

Two days Training cum Awareness Programme on Orchids

Name of Event	Two days Training cum Awareness Programme on Orchids
Date (s)	04.07.2023-05.07.2023
Duration	Two days
Venue	ICFRE-BRC, Bethlehem Vengthlang, Aizawl.
Purpose/Agenda	To impart knowledge and awareness on Orchids and hands on practice on Orchid Macro and Micro propagation.
No. of Participants	35
Participating Agency (s)	Students, Research Scholars & Faculty of Pachhunga University College, Mizoram University. Frontline staffs of Forest Training School, Environment, Forests & Climate Change Department, Govt. of Mizoram.
Organizing Agency (s)	ICFRE-Bamboo and Rattan Centre, Bethlehem Vengthlang, Aizawl, Mizoram.
Funding Agency (s)	Indian Council of Forestry Research & Education (ICFRE), Dehradun Under CAMPA Extension

Concise Details of the Event:

ICFRE-Bamboo and Rattan Centre (ICFRE-BRC), Bethlehem Vengthlang, Aizawl, Mizoram organized a two days training cum awareness programme on Orchids during 4th & 5th July 2023. The target group of this training were students, research scholars and faculty of Pachhunga University College, Mizoram University and Frontline staffs of Forest Training School, Environment, Forests & Climate Change Department, Govt. of Mizoram.

In this two days programme, **Mr. L. Lahmingmawia**, Additional Director Horticulture, DoH, Govt. of Mizoram was invited as the Chief Guest and **Dr. Kuntala N. Barua**, CTO (Retd.), RFRI, Jorhat, **Dr. Ona Apang**, Orchidologist, SFRI, Itanagar, **Mr. Chawngthantluanga**, Orchidologist (Retd.), Mizoram Forest Department and **Dr. Ngursangzuala Sailo**, Scientist, ICAR-CPRI, RS, Shillong were invited as the resource persons. The programme began with the welcome address by **Dr. Hans Raj**, Scientist-E & Head, ICFRE-BRC followed by the felicitation of the guests. A Presentation on research and extension activities of ICFRE-BRC was delivered by Dr. Hans Raj.

Dr. R.K Borah, Scientist-G & Director, RFRI- Jorhat addressed the gathering through

online mode. The Chief Guest in his speech emphasized on the importance of orchid and the potential of orchid industry in Mizoram. He encouraged the participants to start cultivating orchids and establish business which will serve dual purpose of economic upliftment as well as conservation of orchids in Mizoram. He also highlighted the role of Orchid Society of Mizoram in the conservation of orchids in Mizoram. Lastly he thanked ICFRE-BRC for conducting such a wonderful training programme for the young generation of Mizoram and wished success to both participants and ICFRE-BRC. There was introduction round for the participants after this. The vote of thanks was given by Mr. Sandeep Yadav, Scientist-D, ICFRE-BRC. The inaugural session ended with a group photo.

PROGRAMME OF THE TRAINING

Day 1	<p>Dr. Kuntala N. Barua, CTO (Retd.), RFRI, Jorhat delivered a presentation on Taxonomy and Medicinal uses of orchids (Online mode).</p> <p>Mr. Sandeep Yadav, Scientist-D, ICFRE-BRC, delivered a presentation on Micro propagation of Orchids (via seeds).</p> <p>In the second session, Dorothy Lalrinpuii, TA guided the participants on how to propagate Orchids through Macro and Micro propagation through practical demonstration. The participants also had the opportunity to do this practically by themselves in the tissue culture laboratory.</p>
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Day 2	<p>The second day began with the showing of Documentaries on Artificial pollination of different Orchids, carried out by ICFRE-BRC followed by a presentation on Micro propagation of orchids (via vegetative explants) (Online mode) by Dr. Ona Apang, Orchidologist, SFRI, Itanagar.</p> <p>Mr. Chawngthantluanga, Orchidologist (Retd.), Mizoram Forest Department delivered a presentation on orchids of Mizoram.</p> <p>In the second session Dr. Ngursangzuala Sailo, Scientist, ICAR-CPRI, RS, Shillong delivered a presentation on Macro-propagation and Ex-situ conservation of orchids (Online mode). This was followed by Re-introduction of orchids in the reserve forest of ICFRE-BRC, Bethlehem Vengthlang in which the participants actively participated.</p> <p>The training programme concluded with the discussion and feedback from the participants followed by valedictory session and distribution of certificates.</p>
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Figure 1: A: Welcome Address; B-C: Felicitation of Guests; D-E: Speech by Guests; F-G: Introduction by the participants; H: Vote of thanks.

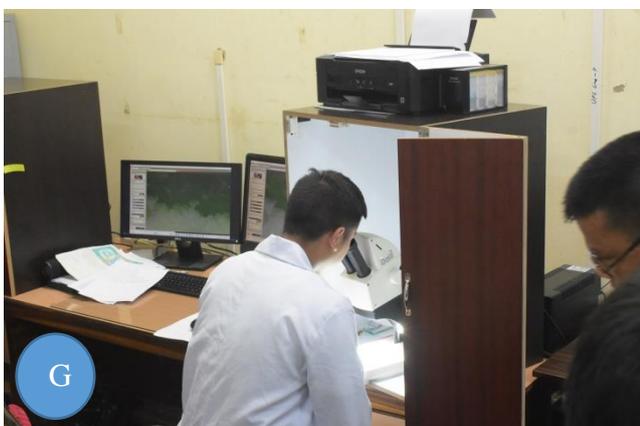


Figure 2: A: Group Photograph; B-C: Presentations; D-H: Practical Demonstration and hands on practice on Orchid Macro and Micro propagation.

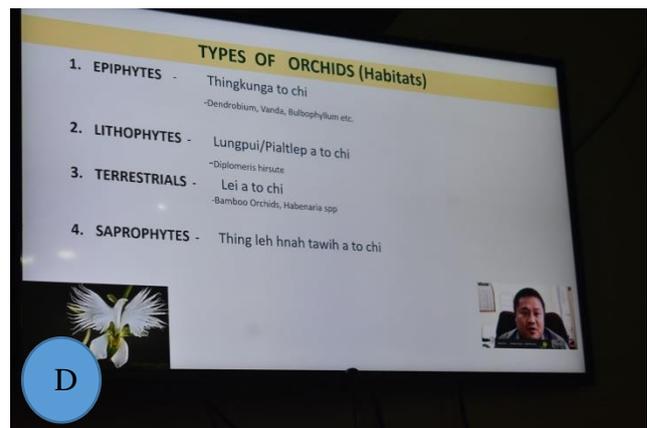


Figure 3: A: Documentary on artificial pollination; B-D: Presentations by resource persons; E-H: Demonstration by Scientist and Hands on Training on Re-introduction of orchids.



Figure 4: A-C Discussion and feedback session; D-H: Distribution of certificates and valedictory session.