



Department of Physics
Morigaon College
Morigaon, Assam-782105



Email:

Website:

Report on Hands-on Training

Date: 17th August 2024

Venue: Laboratory-1, Department of Physics, Morigaon College

Organized by: Department of Physics, Morigaon College

Under the banner of the Star College Scheme, the Department of Physics conducted a hands-on training session for undergraduate students on 17th August 2024. The training aimed to provide students with practical experience in experimental physics, enhancing their understanding of fundamental concepts.

Training Session:

Dr. Nitu Borgohain demonstrated the Hall Effect experiment, guiding students through the setup, data collection, and analysis. Students actively participated in the experiment, gaining hands-on experience with the equipment and techniques.

Feedback:

- Students appreciated the interactive and engaging nature of the training, citing improved understanding of the Hall Effect concept.
- Participants praised Dr. Borgohain's clear explanations and patient guidance throughout the experiment.
- Students suggested more frequent hands-on training sessions, covering a range of topics and experiments.

Outcome:

- Enhanced practical skills and understanding of experimental techniques among undergraduate students.
- Improved retention and application of theoretical concepts through hands-on experience.
- Increased interest and motivation among students to pursue physics-related research and projects.
- Strengthened laboratory infrastructure and resources, supporting future hands-on training sessions.

Recommendations:

- Conduct regular hands-on training sessions, incorporating various experiments and topics.
- Invite guest experts to provide diverse perspectives and expertise.
- Encourage student-led experiments and projects, fostering independence and innovation.

By providing hands-on training, the Department of Physics has taken a significant step in enriching the learning experience for undergraduate students, preparing them for future challenges and opportunities in the field of physics.

Program: Hands-on training program

(Under the banner of DBT, Star College Scheme)

Organized by Dept. of Physics, Morigaon College

Date: 17-08-2024

Venue: Physics Laboratory, Dept of Physics, Morigaon College

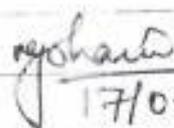
Experiment: Hall Effect
(Determination of hall coefficient)

Resource Person: Dr. Nilu Borghain

HOD & Asst. Prof; USTM
Meghalaya

Signature of Resource Person: -

DR. NITU BORGOHAIN


17/08/2024.

Signature of Participants: -

1. Shamim Akter
2. Nishamoni Bora
3. Biku Moni Deka
4. Farhina Sultana
5. Chinmoy Bora
6. Dipankar Pr. Saikia
7. Jitumen Hna
8. Pakiza Hashina Saib



13. Subhjit Darpang
14. Shahmizan Ahmad
15. Samudra Madang
16. Bhaskar Senapati
17. Tomara Mehdi
18. Suhana Sultana
19. Anmol Jyoti Kashyap
20. Kishanu Kumar Deka
21. Jyoti Sankar Natta



Date 17-08-2024

A meeting is held today to discuss the organization of Popular talk (2) by our department. All the faculty members are present in the meeting. Following resolutions are taken.

- (1) The popular talk will be held on 9-09-2024.
- (2) The resource person invited will be Dr. Swati Barua, Associate Professor Rabindra Nath Thakur, University Hojai.
- (3) The talk will be in one hour duration.



1. Kabita Samah
2. Sam Talukdar
3. Hemanga Jyoti Samah
- 4.
- 5.

