

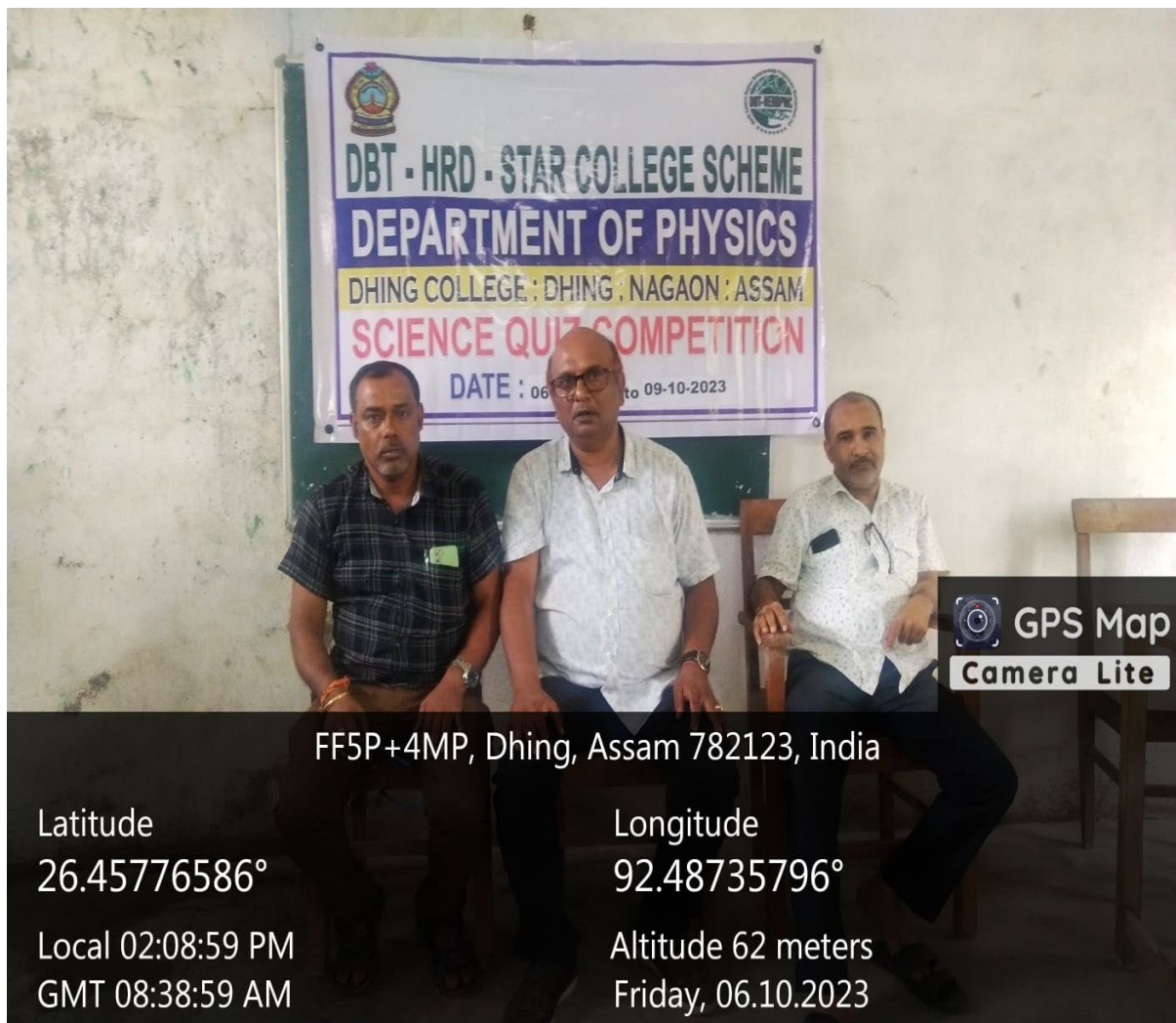
## SCIENCE QUIZ COMPETITION

Science Quiz competition 3 days science Quiz competition was held under DBT-HRD star college scheme from 6<sup>th</sup> October to 9<sup>th</sup> October 2023. The principal of our college Dr. Biman Hazarika Inaugurated Science Quiz competition on 6<sup>th</sup> October at 2 pm. The 1<sup>st</sup> competition was held among the 5<sup>th</sup> semester (Honours) Students of our department. The competition was conducted by Mr. R. S. Baruah, Assoc. Prof. and Miss K. Saikia Guest Lecture of our department. We made the students were 5 groups and its group have free students. We have selected 2 groups for the final round.

