ATRIA
INSTITUTE OF TECHNOLOGY
(AN AUTONOMOUS INSTITUTION)
BENGALURU

NAAC GRADE A++

CELEBRATING SILVER JUBILEE YEAR
ESTD.2000

Transform your IT skills
and take charge of your future

STUDY MCA

MASTER OF
COMPUTER APPLICATIONS





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Master of Computer Applications

- Two-year post-graduate programme spread over four semesters
- The focus of MCA is application development
- The curriculum comprises of latest programming languages and tools to develop better and faster applications
- Develop the ability to plan, analyse, design, implement and maintain the software products for real life applications.
- Practice effectively as individuals and as team members in multidisciplinary projects by inculcating professional skills, ethical behaviour, and leadership qualities.
- Develop lifelong learning capabilities to set up their own enterprise in various sectors of computer applications and be able to pursue higher studies.



Who can join?

- Graduates who aspire to get job in IT or ITES industries
- Experienced professionals, looking to upskill themselves for better career prospects.
- Individuals looking to strengthen their programming skills and build a personal brand in IT industry

Eligibility

- Passed BCA/ B.Sc. (CS)/ B.Sc. (IT)/ BE (CSE) / BE (IT) / B.Tech (CSE) / B.Tech (IT)
  or
  B.Sc./ B.Com./ B.A. with Mathematics at 10+2 level or at Graduation Level
- Obtained at least 50% marks in the qualifying Examination. 45% marks in QE in case of SC, ST and Categary-I Karnataka Candidates.

Duration	2 years
Focus	Imparting application and administration oriented knowledge
Affiliation	University and AICTE
Annual Salary	4 - 8 Lakhs



Companies offering Jobs

Software Development

SAP, IBM, Infosys, TCS Tata Consultancy Services, Cisco, Accenture, Intel, HP

Full Stack Web Development

Siemens, @WalmartLabs, JPMorgan Chase & Co., L&T, Wipro, Deloitte., Adobe

Cloud and Network Security

Cisco, Wipro, Oracle, Infosys, vmware, aws, Alibaba Cloud

Data Science

TCS Tata Consultancy Services, Accenture, IBM, Infosys, amazon, Mindtree Welcome to possible, Hexaware Technologies

Career Opportunities

	0 – 2 Years	2 – 5 Years	5+ Years
Software Development	➢ Software Engineer ➢ IT Analyst ➢ IT Engineer ➢ Software Engineer Trainee ➢ Jr. Testing Engineer	➢ Sr. Software Engineer ➢ Data Center Engineer ➢ Sr. Software Engineer ➢ Software Developer ➢ Testing Engineer	➢ Project Manager ➢ Software Development Manager ➢ Fund Manager ➢ Investment Banker ➢ Testing Manager
Full Stack Web Development	➢ Junior Web Developer ➢ Entry Level Full Stack Developer ➢ Front-End Developer ➢ Jr. Graphic Designer	➢ Web Designer ➢ UI/UX Designer ➢ Graphic Designer ➢ User Interface Designer ➢ Web Developer	➢ Senior Web Designer ➢ Senior Web Developer ➢ UX Researcher ➢ SEO Specialist
Cloud and Network Security	➢ Cloud Network Engineer ➢ Cloud Administrator ➢ Network Administrator ➢ Cyber Security Analyst/Specialist ➢ Penetration Tester/Ethical Hacker ➢ Web Application Security Analyst	➢ Senior Cloud Support Engineer ➢ System Integration Specialist ➢ Cloud Consultant ➢ Infrastructure Manager ➢ Cloud security Consultant ➢ Cybersecurity Risk Management Consultant ➢ Cybersecurity-Technical Sales Consultant	➢ Cloud Enterprise Architect ➢ Cloud Infrastructure Architect ➢ Cloud Application Architect ➢ Cybersecurity Manager ➢ Cybersecurity-Enterprise Risk Manager
Data Science	➢ Junior data scientist ➢ Junior data analyst, data scientist ➢ Data analyst ➢ Business analyst ➢ Business intelligence analyst	➢ Data scientist ➢ Senior data scientist ➢ Data architect ➢ Data engineer ➢ Data mining engineer ➢ Senior business analyst	➢ Lead data scientist ➢ Principal data scientist ➢ Chief data scientist ➢ Chief information officer ➢ Chief technology officer

Curriculum

CORE COURSES

- **Mathematical Foundation for Computer Applications**
- **Operating System Concepts with Linux**
- **Data Structures with Algorithms**
- **Computer Networks**
- **Database Management System**
- **Object Oriented Programming using Java**
- **Software Engineering**
- **Web Technologies**

Elective Courses

Software Development
- User Interface Design
- Software Architecture
- Object Oriented Modeling and Design
- Software Project Management
- Software Testing

Cloud and Network Security
- Cloud Computing
- Block Chain Technologies
- Cryptography and Network Security
- Cyber security with Ethical Hacking

Full Stack Web Development
- Web Development with J2EE
- Digital Marketing
- UI/UX Design
- Mobile Application Development
- C# .NET Programming

Data Science
- AI & ML
- Data Analytics using Python
- Big data Analytics using Spark
- Natural Language Processing
- Deep Learning

Add-on Programmes

The department organizes add-on programmes for students to acquire valuable skills and knowledge beyond their core curriculum. These courses are framed based on the evolving demands of the job market and student capacity. These add-on courses equip the students with modern industry relevant technologies and provide opening doors to a world of opportunities. The add-on courses will be conducted during II and III semesters. Duration of each add-on course will be of minimum 40 hrs. Certificates will be provided by the training organization. The students can choose add-on programs according to their interest which can help them to gain expertise and getting placed in their area of interest. The department has collaborated with the following organizations to conduct add-on programs:

nasscom Tech Mahindra Infosys NSD

Top Recruiters

accenture
EXCELR Raising Excellence
Walmart
TCS TATA CONSULTANCY SERVICES
JUSPAY
Capgemini
PhonePe
Accolite
Flipkart
LG Soft India

Highest Package in 2023-2024



Sahana K
1AT22MC087
3rd Semester
PhonePe
Software Reliability Engineer

23.17 LPA
Rs. 40,000 During internship

Testimonials



Prajwal D.

"I am forever grateful for the opportunities and experiences that Atria Institute of Technology provided me. The exceptional faculty, cutting-edge facilities, and supportive community helped shape me into a confident and capable individual. The rigorous curriculum and projects challenged me to push beyond my limits, preparing me for the real world. I am proud to say that I graduated with not only a degree but also lifelong friendships, invaluable skills, and unforgettable memories. Thanks to Atria MCA Department for helping me unlock my potential and to get me placed at Flipkart!"



Sahana K.

My time at Atria Institute of Technology in the MCA program was incredibly rewarding. The faculty were not only knowledgeable but also very approachable, fostering a friendly environment that encouraged us to excel. They always motivated us to engage in diverse activities beyond academics, helping us develop a well-rounded skill set. I am thrilled to say that, with the support and guidance of the entire MCA department, I successfully secured a placement at PhonePe. I sincerely thank the faculty and management for their continuous support and encouragement throughout my journey. Their mentorship played a key role in preparing me for this next step, and I am grateful for the positive impact they've had on my career.

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