

# Krishnagar Women's College

Aurobinda Sarani, Krishnagar, Nadia, WB, PIN-741101

Report of Visiting Lecture

Organized by the

Department: Chemistry

Date: 12.05.2017

Topic: Importance of hydrogen bond

Number of students attended: 52 (I, II and III Year)

Number of faculty attended: 5

Time: 1.00 pm – 3.00pm

The department of Chemistry organized a visiting lecture on *Importance of hydrogen bond* on 12.05.2017. The visiting professor Dr. Suman Biswas, Department of Chemistry, West Bengal State University, was heartily welcomed by Smt. Mala Ghosh, Officer-in – Charge and Dr. Titas Biswas, HOD, Department of Chemistry.

Dr. Biswas has unflinching commitment and ardent passion towards teaching. He delivered his lecture in a very lucid and attractive way. The students were eagerly enjoyed the matter of topic. He explained hydrogen bonding is important in many chemical processes. Hydrogen bonding is responsible for water's unique solvent capabilities. Hydrogen bonds provides many of the critical, life-sustaining properties of water also stabilize the structures of proteins and DNA, the building block of cells. Hydrogen bonds are important because: large molecules like proteins and DNA in our chromosome have very specific functions that depend on their 3 dimensional shapes. Hydrogen bonds are extremely important in biology, as they are the reason for the structure of DNA and its properties. These bonds are responsible for the connections between two strands of DNA between the nucleotide base pairs.

As per the feedback received the participants it was a very good learning experience, the lecture helped them in understanding the basics of hydrogen bonding and how to apply the concepts learned in their curriculum to do projects.



Signature of HOD