

ELIGIBILITY CRITERIA

Graduates with not less than 50% aggregate and have studied Mathematics / Business Mathematics / Statistics / Information Technology / Computer Science / Computer Applications either at degree level or at 10+2 level. The student must have qualified in a national level entrance test like PG CET / KMAT / or Jain Entrance Test.

CAREERS AND PLACEMENTS

On successful completion of the chosen programme, students will be well equipped for a career in software industry and academia. Graduates from Jain University are highly sought after by employers. The reputation of our graduates is versatile, analytical and logical, combined with a wide experience of engineering that provides many openings into a variety of career paths. The students have been placed in major software companies which include Infosys, IGATE, TCS, NIIT, L&T InfoTech, Mphasis, KPMG, and Techno Tree etc.



For admissions contact:

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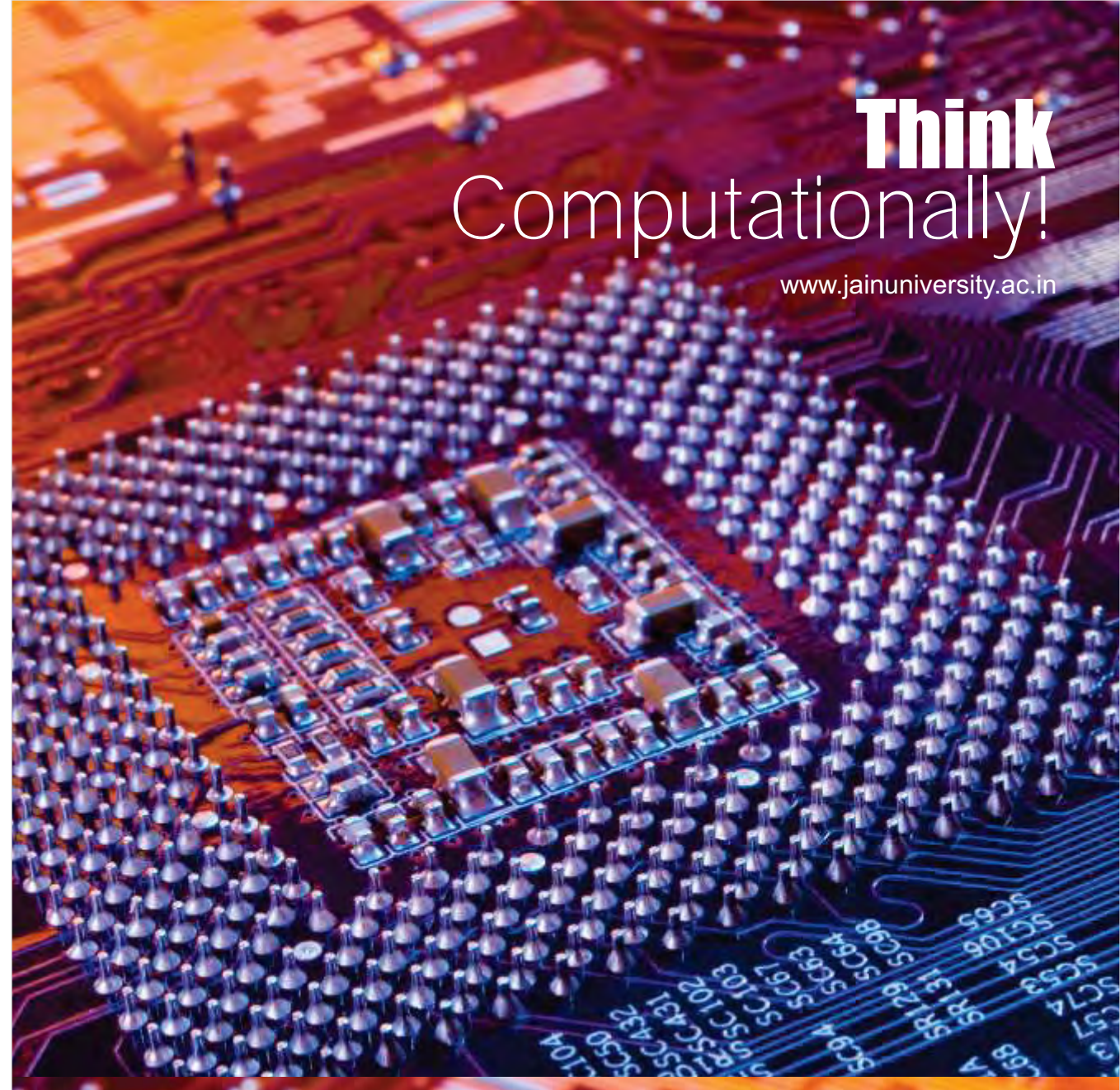
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Jul / Aug
2014 -17 Batch

