

## **Course – Post Graduate Diploma in Computer Application**

**Course Duration: 1 years.**

### **PROGRAM OBJECTIVE:**

With the growing use of Computers and Information Technology in our day to day life, it is necessary that we have the trained man power to manufacture, maintain and use the Computers as well as write the software required for the effective and efficient use of the computers and IT. If we try to understand one of the most common features that have enabled the businesses to become successful is that they all have evolved to become information enabled business. This course, Post Graduate Diploma in Computer Application, is designed and introduced by Gauhati University to help the research scholars of various department to gain knowledge on different programming language in order to do there research work. The knowledge and skills gained with a degree in Computer Science prepare graduates for a broad range of jobs in education, research, government sector, business sector and industry.

The program covers the various essential concepts in Computer Science.

- The course lays a structured foundation of Computer fundamentals.
- Programming Concepts in various languages(C, and C++)
- The program covers the concept of Web Technologies, Data structures, Basics of operating system etc. Computer Networking, System Programming and Administration, Operating System, Digital Image Processing, Embedded systems, Computer Architecture, Microprocessor,
- It also provides detail knowledge PHP programming and Database management system.
- Student get ready for making a different software in resent.
- Capable of analysing the different system in IT sector.
- According to clients recruitment he/she is able to add and satisfied client demand.