On 7<sup>th</sup> October the competition was held among the students of 3<sup>rd</sup> semester (Honours) of our department. there were 7 groups and quiz master were D. Deb Nath and R.S Baruah and from this 3 groups were selected for final round . After that competition was held among the students of 1<sup>st</sup> sem (major) of our department. The quiz master were M. D. Deb Nath and R.S Baruah, both associate professor of our department. There were 7 groups joined in the competition and out of 7 groups 2 groups were selected.

On 9<sup>th</sup> October the final round of quiz was held. The selected groups from 1<sup>st</sup>, 3<sup>rd</sup> and 5<sup>th</sup> semester joined in the competition. The quiz was conducted by Dr. N.K. Barthakur, Mr. R.S. Baruah and Mr. D. Debnath.

In the final round quiz, Sourav Das and his team took the 1<sup>st</sup> position, Mr. Seikh Abdulla and his team took the 2<sup>nd</sup> position and Miss Imrana Ferdos and her group took the 3<sup>rd</sup> position. After the competition prize distribution ceremony was held prize were give hand to winners.



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## 1<sup>ST</sup> HANDS-ON-TRAINING

The five-day hands-on training programme was held in the department of physics under DBT-HRD star college scheme from 12<sup>th</sup> oct. to 16<sup>th</sup> oct. 2023. The inaugural function was the presided by HOD physics. and of her faculty member of the department and Mr. G. Bharali head of the chemistry department. The resource person on of the session Hands on training programme was Dr. Samarjit Saikia and the members from our faculty. Dr. S. Saikia now is working as a Asstt. Prof. in Downtown university, Guwahati.

After the inaugural function the training program was started Dr. Saikia demonstrated various practical, such as Hall effect. G.M counter working of CRO etc. to the 5<sup>th</sup> semester students.

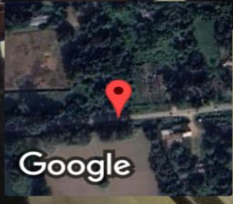
On the second- and third-day 1<sup>st</sup> semester students were attained the training programme. On third day 3<sup>rd</sup> semester attended the programme. Dr. Saikia demonstrated various apparatus how to work that apparatus.

On last two days training Programme was done by Mr. R.S. Baruah and Mr. D. Debnath of our department. They Showed various practical which were done in this department.





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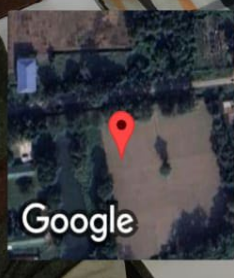


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## SEMINAR ON ANDERSON LOCALISATION IN RANDOM LASER

A One Day Seminar on Anderson Localization in random laser was organized by the Department of Physics under DBT-HRD-Star college scheme on 19th October 2023.

The speaker of the seminar was Prof. Anurup Gohain Baruah, Dept. Of Physics, Gauhati University, Guwahati. The inaugural function was held under the chairmanship of Principal of Dhing College, Dr. Biman Hazarika, HOD of Physics Dept. Dr. N. K. Barthakur welcomed the principal, speaker friend and students. The principal of Dhing College inaugurated the seminar.

After that resource person, Prof. Anurup Gohain Baruah started his lecture. First of all, he gave some insights about the Anderson Localization of Random Laser. After that he started to talk on his own research work about firefly. He gave very interesting talk. The participants came to know various new findings on firefly from his lecture.

There were all together 125 person including teachers, students and other members attended the seminar. After end of lecture given by the speaker, Mr. R.S. Baruah Associate Professor of the Department of Physics offered vote of thanks.

After that the seminar came to an end.