JAIN UNIVERSITY

Declared as Deemed-to-be University u/s 3 of the UGC Act, 1956

MCA

ABOUT JAIN UNIVERSITY

Jain University is **ranked No.1** among top private universities in South India & **ranked No.17** among top 50 universities in India by India Today Nielson Best Universities Survey'13. There are over 60 innovative programmes at the UG, PG, research levels, managed & imparted by 500 sharp minded senior faculty members who mentor over 7800 students nationally & globally.

At Jain University, undergraduate & postgraduate aspirants have an opportunity to fulfill education requirements, choose among a wide variety of elective courses and interdisciplinary certificate programmes and be a part of research activities undertaken by the university in diverse fields.

ABOUT THE DEPARTMENT

The department of Computer Applications and Information Technology at Jain University is committed to impart quality education in the fields of IT, a field growing in leaps and bounds. The department focuses on

empowering students with competencies in programming through high quality teaching complemented with extensive practical training.



ABOUT MASTER OF COMPUTER APPLICATIONS (MCA) PROGRAMME

Information Technology is a major driving force behind economic growth and instrumental in rapid globalisation process. The programme endeavour is to create IT leaders who have the acumen and awareness to

address a wide variety of technological challenges and facilitate change. The MCA programme aims to build industry ready professionals so that they are on the job from day one.

WHY CHOOSE JAIN UNIVERSITY MCA

- Curriculum dedicated to experimental learning, peer learning and hands on activities
- Upgraded syllabus that meets industrial requirements
- Industry technical skills related workshops
- Entrepreneurship development programmes
- Student centric open culture
- Intense and focused student fraternity
- Excellent placements
- Outstanding faculty
- Exceptional facilities and support

PROGRAMME STRUCTURE

Semester I

- Introduction to Information Systems
- Problem solving through C Programming
- Computer Organisation and Architecture
- Discrete Mathematics
- Operating System Use and Configuration
- Organisations
- Programming Lab-C
- Linux Lab

Semester II

- Data Structures
- Database Use and Configuration
- Decision Making Tools and Techniques
- Networking Use and Configuration
- OOPS with C++
- Finance and Accounting Lab
- Data Structure Lab
- Database Lab

Semester III

- Operating Systems
- Programming in Java
- Analysis and Design of Algorithms
- Web Programming
- Industry Oriented Software Engineering
- Operating System Lab
- Java Programming Lab
- Web Programming Lab

Semester IV

- User Interface Design and Implementation
- C# & .NET Technologies
- Advanced Java Programming
- Elective-I
- Software Architecture
- Network Lab
- C# & .Net Lab
- Advanced Java Lab

Semester V

- Data Warehousing and Business Intelligence
- Service Oriented Architecture
- Object Oriented Modeling Design
- Elective-II
- Elective-III
- OOMD Lab
- Web Services Lab
- Mini Project Lab

Semester VI

- Final Project and Viva-voce

Elective - I

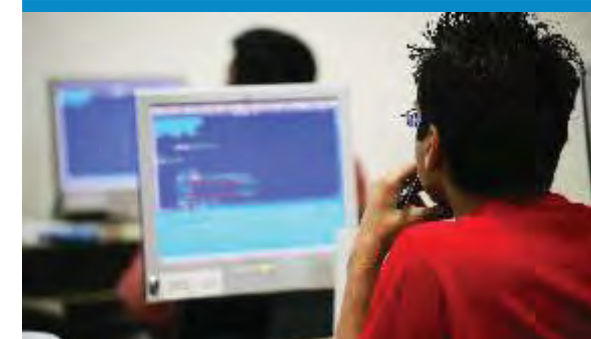
- Information and Network Security
- Storage Area Networks
- Distributed Computing
- Server Infrastructure Management

Elective - II

- Distributed Database
- Mobile Computing
- Advanced Computing Paradigm
- Enterprise Resource Planning

Elective - III

- Introduction to Data Analytics
- Data Mining
- Software Maintenance and Testing
- Web 2.0 and Rich Internet Technologies



COMPUTATIONAL THINKING is a way humans solve problems; It is not trying to think like computers but to use our human imagination and cleverness to make computers exciting. An **MCA** from the Jain University will train you in the skills that will make you an **INNOVATOR**.