



Mahamana Madan Mohan Malviya

काशी हिन्दू
विश्वविद्यालय



BANARAS HINDU
UNIVERSITY

Department of Computer Science

PLACEMENT BROCHURE 2017-18



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About Us

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

Courses offered :

- B.Sc.(Hons.)
- M.Sc.(Comp.Sci.)
- M.C.A.
- Ph.D.

संगणक विज्ञान विभाग उपमंडप
DEPARTMENT OF COMPUTER SCIENCE ANNEXE

Academic Programs

Master of Computer Application (MCA) Program

The **Master of Computer Applications (MCA)** is a three year (six semesters) program. It is a right mix of Core and Application areas, attracting the best students. To get an admission in this course, an All India Entrance test is organized (BHU-PET) in which only the best students get admission to pursue their interests.

Master of Computer Science (M. Sc.) Program

The **Master of Computer Science (M.Sc.)** program is a two year course (four semesters) open to graduates in Mathematics stream having pursued Computer Science as one of their subjects (Pass/Hons.). To get enrolled in this course, students have to appear in an All India Entrance test (BHU-PET) conducted by university.

Course Structure

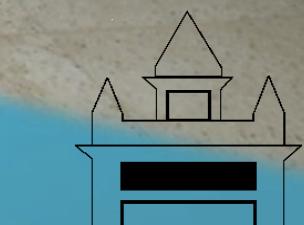
- Computer Programming through C
- Operating System Concepts
- Discrete Mathematical Structures
- Computer Organization and Architecture
- Database Management Systems
- Data and File Structures
- Design Methods and Analysis of Algorithms
- Theory of Computation
- Data Communication and Computer Networks
- Compiler Design
- Computer Graphics
- Software Engineering
- Parallel Computing
- Data Mining
- Simulation and Modeling
- Technical Writing and Research Seminar
- Project/Dissertations

The courses aims to equip the students with skills in meeting practical challenges and situations, making them technically competent and aware.

The final semester comprises of **dissertation and comprehensive viva** encompassing all the previous titles studied during the course. Teamwork, communication skills and leadership qualities are imbibed in our students by means of presentations, group projects and other regular activities.

Library

There is a dedicated library with a good number of titles in Computer Science & Application and allied areas. The Library is also subscribed to various magazines & Journals of interest like **IEEE Spectrum, Information Technology, Linux For You, Electronics For You** etc. The students make full use of the departmental library which boasts of approximately 3500 books covering all the aspects of the subject. Apart from the departmental library, students have full access to BHU's Central Library, which houses a large no. of Books, Bound volumes, Manuscripts, UN & Government publications besides subscription to a large number of print & electronic subscriptions of various international journals, magazines and portals like **ACM, IEEE, Elsevier Science Direct, Springer Verlag, Scientific American, Nature** etc.



Lab

The department has a very well-maintained laboratory supported with all the advanced equipments. The department is fully supported by the University's Computer Centre with a dedicated 60 P4 node laboratory connected to Computer Centre's main network for rich computing support. Students are primarily trained on **Windows/ UNIX/ LINUX platforms** in programming languages like C, C++, Java. They are also given hands-on training on various mathematical, word processing & database packages. Students also have an access to B.H.U Computer Centre's main computing facility, where they can work on different platforms and use different programming languages & packages like **Oracle, IBM DB2, JAVA, Visual Studio, Eclipse** etc.



BHU
capital of knowledge

Faculty



Basu S.K., Dr. (Head of Department)

Professor

Research Interests: Parallel Processing, Genetic Algorithms, Simulation Modeling, Wireless Sensor Networks.



Gupta Manjari, Dr.

Assistant Professor

Research Interests: Software Engineering, Theory of Computation.



Karthikeyan S., Dr.

Associate Professor

Research Interests: Computational Intelligence & Bio-informatics.



Kushwaha Vandana

Assistant Professor

Research Interests: Network Algorithms, Database Management Systems.



Mishra P.K., Dr.

Professor

Research Interests: Parallel and Distributed Computation, Computational Complexity, Parallel and Clustered Data Mining.



Singh P.K., Dr.

System Programmer

Research Interests: Neurocomputing, Bio-Informatics.



Singh Sudhakar, Dr.

Assistant Professor

Research Interests: Data Mining, Parallel and Distributed Computing, Big Data.



Singh V.K., Dr.

Assistant Professor

Research Interests: Artificial Intelligence, Complex Adaptive Systems, Social Computing, Web Technologies.



Singhal A., Dr.

Assistant Professor

Research Interests: Digital Watermarking, Database.

Past Recruitments

- Our Department has several Alumni who hold high posts at global organizations such as **CISCO, Google, Barclays, Amazon, NEC, TCS, Wipro, Adobe** etc.
- A number of companies have visited our campus in past years, some are as follows:

Hewlett-Packard	Zopper	TCS	NEC
CTS	HCL	Impetus	Threadsol
WebKul	PayU	Infosys	Daffodil
Vmoksha	Accenture	Amdocs	Accenture
NTI	Zensar	Global Logic	Aricent
Tech Mahindra	IBM	Reliance Infocom	Wipro

Contact Details

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