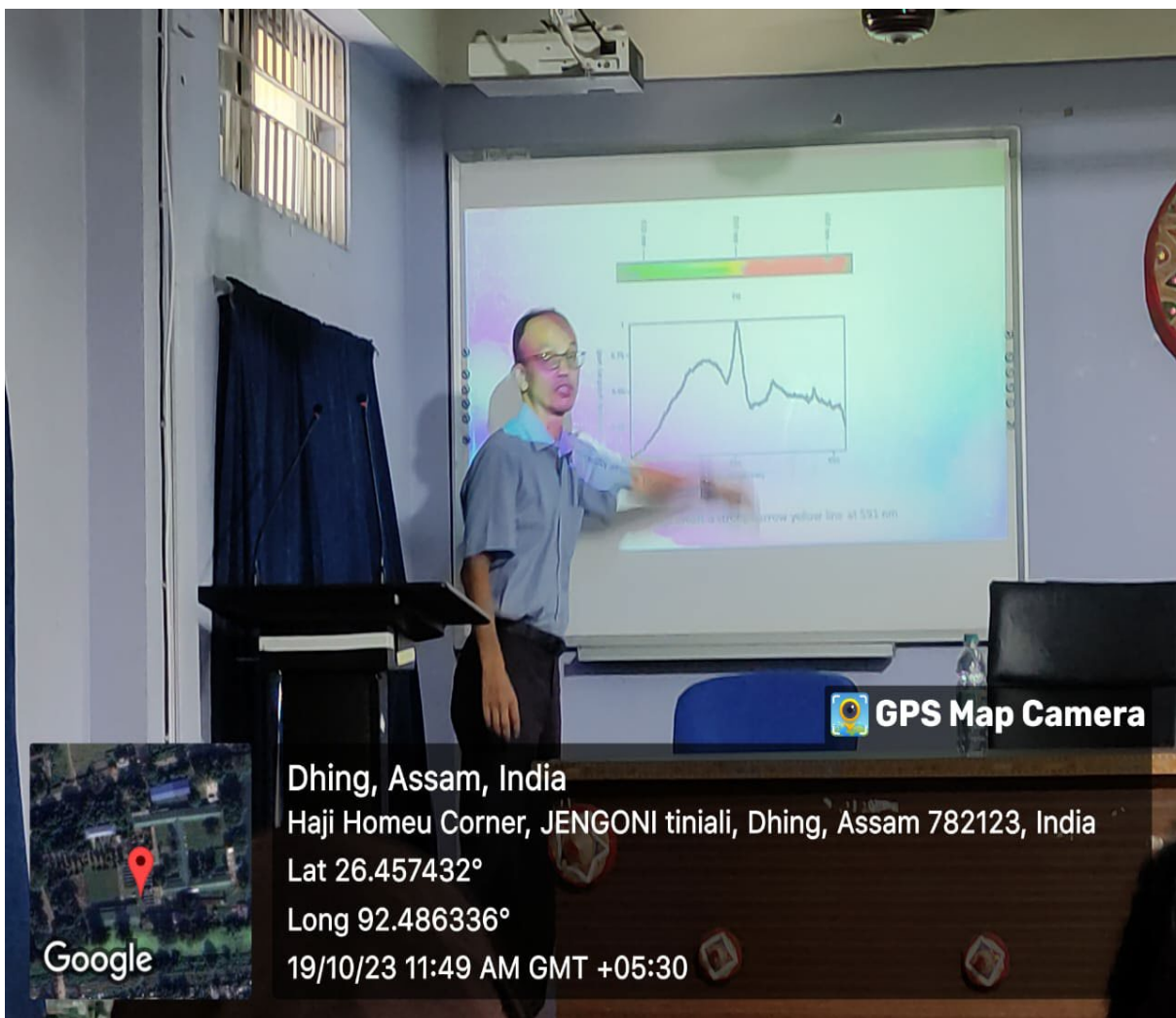




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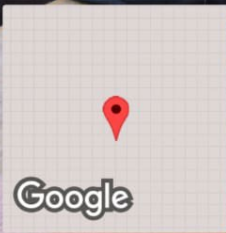
## 6 DAYS HAND-ON-TRAINING

The six days Hands-on -Training was organized by the Physics Department of Dhing College for the student of 1st, 3rd and 5th semester (Major and Honours) student under DBT-HRD Star college scheme.

The training was held from 30th October 2023 to 4th November 2023. The resource person for the program was Mr. Manoj Bora, Research Scholar, Dept. Of Physics, Assam University, Silchar.

The hands -on Training was basically programming in computer in C and C++ and also the use of Metleb and Mathematics which were very essential for the student. The resource person demonstrated everything in very nice manner and students were greatly benefited from his demonstration.





