

WORKSHOP

Primer to Conservation Bioacoustics

14th - 21st July, 2024



- 24 participants from eight states across the country and over 20 organisations.
- Participants included educational institutes - masters and PhD students, along with NGOs and conservation practitioners working in fisheries, forest management, etc.
- Basic modules covered included - principles of sound propagation and the physics of sounds, concepts on study design and equipment usage, and demonstration of available software for sound analysis.



- Students were exposed to concepts on conservation of rare endangered animals like Hoolock gibbon, Jerdon's courser; using acoustics to mitigate human-elephant conflict in Kaziranga & in Africa via gunshot detection; and machine learning techniques for species detection.
- We provided networking opportunities with 16 guest lecturers from around the world who shared insights on the applications of bioacoustics technology in their interdisciplinary research, which encompassed several marine, freshwater, and terrestrial systems.
- A significant workshop component was group projects, culminating in group presentations on the last day.
- This workshop is planned to be conducted every alternate year, with the intervening year being an advanced workshop with international experts.

