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 leadin g 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 lifelo ng 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 collaboratio n, 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.

Webinar

National Cyber Security Awareness Program

Date: 31st October 2025

Cyber Security is the practice of protecting computers, networks, and data from cyberattacks. The Department organized a webinar on "National Cyber Security Awareness Program" in the Gallery Room. The session was delivered by Mr. Monish Adithya, Information Specialist, Amadeus (Ireland). He explained the importance of cyber safety, safe online practices, and the emerging threats in the digital world. The program was coordinated by Lt. Lakshitha H. S. Murthy, ensuring the smooth conduct of the event.

Key Takeaways

Cyber Safety Measures: Students learned about password security, safe browsing, and avoiding online fraud.

Data Protection: Awareness on protecting personal and institutional data from hacking and misuse. **Responsible Digital Behaviour**: Guidance on ethical and safe usage of social media and digital platforms.

Expert Talk
Current Technologies

Date: 3rd Nov 2025

☐Current technologies are modern tools and systems that improve industries and daily life. The Department organized an expert talk on "Current Technologies" at the Kuvempu Seminar Hall, delivered by Dr. Venkata Reddy (Bangalore). He provided valuable insights into emerging technological trends and their real-world applications, especially in areas such as Artificial Intelligence, Cloud Computing, Data Analytics, and Automation. The session was coordinated by Lt. Lakshitha H. S. Murthy.Through an interactive discussion and question–answer session, students gained clarity on industry expectations and the skills required for current job roles. Overall, the talk motivated students to explore new technologies and enhance their technical skills for future career opportunities.

Expert Talk -Generative AI

Date: 5th Nov 2025

Generative AI is an advanced technology that creates content such as text, images, and code using machine learning models. The Department of MCA organized an expert talk on "Generative AI" at Kuvempu Seminar Hall. The session was delivered by Dr. Satish Bandi, coordinated by Dr. Safira Begum, under the guidance of Dr. Prathiba V. Kalburgi (HOD). The speaker explained how tools like ChatGPT and Large Language Models (LLMs) are transforming industries.

Generative AI Concepts: Introduction to working principles and real-world applications.
AI in Automation & SCADA: Explained industrial automation, SCADA systems, and automation engineer roles.
Industry Applications: Discussed tools like Siemens Industrial Copilot for productivity and decision-making.
The session was highly inspiring and helped students understand the future scope of AI-driven research and career pathways.

Fresher's Day Celebration
Talent Hunt Day

Date: 7th November, 2025

Fresher's Day is a welcoming celebration that helps new students feel comfortable and connected in a new environment. The Department of MCA organized Talent Hunt Day / Fresher's Day at Mother Theresa Hall to warmly welcome first-year students and strengthen the bonding between seniors and juniors. The hall was beautifully decorated by senior students, creating a cheerful atmosphere for the event. The program began with an invocation, followed by a welcome address by Dr. Prathiba V. Kalburgi (HOD), and the presence of the Principal and faculty members added significance to the occasion.

The celebration included vibrant cultural performances such as dance, music, skits, and fun games, which encouraged creativity, teamwork, and confidence among students. Faculty members also guided students with motivational words on discipline, collaboration, and academic excellence. Overall, the event created a joyful and memorable beginning for first-year students and inspired them to begin their academic journey with positivity and enthusiasm.

Industry Interaction Visit to Bengaluru Tech Summit (BTS) 2025

Date: 20th November 2025

The Department of MCA organized an industry interaction visit for 3rd semester students to the Bengaluru Tech Summit (BTS) 2025, where students participated in both the BTS Exhibition and the Future Makers Conclave (FMC). The program was coordinated by Dr. Prathiba V. Kulburgi and Dr. Safira Begum. The visit gave students exposure to emerging technologies such as Artificial Intelligence, Machine Learning, Robotics, Biotechnology, Cybersecurity, SaaS solutions, and hardware innovations.

Students interacted with industry professionals, researchers, and startup founders and gained knowledge about innovation practices and industry expectations. The Future Makers Conclave included expert talks on future technologies, entrepreneurship, and innovation-driven career options. The visit helped students broaden their perspectives, strengthen their practical understanding, and motivated them to explore career opportunities in the evolving technology ecosystem.

Outreach Program at PVP Government High School

Date: 20th November 2025

The Department of MCA organized an outreach program on 21st November 2025 at PVP Government High School, Bengaluru. The program was coordinated by Dr. Safira Begum with the support of senior supervisors and MCA student volunteers. The initiative focused on holistic development of school children through sessions on social manners, general knowledge enhancement, interactive games, and value-based activities. Activities such as quizzes, debates, group discussions, and teamwork games helped students build confidence, communication skills, and critical thinking. A special awareness session on menstrual hygiene was conducted for adolescent girls to educate them on proper hygiene practices, health awareness, and to break stigma with dignity. The students actively participated and the program created a strong impact, promoting social responsibility and community engagement among MCA students.

Career Guidance

Cracking an Interview

Date:26th November 2025

The Department of MCA organized a skill-enhancement session titled "Cracking an Interview" for 3rd semester MCA students. The session was delivered by Prof. Rajgopal, Department of English, who is well known for communication and interview training. The program focused on interview preparation techniques, improving communication skills, developing confident body language, answering HR and technical questions, and building a strong resume. The speaker shared practical strategies, real-time examples, and conducted interactive discussions which increased students' confidence. Overall, the session was highly beneficial and motivated students to prepare effectively for internships and placement opportunities.

Panel Discussion on Digital Transformation of Banking Through AI Tools

Date:3rd December 2025

A panel discussion on "Digital Transformation of Banking Through AI Tools" was conducted on 3rd December 2025 for MCA students. The session was coordinated by Dr. Prathiba V. Kulburgi and featured Mr. Satish Kumar Dwibhashi, Dr. Srinivas Padmanabhuni, Ms.Neelima Vobugari as panel members. They explained how Artificial Intelligence is transforming modern banking services through automated customer support, fraud detection, credit risk assessment, and personalized financial solutions. The discussion provided students with practical knowledge about fintech developments and career opportunities in AI-based banking. The program was interactive and informative, helping students gain awareness of the latest technologies in banking and finance.

Industry–Academia Interactive Tech Talk

Date:24ᵗʰ December 2025

The Department of Computer Applications participated in an Industry–Academia Interactive Tech Talk held on 24th December 2025 at FKCCI, Bengaluru. The event was organized as part of collaboration between FKCCI and KDEM to promote IT growth and digital innovation beyond Bengaluru, especially in Tier-2 and Tier-3 cities. Eminent speakers from industry, government, and academia spoke about emerging technologies, startups, and inclusive digital development.

The session provided career guidance and industry exposure to students, helping them understand real-world expectations and opportunities. Overall, the program successfully bridged the gap between academics and industry.