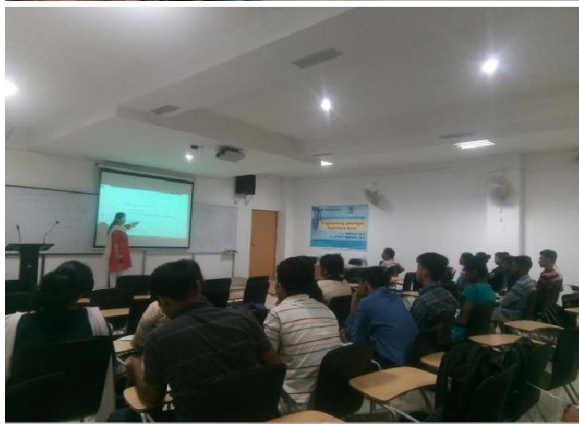


**A REPORT ON**  
**TWO DAY STUDENT SHORT TERM TRAINING PROGRAM**  
**ON**  
**PROGRAMMING PARADIGM- IMPORTANT AREAS**  
**ORGANISED BY**  
**INSTRUMENTATION ENGINEERING DEPARTMENT**  
**JORHAT ENGINEERING COLLEGE, JORHAT**

Instrumentation Engineering Department, Jorhat Engineering College has conducted a two day student training program on 'Programming Paradigm- Important Areas' for the students of Instrumentation Engineering, Jorhat Engineering College on 8<sup>th</sup> and 9<sup>th</sup> September, 2018. The resource person is Ms. Mousoomi Bora, Assistant Professor, in the department of Computer Science & Engineering, Assam Kaziranga University, Jorhat. Ms. Bora is an IBM certified professional in the area of Business Intelligence and Data analytics. She was working in the research group of Professor Bart Preneel, the famous Belgian Cryptographer in Katholike Universiteit, Belgium. She has also working experience of Quality Assurance Analyst in Citi Bank, SD, U.S.A. Her key research interest is Big data analytics.

The workshop has been organized with an objective to acquaint the students with basic knowledge of Computer Programming in C, Java and Shell scripting. The two day workshop was conducted for Under Graduate students of Instrumentation Engineering in the departmental seminar hall. The program was inaugurated by Dr. Neelanjana Baruah, HOD, Instrumentation Engineering along with an inaugural speech highlighting the importance of Programming languages in present day context for every field of Engineering. The resource person Ms. Bora started her talk with an introduction to Computer Programming and list of various front end and back end programming languages. She moved on to elaborate different programming paradigms, the working style of Product based and Service based companies, architectural diagram of different stages of a computer program, the components used in front end, back end and middle tier architecture. Ms. Mousoomi Bora continued her discussion by elaborating in detail all the important topics of computer languages like C, Java and Shell script. She also described different roles of software engineers in a project, and some online certification courses on Computer programming as well.

The event was a successful one. The technical sessions were relevant to the title and were well appreciated by the students from every semester. After completion of this workshop, students have felt encouraged to explore various programming techniques in both object oriented and procedural oriented paradigm way.



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