

ANNUAL REPORT 2021-2022
ECO CLUB
J.B. COLLEGE (AUTONOMOUS)



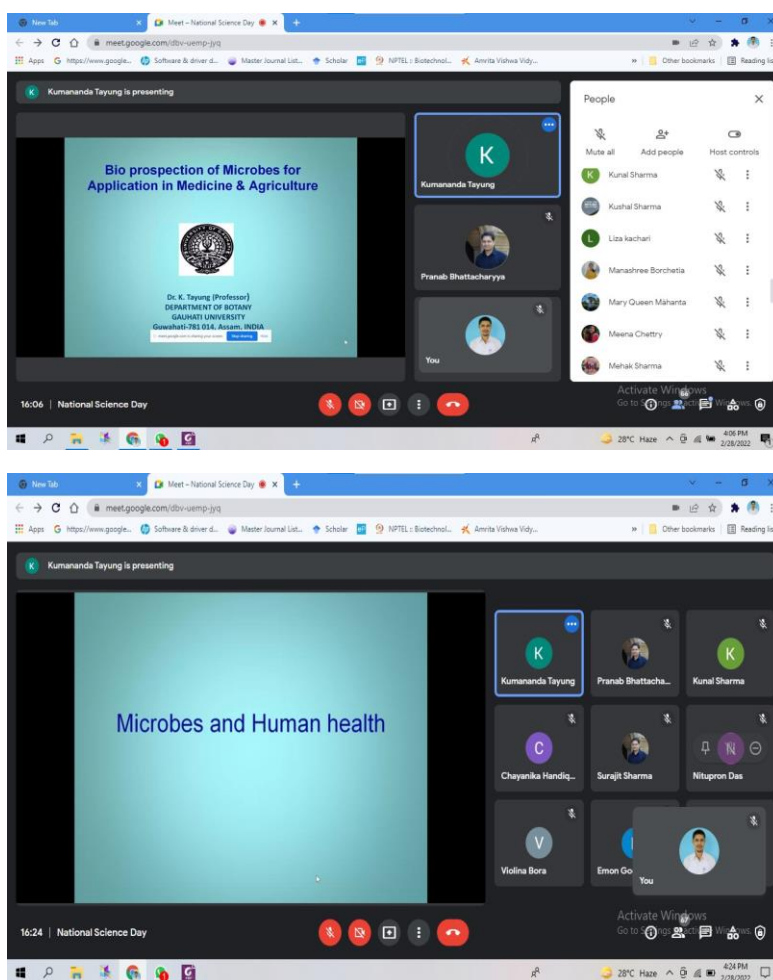
Liza Handique
Signature of Coordinator

Abanta
Signature of Head of Institution
Seal

Principal
J. B. College, Jorhat

28th February, 2022: National Science Day celebrated at J.B. College (Autonomous)

National science Day is celebrated each year on 28th of February. On this day, in 1928, Indian Physicist Chandrasekhara Venkata Raman made an important discovery in the field of spectroscopy, which was later named after him – The Raman Effect. For his work, C.V. Raman was awarded the prestigious Nobel Prize for contributions in the field of Physics in 1930. The theme of National Science Day, 2022 was “Integrated Approach in Science and Technology for Sustainable Future.” Keeping this view in mind, the National Science Day was celebrated in J.B. College (Autonomous) with a popular talk programme (online) organised by Eco- Club, J.B. College (Autonomous) in collaboration with the Green Plus Society of the College. Dr. Kumananda Tayung, Associate Professor, Dept. of Botany, Gauhati University was invited as the invited speaker. He gave a talk on the topic “**Bio prospection of microbes for application in medicine and agriculture**”. Many participants attended this programme which was organised in collaboration with the Green Plus society of J.B. College (Autonomous). Dr. Liza Handique Bhattacharyya, Co-ordinator Eco Club of J.B. College (Autonomous) initiated the programme with a brief introduction of the invited speaker, followed by the lecture and the vote of thanks was given by Dr. Luk Bahadur Chetry, co-ordinator Green Plus Society.



