

NATIONAL WEBINAR REPORT

TITLE: ENTROPY: CLASSICAL AND STATISTICAL PERSPECTIVES

The seminar event was inaugurated by The Principal, Dhruba Chand Halder College. He delivered his lecture on the importance of organizing seminar on the very topic.

Professor Sudakhina Sengupta, Co-ordinator, IQAC, Dhruba Chand Halder College delivered her lecture and put thrust on the advantages of arranging the online seminar within the tough time of pandemic and lockdown.

After that Dr. Partha Biswas, HOD, Department of Chemistry introduced Dr. Mukherjee to the audience.

Dr. Arnab Mukherje started his lecture by saying "Entropy Governs the change". He showed different processes like photosynthesis, chemical change in vision etc. to justify his quotation. After that he explained the physical basis of entropy, talked about perpetual motion machine and gave an insight about the physical nature of entropy. He commented on the phrase "entropy is not always disorder". He mentioned the statistical basis of entropy and explained why "entropy is the arrow of time"?

In general, Dr. Mukherjee explained the whole topic very lucidly and in a popular way so that audience who doesn't have any knowledge about entropy may also understand.

At the end, audience from different institutes asked several question which was answered by Dr. Mukherjee with patience.

At the end, Dr. Dipanwita Maity, Whole Time Teacher, Department of Chemistry, Dhruba Chand Halder College has given vote of thanks to organizing committee, the Principal and the IQAC Co-ordinator of the college, speaker of the webinar and all the audience for their patient hearing.

J. C. H. 3.8.20
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