

A report on

Scientific lecture entitled “Plasma: The Fourth State of Matter”

Organised by
**Department of Physics,
B. N. College, Dhubri.**

(With financial support of D.B.T star college scheme)

Name of the program: Scientific lecture entitled “**Plasma: The Fourth State of Matter**”

Target group: Compulsory for Physics Major students. Open for Physics general course students

Date: 03/10/2019

Venue: Digital Classroom, B. N. College, Dhubri

Beneficiaries

Teacher present: 10

Student present: 93

The beauty of studying the subject Physics is to study the parts and phenomenon of nature. The different components/objects of nature are macroscopically broadly divided into four states: solid, liquid, gas and plasma. The first three states are very close to the students and had lots of classes starting from primary schools. But the fourth state plasma is explored very less in the curriculum both in primary/secondary and undergraduate level. The state plasma is a very important subject in Physics as it has lots of applications in different fields in our day to day life. The occurrence of plasma in nature is about 99%. It is one of the very prominent topic in the research filed. That is why to motivate our students towards the plasma research to build their career in the research field as well as to attract them toward plasma physics the department of Physics B. N. College, Dhubri has organised a scientific lecture on the topic with a title “Plasma: The Fourth State of Matter” on 03/10/2019. On the program Dr. Neelanjan Buzarbaruah, Research Associate of Centre of Plasma Physics-Institute for Plasma Research, (An autonomous institute of Department of Atomic Energy, Govt. of India), Sonapur, Assam.

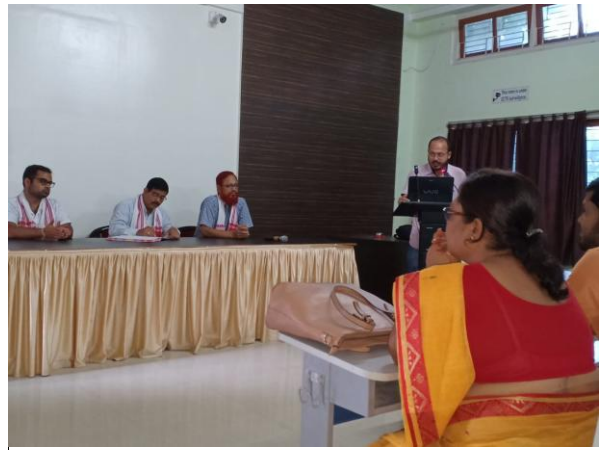


On the day the lecture was started at 11.00 A. M. in digital classroom of the college. Before starting his lecture a introductory cum felicitation program was organised under the president ship of Dr. Brajedra Kanta Sarma, H. O. D., Statistics, B. N. College, Dhubri. In the program Mr. Motior Rahman, Associated Professor, department of Physics has delivered the welcome address to the gathering and resource person.

In his lecture Buzarbaruah, discussed very briefly about the plasma, starting from the: definition, uses, occurrence up to the production of same in the laboratory. The lecture was ended at 12.30 P. M. followed by a discussion session of 45 minutes. After his formal lecture, Buzarbaruah, took the attraction of the students and academics toward “Good Morning Science”- a popular E journal, aim to popularised the science in every section of the people (irrespective of their stream such as arts, commerce etc.) . He request the gathering to visit the website of the same where people can able to read the articles that are written by very prominent educationist (MIT, TIFR, OXFORD, IISc etc.) from around the globe. Buzarbaruah is also acting as co-founder and president of the above said E journal.



The program was officially concluded at 2.00 P. M. with the vote of thanks of Mr. Nilam Jyoti Dutta, Assistant Professor, department of Physics, B. N. College, Dhubri.



Countersigned by
H. O. D. Physics,
B. N. College, Dhubri

Mr. N. J. Dutta
Departmental co-ordinator
B. N. College, Dhubri