PIC 1: Photographs/ Screenshots of National Science Day celebration (28th February, 2022)



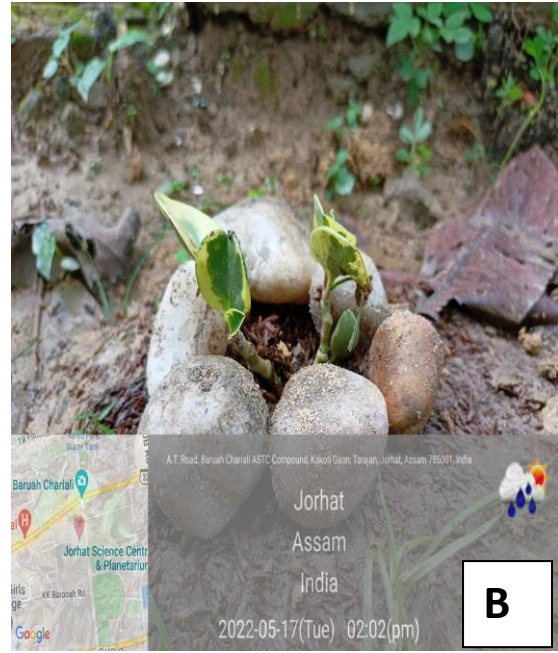
**PIC 2 (A-C): Cleanliness drive in J.B. College (Autonomous) campus
December, 2021**

December, 2021: Plantation of Succulents

An initiative was taken by ECO CLUB on 4th of December, 2021, along with the Botanical Society of J.B. College to set up a small garden of succulents in the Botanical garden of the college. Succulents are a group of plants which are found in xerophytic conditions and are known to store water in its body. Also contemporary research indicates that succulents are highly efficient at scrubbing carbon-di-oxide from the atmosphere and unlike most plants, they do not release carbon-di-oxide at night. Instead they continue to produce oxygen. This continuous burst of oxygen refreshes air content in our house and improves breathing as well.



PIC 3: *Aloe* sp. of the mini succulent garden



PIC 4(A-C): Some succulents in the mini garden maintained by ECO CLUB, J.B. College (Autonomous)

November, 2021: A trip to Hollongapara Gibbon Wildlife Sanctuary

The Hollongapar Gibbon Wildlife Sanctuary, formerly known as the Gibbon Wildlife Sanctuary or Hollongapar reserved forest is an isolated protected area of evergreen forest located in Jorhat, Assam, India. The sanctuary is home to a large number of flora and fauna. The sanctuary contained India's only gibbons- the Hoolock Gibbon and N.E. India's only nocturnal primate – the Bengal slow loris. Moreover, the upper canopy of the forest is dominated by the Hollong tree (*Dipterocarpus macrocarpus*), while the 'nahar' (*Messua ferrea*) dominates the middle canopy. The lower canopy consists of evergreen shrubs and herbs. A trip was undertaken to the sanctuary where the members of eco club, J.B. College (Autonomous) witnessed the mesmerizing beauty of the sanctuary and spent some quality time with mother nature.

A visit to this sanctuary was made by students on November 21, 2021. Altogether 30 Eco Club members visited the sanctuary. One of the forest rangers, Mr. Neog guided the students and introduced them to the different species of plants and forest trees present in the sanctuary. Moreover, the students witnessed a spectacular sight of a group of Hollock Gibbons gliding through the trees. Overall, it was a memorable journey and the Eco Club members thoroughly enjoyed the trip.



PIC 5(A,B):A trip to Hollongapara Gibbon Wildlife Sanctuary conducted on November 21st, 2021

June, 2021: World Environment Day, 2021

Every year on 5th June, the world celebrates the World Environment Day. In 2021 due to the Covid19 pandemic, this day was celebrated in a minimalistic way with a plantation drive organised in the college campus with the members of the ECO CLUB who were urged to join the plantation programme by planting trees and plant species of economic importance in their homestead gardens and nearby areas. In the college campus, Samir Roy, visited the institution and planted a few species of orchids in the trees of the College campus. The then Principal, Dr. Bimal Barah and Co-ordinator of ECO CLUB Dr. Arunima Das Hazarika along with some members of the college fraternity also joined the plantation programme. This programme, aimed at increasing awareness on environment related issues among the students was also highly successful in the end.



PIC 6 (A,B):World Environment Day, 2021, Orchid plantation on the college campus



PIC 7: World Environment Day, 2021: Orchid plantation on the college campus



PIC 8: Plantation of saplings in the homestead gardens