) signed between Ziriri Residential Science College and ICFRE-BRC, encouraging students to strive for self-reliance and employability.

The technical sessions included expert presentations by Sandeep Yadav and Dr. Albana L. Chawngthu, a master trainer in mushroom cultivation. The duo guided the participants through key aspects of lichens and mushrooms, combining theoretical insights with practical demonstrations.

The training is expected to equip students with valuable field and laboratory skills while fostering interest in fungal biology and its applications in environmental and biotechnological sectors.

NEWSLINK APRIL 26TH

Training on Lichens and Mushrooms



Aizawl, Apr 25: ICFRE - Bamboo and Rattan Centre (ICFRE-BRC), Aizawl organized two days training on Biochemistry Meets Mycology : A hands -on training on Lichens and Mushrooms under Van Vigyan Kendra (VVK), Mizoram from 24th - 25th April, 2025.

Trainees from Govt. Ziriri Residential Science College, Biochemistry Department, VI semester attended the training.

Sh. Sandeep Yadav, Scientist-D & Head, ICFRE-BRC delivered the welcome address and gave a brief in-

roduction about the research and extension activities of the center.

The chief Guest, Dr. Lalchhandami Tochhawng, Scientific Officer, MISTIC advised the students to use their intellectual skills in their subject but also in various fields. She also encouraged the students to improve in research and that our states' alone have much to explore and contribute in the field of science and environment. Dr. Nitin Kulkarni, Director, ICFRE-RFRI Jorhat also joined the session and

stress in his speech that this training will inspire the students to think beyond their studies.

He also mentioned that the MoU signed between Ziriri Residential Science College and ICFRE-BRC is being implemented in practice and urged the students to be self-reliant and employable.

Sh. Sandeep Yadav, Scientist-D, ICFRE-BRC and Dr. Albana L. Chawngthu, Master Trainer in Mushroom proceeds with giving presentation in the selected topics to the trainees.

VIRTHLI APRIL 25TH

Zirlaite tan Pakhawi zirtirna Training nei

ICFRE - Bamboo and Rattan Centre (ICFRE-BRC) buatsaihin, Pa khawidan chungchang in-zirtirna leh Lichen chungchang in zirtirna hun, ni hnih awh tur chu ICFRE-BRC Confe Hall, Bethlehem Vengthlangah neih a ni a. Govt. Zirtiri Residential Science College, Biochemistry Dept a VI semester zirlaite chu sawm bik mithiam ten



training an pe. Dr. Lalchhandami Tochhhawng, Scientific Officer, MISTIC khuallian chuan. Zirlaite

chu an zirna subject bikah chauh nilo in, kawng hrang hrang a hman tlak an nih theih nan, zau zawk a an rilru ngaihtuahna hmang turin a chah a. Hnathawk tu chauh nilo a, midangte tan a hnathawh tur siamtu nih tum turin a chah bawk. Dr. Nitin Kulkarni, Director, ICFRE-RFRI Jorhat pawhin he hun hi online a rawn tel puiin, kalkhawm zirlai naupang te chu an zirlai piah lamah he training hian ngaihtuahna thar leh rilru thar, zau zawk a a put tir ngei a beisei thu sawiin, Zirtiri Residential Science college leh ICFRE-BRC ten thawh ho na thuthlung an lo ziah tawh chu a tak ngei a bawhzuina hmuh tur a awm chu a lawmawm a tih thu a sawi bawk. Master Trainer in Mushroom ten zirlaite chu topic thlan bik hmang in zirtirna an pe chhunzawm a ni.

Media Coverage on the Local Cable Network (LPS NEWS) 24.04.2025