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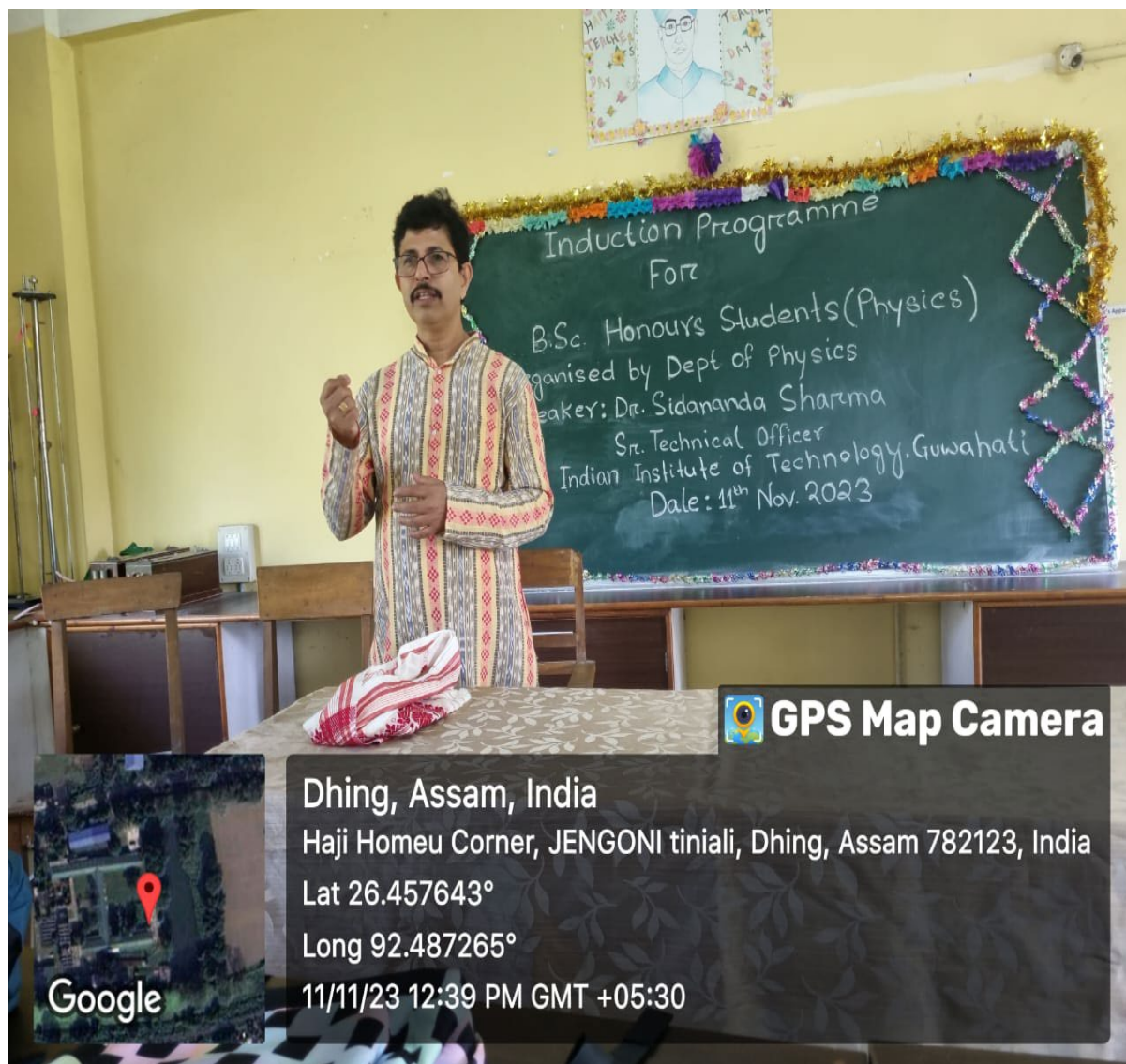


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## ONE DAY INDUCTION PROGRAM

One day Induction Program was arranged in the Physics Department of Dhing College under DBT- HRD Star college scheme. The resource person for the induction program was Dr. Sidananda Sarma, Senior Scientific Officer of IIT Guwahati.

He delivered lectures about various sophisticated electronic and other machine available in central instrument facility center in IIT Guwahati. He also interacts with the student and also visited our lab and impressed over our lab. The student was greatly benefited from his lecture.





