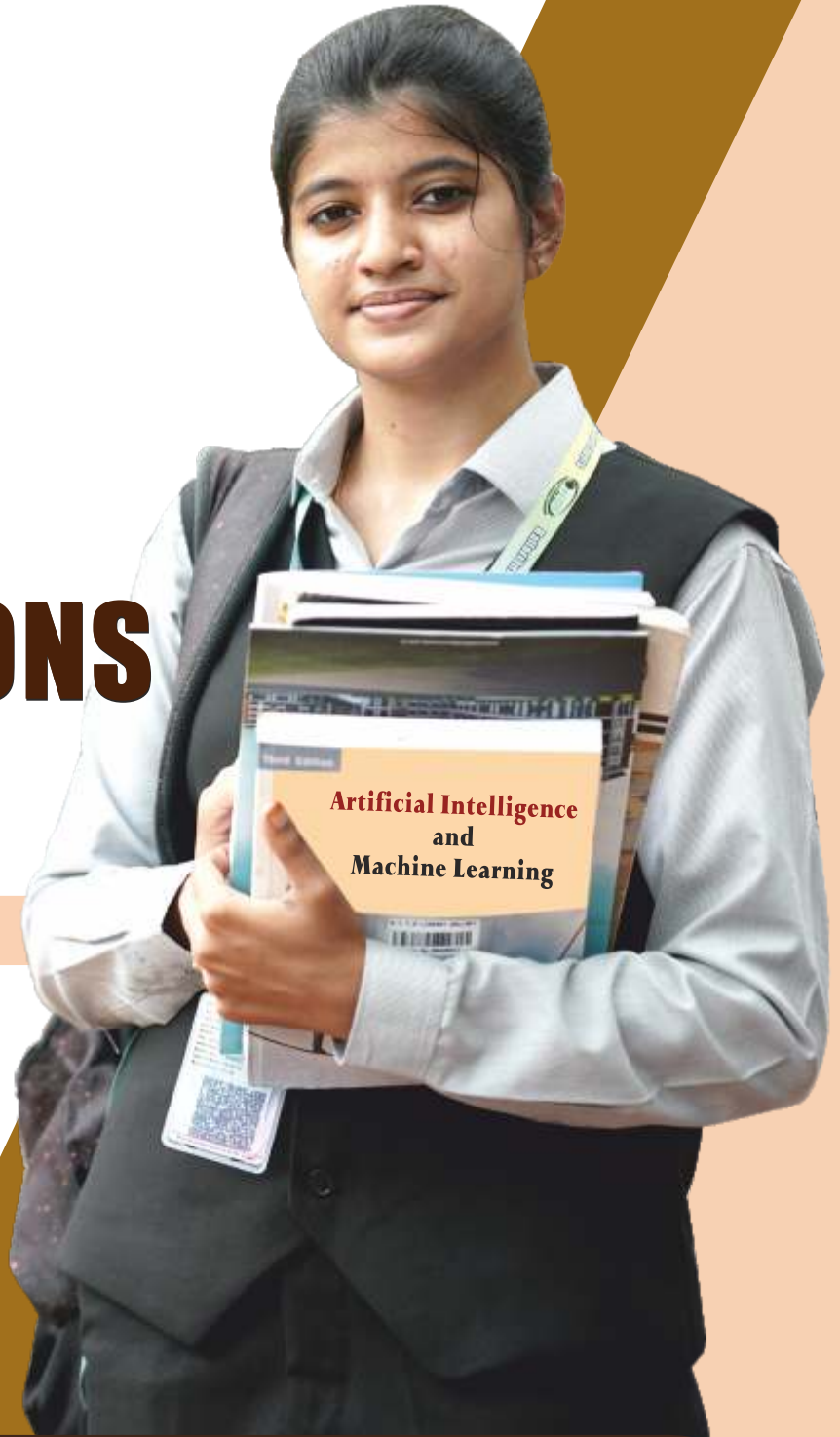




**BALLARI INSTITUTE OF TECHNOLOGY
& MANAGEMENT, BALLARI.**
(An Autonomous Institute under VTU)

MASTER OF COMPUTER APPLICATIONS (MCA)

2-Year PG Program



**PGCET
Code - C410**



Ballari Institute of Technology and Management (BITM) offers a two-year MCA degree program, approved by AICTE, New Delhi and autonomous under VTU, Belagavi, with an intake capacity of 120 seats. The MCA program provides students with challenging opportunities to become part of the global IT industry. With an outstanding learning Resource Centre and well-equipped Labs, we offer a highly conducive learning environment. Our Department comprises of an excellent faculty team dedicated to fostering a research culture that enhances innovation within the industry.

Alternatively, students can utilise the skills acquired to kick-start their entrepreneurial journey, even while studying at BITM.

Vision



"To prepare students for the challenges of the future, while fostering innovation and advancing technology, through education"

Mission



- To impart high-standard, value-based technical education in all aspects of Computer Applications.
- To cultivate ethical, motivated, and skilled postgraduates through a blend of theoretical knowledge and practical applications.
- To nurture proficient professionals among students, empowering them to serve society through research and innovation.

