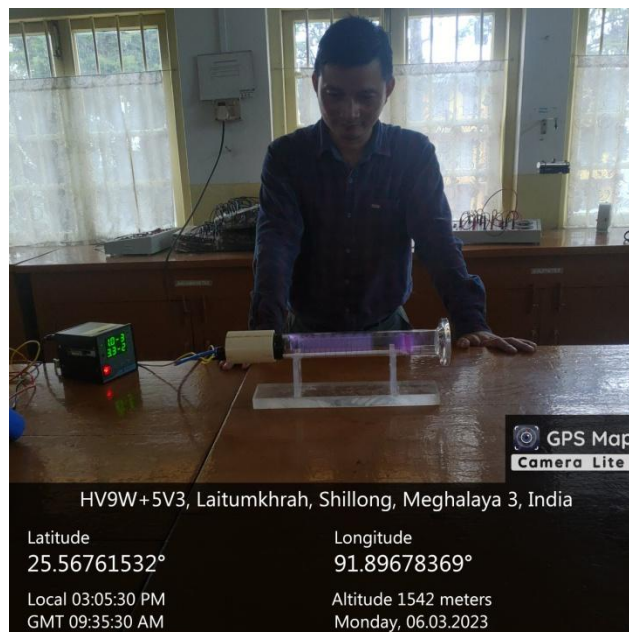


1. NAME OF THE DEPARTMENT : PHYSICS
 2. TITLE OF THE PROGRAMME : " Workshop on Physics of Plasma "
 3. NAME OF THE RESOURCE PERSONS : Dr. Rakesh Moulick, Dr. Ngangom Aomoa and Dr. B. J. Saikia.
 4. NAME OF THE ORGANIZING FACULTY: Dr. M. Ram
 5. DATE : 06th March, 2023
 6. TIME : 1:00-5:00 PM
 7. VENUE (IF OFFLINE) : College Audio-Visual room & Physics Lab
 8. MODE : Offline
 9. PLATFORM : NA
 10. LINK (if online) : NA
 11. NO OF PARTICIPANTS : 61
- TEACHERS : 6
- STUDENTS : 55



12. OUTCOME OF THE PROGRAMME

The event was divided into two talks on plasma followed by demonstration of plasma. Dr. Rakesh Moulick gave a talk on the theme "Basics of plasma physics", where he enlightened the students about what is plasma, natural and artificial plasma, hot and cold plasma, how to produce plasma, how and why to study plasma, need of plasma, plasma in day to day life and homemade plasma. Dr. B. J. Saikia talked about "Fusion", where he briefed the students about International Thermonuclear Experimental Reactor (ITER) tokamak, a collaboration of 35 countries and India's contribution to it. He also emphasized on the need of

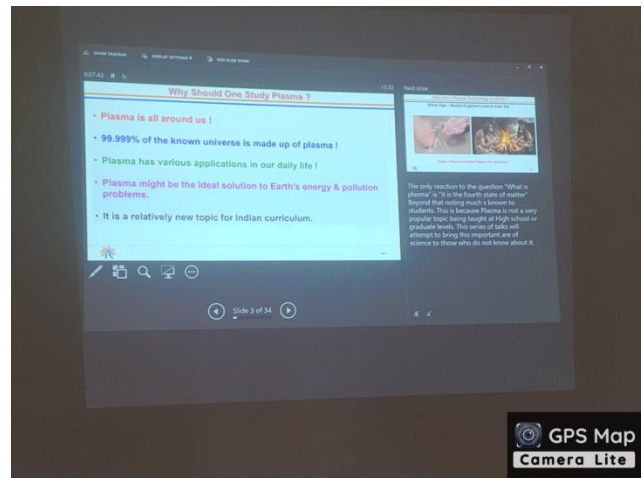
fusion energy and the technique required for a controlled fusion reaction. It was followed by live demonstration of plasma performed by Dr. Ngangom Aomoa. He explained the basic requirements for the formation of plasma, construction and working of different apparatus used in the demonstration of plasma.

The students actively participated in the event, they interacted with the scientists, posed many questions, had a live visual of plasma and were enthusiast to know about the diverse career opportunities in the field of plasma.



GPS Map
Camera Lite

Latitude 25.56718698° Longitude 91.89689524°
Local 01:32:02 PM Altitude 9.11 meters
GMT 08:02:02 AM Monday, 06.03.2023



GPS Map
Camera Lite

HV8W+RMR, Laitumkrah, Shillong, Meghalaya 793003, India
Latitude 25.56732664° Longitude 91.89679577°
Local 01:32:26 PM Altitude 1549 meters
GMT 08:02:26 AM Monday, 06.03.2023



GPS Map
Camera Lite

HV8W+RMR, Laitumkrah, Shillong, Meghalaya 793003, India
Latitude 25.56745951° Longitude 91.89689307°
Local 01:33:04 PM Altitude 1549 meters
GMT 08:03:04 AM Monday, 06.03.2023



GPS Map
Camera Lite

HV9W+5V3, Laitumkrah, Shillong, Meghalaya 3, India
Latitude 25.56763883° Longitude 91.89680985°
Local 03:21:19 PM Altitude 1542 meters
GMT 09:51:19 AM Monday, 06.03.2023