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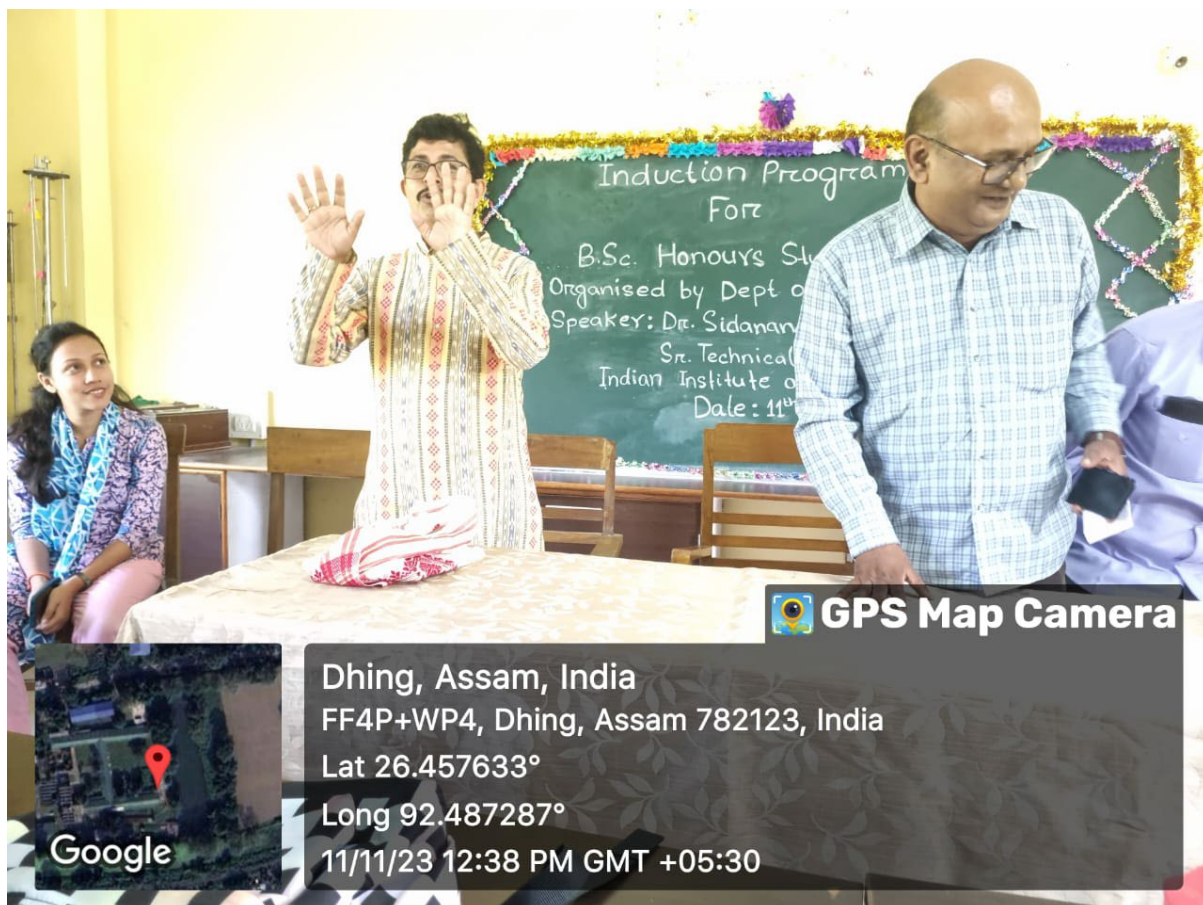


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## **ONE DAY OUT REACH PROGRAMM TO DEPARTMENT OF INSTRUMENTATION AND USIC, GAUHATI UNIVERSITY, GUWAHATI.**

The 5th semester (Honors) student visited Department of Instrumentation and USIC on 17th November, 2023 under the DBT-HRD Star college scheme. There were all together 24 5th Semester students and 2 teacher - Dr. Nandan Kr. Borthakur (Hod) and Mr. Debabrata Debnath accompanied with them as supervisor for the outreach programme.

In the Department of Instrumentation and USIC, Gauhati University, Guwahati. The students were divided into 5 groups. Each group attended the working of all the machine available in the department and Workshop. The faculty, Research Scholar and other members of the department demonstrated various facility such as XRD, XRF 3D Printing and Industrial Automation and Various works in the workshop.

At the end, The head of the department gave the certificate to those students who had attended the Industrial Automation.



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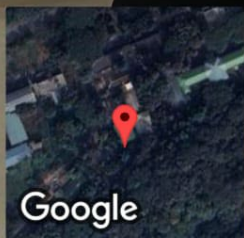
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