Industry Connect, MoUs & Centres of Excellence

- Infosys Campus Connect - Recognized as an Advanced Partner College.
- An IBM Centre of Excellence for Cloud Computing, Big Data Analytics and Mobile Application Development.
- State-of-the-Art Flexible Manufacturing and Conditioning Monitoring Robotics Lab in Collaboration with MTAB.
- Wipro Talent Next Program for JAVA Full Stack Development.
- Texas Instrument University Program - State-of-the-Art VLSI & Embedded System Lab.
- National Instruments Lab View Centre of Excellence.
- Harita TECHSERV (TVS Group) SIEMENS NX Design, NX Tooling, Total Machinery Handling and CATIA V5.
- Automation Anywhere University USA for Robotic Process Automation Certification.
- Permanent Member of Confederation of Indian Industries (CII).
- Permanent Member of All India Management Association (AIMA).
- JSpiders and QSpiders-Java & Software Testing Centre of Excellence/ Finishing School.
- State-of-the-Art Solar Energy Lab under the Collaboration of PMKVY.



The **Master of Computer Applications (MCA)** is a Postgraduate academic Degree Program that focuses on Computer Science and its applications. This two-year professional master's program is designed to provide students with advanced knowledge and skills in various areas of computer science, including Software Development, Programming Languages, Database Management, Networking and Systems Analysis.

Course Master of Computer Applications

2-YEAR
PROGRAM



INDUSTRY-DRIVEN
SPECIALIZATION COURSES



INDUSTRY-EQUIPPED
SESSIONS

120
SEATS



REALTIME INDUSTRY
PROJECTS

Training & Certification Programs

- Robotic Process Automation – BOTS LAB
- Support For Placement

New Age Technologies Electives

- Artificial Intelligence (AI)
- Machine Learning (ML)
- Data Analytics and Big Data
- Internet of things (IoT)
- Blockchain
- Cybersecurity
- Cloud Computing
- Augmented Reality (AR) and Virtual Reality (VR)
- DevOps
- AWS

Career Scope

Graduates of the MCA program at BITM enjoy diverse career opportunities in the dynamic Tech industry. They can pursue roles such as Software Developers, Data Scientists, IT Consultants, Cybersecurity Experts, and System Analysts. Our program is a blend of theoretical and practical training, along with strong industry connections and career support, ensures successful and fulfilling careers for our graduates.

Career Options after MCA

Software Developer

Data Scientist

Troubleshooter

Web Designer/Developer

Hardware Engineer

Business Analyst

Network Engineer

Quality Assurance Analyst

Database Engineer

Technical Writer

Social Media Manager

Cloud Architect

Software Consultant

Ethical Hacker

Campus Connect

- Soft Skills Training
- Springboard Certification

Training & Internship

- Python
- Advanced JAVA
- Software Testing
- Support for Placement
- Aptitude

Eligibility

Candidates should have a Bachelor's degree in BCA or Computer Science, or a related field. Alternatively, candidates with a Bachelor's degree in Science, Commerce, or Arts with Mathematics at the 10+2 level or during graduation are also eligible. Additional bridge courses may be required as per university norms. A minimum of 50% marks in the qualifying exam is mandatory, with a relaxation to 45% for SC/ST and Category-I candidates from Karnataka. This ensures that students possess the essential background and skills to excel in our rigorous MCA program.

***Note:** ROUNDED-OFF of aggregate percentage will not be considered).

Why MCA at BITM?

- ✦ BITM offers an advanced MCA program emphasizing comprehensive Computer Science knowledge and practical skills.
- ✦ With experienced faculty and a rigorous curriculum covering AI, Data Analytics, Software Engineering, and Cybersecurity, students gain hands-on experience through projects and internships.
- ✦ Skill Development is enhanced with workshops, online courses, and certifications aligned with industry trends.
- ✦ Strong industry partnerships provide networking opportunities and real-world exposure.
- ✦ Dedicated career services support, job placements and professional growth.
- ✦ Aptitude and soft skill training by experts.

Join BITM for a rewarding career in technology, supported by a vibrant academic community focused on innovation and personal development.

Workshops and Events

The 7-day Skill Development Program (SDP), "Re-skilling in C-Problem Solving," is designed to immerse students in computational intelligence techniques essential for addressing complex software challenges. Focusing on code organization, functional decomposition, and the utilization of advanced data structures, this program equips participants with foundational knowledge in information processing, data representation, and coding systems.



By emphasizing practical applications and real-world problem-solving, the SDP aims to significantly enhance students' technical skills and readiness for the evolving demands of the tech industry. This intensive workshop promises to be a transformative experience, empowering students to excel in their future endeavours in software development and beyond.

Dive into our immersive 5-day workshop, "Innovative Approaches to Mastering Data Analytics with Power BI," designed to equip students with comprehensive skills in data visualization using this powerful tool. Power BI connects seamlessly with a variety of data sources, from Excel to SQL Server and Cloud-based platforms



like Azure and Google Analytics, facilitating seamless data integration. Participants will explore interactive visualization options including charts, graphs, and dynamic maps, enabling deep insights and informed decision-making. This hands-on workshop ensures students gain practical experience in leveraging data to drive business outcomes, preparing them to excel in the competitive world of Data Analytics.

For more details, contact:

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BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI.

(A Unit of T.E.H.R.D. Trust[®])

NBA* and NAAC ACCREDITED AND ISO 9001:2015 CERTIFIED INSTITUTION

(Autonomous Institute under VTU, Belagavi, Recognized by Govt. of Karnataka and Approved by AICTE, New Delhi)

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