Banaras Hindu University

Department Of Computer Science

Placement Brochure 2013 - 2014

About Us

The Department of Computer Science of Banaras Hindu University was established in the year 1987 with the main objective of providing trained manpower in the area of Computer and Systems Sciences and to promote state of the art research in Computer Sciences, Applications and related areas.

In the beginning the Department offered an undergraduate course B.Sc. (Hons.) in Computer Science. Teaching at postgraduate level was started with M. Sc. (Computer Science) program in the year 1990. The MCA program started in 1994. In addition to teaching programs, the Department also offers research program leading to Ph. D degree in Computer Science. Admission to M.Sc. and MCA program is made through an All India Admission Test (PET) conducted by the University.

The Department has a relaxed and informal atmosphere - which we cherish. The Faculty is enthusiastic and easily approachable. Learning is not confined to class rooms.

Course Curriculum

Master Of Computer Science

SEMESTER I

Design Methods and Analysis of Algorithms

Data Communication and Computer Networks

Theory of Computation

Lab. Exercises based on Design Methods and Analysis of Algorithms

Lab. Exercises based on Data Communication and Computer Networks using JAVA

Technical Writing and Research Seminar

SEMESTER II

Compiler Design

Computer Graphics

Software Engineering

Lab. Exercises based on Compiler Design

Lab. Exercises based on Computer Graphics

Introduction To Bio-Informatics

SEMESTER III

Parallel Computing

Soft Computing Techniques

Simulation and Modeling

Lab. Exercises based on Parallel computing

Mini Project

Human Computer Interaction

SEMESTER IV

Dissertation

Comprehensive Viva

Course Curriculum

Master Of Computer Application (MCA)

SEMESTER I
C Programming
Discrete Mathematical Structure
Operating System
Business Accounting
Lab Exercise on C Programming
PC Software Laboratory

SEMESTER II
Computer Organization and Architecture
Database Management Systems
Data and File Structures
E-commerce

SEMESTER III
Design Methods and Analysis of Algorithms
Object Oriented Programming through JAVA
Data Communication and Computer Networks
Theory of Computation
Lab Exercise on Analysis of Algorithms
Lab Exercise on JAVA

SEMESTER IV
Compiler Design
Computer Graphics
Artificial Intelligence
Software Engineering
Technical Writing and Research Seminar
Lab. Exercises on Compiler Design
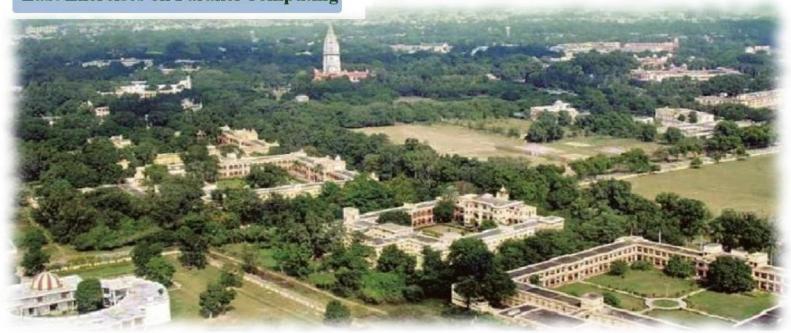Lab. Exercises on Computer Graphics

SEMESTER V
Parallel Computing
Internals of UNIX OS and Network
Programming
 Soft Computing Techniques
Simulation and Modeling
Lab. Exercises on course Unix
Lab. Exercises on Parallel Computing

SEMESTER VI
Dissertation
Comprehensive Viva

Some Of Our Past Recruiters

Contact Us : Pranab Kumar Chakravarty

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