

A REPORT ON ONE DAY TALK
ON
CONTROL SYSTEM HIERARCHY & SAFETY
INSTRUMENTED SYSTEM – A PERCEPTIVE TO THE INDUSTRIAL SAFETY
ORGANISED BY
DEPARTMENT OF INSTRUMENTATION ENGINEERING
JORHAT ENGINEERING COLLEGE, ASSAM

Instrumentation Engineering Department, Jorhat Engineering College has conducted a one day talk for the students of Jorhat Engineering College on 24th March 2018. The registration and inauguration of the program started at the scheduled time at the department seminar hall and the resource persons and the dignitaries arrived at 9 am. The inauguration program started with the welcome speech of the HOD (Instrumentation Engineering) and felicitation of guests were done.

The resource person Mr Rubul Baruah started his talk with his brief introduction and delivered his talk on the Safety Instrumented System and continued it for the whole day. In his speech he briefed about the philosophy of the development of control and safety. He also described about how the Instrumentation, Control and Safety are interrelated. In his speech he also elaborately described the importance of Instrumentation in Control and Safety. He elaborately described his practical experience in the said topic and how it is important for industries like refineries and petrochemical sectors.

Faculty and students participated actively in the event by interacting with full of energy. The participants have gained enough knowledge from the vast experiences of Mr Baruah in the day long talk.

About the Topic

There are revolutionary changes in control system & its concepts as per industry demand. Everybody remember Bhopal Incident in December 1984 where 3800 people lost their lives & 1000 since then. Consequently so many incidents took place around the globe like Chernobyl Nuclear Power Plant in April 1986 where 30 people died in Ukrainian Soviet Socialist Republic, Piper Alpha Platform, July 1988, North Sea, UK where 167 died. These are the major incident took place during industrial revolution which attracted attention to global communality to take action to prevent the occurrence of similar accidents. Since 1970-80 to till date there are changes in philosophy in the control systems as well as safety aspects of industry. Control philosophy & safety philosophy developed simultaneously and

people started to put a thin layer of barrier between control and safety. In due course of time control philosophy developed layer by layer and safety philosophy developed in different dimension with integrity level within systems governed by Govt. Regulations & International Standards & Codes.

Few photos of the event are enclosed here with this report.



Coordinators: 1. Mr. Arobindra Saikia
2. Mrs. Monisha Pathak