

Department of Computer Applications

Principal's Desk

Newsletter



Welcome to M.S. Ramaiah College of Arts, Science, and Commerce, Bengaluru, an institution committed to academic excellence and holistic student development. At MSRCASC, we believe education extends beyond textbooks. Our campus is equipped with state-of-the-art infrastructure, including advanced laboratories and smart classrooms that enhance learning experiences. Our dedicated and highly qualified faculty provide invaluable support in all academic, co-curricular, and extra-

Curricular initiatives.

We understand the dynamic needs of the industry and have established strong partnerships with leading industries, research institutions, and corporations. This collaboration enables us to offer our students cutting-edge training, industry-relevant knowledge, and hands-on experiences through workshops, add-on courses, internships, and industrial visits.

Our carefully curated curriculum goes beyond the classroom, focusing on practical skills, soft skills development, and research-based learning to ensure that our students are not just prepared for their careers but are empowered to innovate, lead, and excel in their respective fields. At MSRCASC, we cultivate a culture of curiosity, creativity, and lifelong learning, preparing our students to thrive in a rapidly changing world. Join us and be part of a community that shapes the future!

About The Department

The Computer Science department offers MCA program autonomous from the academic year 2024-25 with an intake of 60, affiliated to Bengaluru City University approved by AICTE. The department is equipped with state-of-the-art infrastructure and well-equipped computer labs with good internet, servers, hardware and software support. The MCA curriculum provides a highly-varied learning orientation for students by balancing core courses, advanced elective courses and dissertation or project with constant revisions to the programme structure to match advancement s in the field to keep them in sync with advances in technology and prepare them for lifelong learning.



Message from HOD

Welcome to the Department of Master of Computer Applications (MCA). Our mission is to provide quality education, foster innovation, and nurture talented individuals to become future tech leaders. We strive for excellence in teaching, research, and industry collaboration, ensuring our students are well-equipped to tackle real-world challenges.



Our dedicated faculty and state-of-the-art infrastructure provide a conducive learning environment. We encourage students to participate in extracurricular activities, hackathons, and industry events to enhance their skills and knowledge.

The MCA program is designed to cater to the growing demands of the IT industry, focusing on practical applications, research, and development. Our goal is to produce graduates who are not only technically proficient but also possess strong problem-solving skills.

I invite you to explore our department, engage with our faculty, and take advantage of the opportunities we offer.

MCA INSIGHTS

EVENTS

Faculty Development Program (FDP) – AI4Educators: From Generative AI to Intelligent Agents

Date: 29th to 6th July 2026

The Department of Computer Applications organized a Faculty Development Program (FDP) titled "AI4Educators: From Generative AI to Intelligent Agents" from 29th June to 6th July 2026. The program aimed to equip faculty members with the latest advancements in Artificial Intelligence and its applications in teaching, learning, research, and academic administration. The sessions covered topics such as Generative AI, prompt engineering, AI-powered teaching tools, intelligent agents, AI ethics, automation and practical demonstrations of AI technologies. The FDP provided participants with hands-on experience, enabling them to integrate AI effectively into their classroom practices, enhance student engagement and improve productivity in academic and research activities.



MCA INSIGHTS

EVENTS

Career Guidance Soft Skills and Technical Training

Date: 2nd to 6th July 2026

The Department of MCA organized a four-day Soft Skills and Technical Training Programme from 2nd July 2026 to 6th July 2026 for MCA II semester students. The programme was conducted by Ms. Parvathi, Ms. Shaik Dilshad, and Mr. Shreyas Rao, Technical Trainers from Ethnus, Bangalore. The sessions were designed to equip students with essential communication skills and strengthen their technical knowledge in Java Programming and Data Structures. By combining interactive soft skills training with hands-on technical learning, the programme prepared students for campus recruitment, internships, and professional careers while enhancing their confidence, problem-solving abilities, and technical competencies.

Main Objectives

- To improve students' verbal and interpersonal communication skills.
- To enhance confidence in presentations and group discussions.
- To strengthen the fundamentals of Java programming.
- To introduce Data Structures and their practical applications.
- To improve logical thinking and problem-solving abilities through coding exercises.
- To prepare students for technical interviews and placement opportunities.



MCA INSIGHTS

EVENTS

Seminar Quantum Computing

Date: 22nd July 2026

The Department of Master of Computer Applications (MCA) organized a seminar on “Quantum Computing” on 22nd July 2026 at Room No. 604. The session was delivered by Mr. Abhinav K K, Program Manager, Uroniynx Technologies Pvt. Ltd., Navi Mumbai, who introduced students to the fundamentals of quantum computing, including qubits, superposition, entanglement, quantum algorithms, and their real-world applications. The seminar highlighted the transformative potential of quantum computing in areas such as artificial intelligence, cybersecurity, optimization, and scientific research.

The session provided students with an opportunity to understand the differences between classical and quantum computing and the emerging possibilities of quantum technologies. Through an interactive discussion, students gained valuable insights into the practical applications, future scope, and research opportunities in quantum computing. The seminar encouraged students to explore emerging technologies and develop an interest in pursuing future learning and career opportunities in this rapidly evolving field.



Extension Activity Computer Awareness on Cyber Attack and Cyber Security

Date: 24th July 2026

The Department of Master of Computer Applications (MCA), M.S. Ramaiah College of Arts, Science and Commerce (Autonomous), organized an Extension Activity on "Computer Awareness on Cyber Attack and Cyber Security" at Karnataka Public School (KPS), Kaiwara, Karnataka, on 24th July 2026. The activity was conducted by the MCA II Semester students with the objective of creating awareness about digital safety among school students. For the primary school students, the MCA II Semester students conducted interactive and engaging activities to encourage learning and participation. For the high school students, detailed awareness sessions were conducted on various forms of cyber attacks, including phishing, online scams, password security, social media safety, cyberbullying, malware, and methods to protect personal information while using digital platforms. The students actively participated in the sessions, asked insightful questions, and gained valuable knowledge on cybersecurity. The programme was conducted under the guidance of Dr. Prathiba V. Kalburgi, Head of the Department, and coordinated by the faculty members Lt. Lakshitha H. S. Murthy and Dr. Safira Begum, whose support and mentorship ensured the successful execution of the outreach initiative. The extension activity effectively promoted digital awareness, encouraged safe online behaviour, and strengthened the social commitment of MCA students towards community service.



Workshop AWS Cloud Computing Foundation

Date: 27/7/2026 & 28/7/2026

The Department of Master of Computer Applications, M. S. Ramaiah College of Arts, Science and Commerce, Bengaluru, organized a two-day workshop on “AWS Cloud Computing Foundation” on 27 and 28 July 2026 for 57 first-year MCA students at the MCA Lab. The workshop was conducted by Mr. Arulmurugan S, AWS Technical Trainer from Amypo, and focused on introducing students to cloud computing fundamentals, AWS core services, cloud security, scalability, cost optimization, and deployment best practices. The sessions included interactive explanations, hands-on demonstrations, and practical exercises that enabled students to gain valuable exposure to creating and managing AWS resources. The workshop provided students with meaningful industry insights and practical knowledge, strengthening their understanding of cloud technologies and preparing them for future academic and professional opportunities in the rapidly evolving field of cloud computing.

