Presidency School of Information Science

Aspire. Believe. Become.

Admissions Open 2025 – 2026

Introduction

The School of Information Science, one of the key divisions of the university, is committed to excellence in computer science and its applications, offering both undergraduate and postgraduate programmes. Students can pursue BCA, BCA (Artificial Intelligence & Machine Learning), BCA (Data Science), and MCA, all designed to provide a strong foundation in computing, programming, and emerging technologies. The curriculum is structured to equip students with technical expertise, problem-solving abilities, and research skills, while also preparing a future-ready workforce to thrive in the rapidly evolving tech landscape.

With a strong emphasis on innovation, real-world applications, and project-based learning, the school integrates Artificial Intelligence & Machine Learning, Data Science, Full-Stack Development (MERN & Java), Mobile Application Development, Cloud Computing, Cybersecurity, and Generative AI into its programmes. Students engage in hands-on projects, industry collaborations, and practical problem-solving, ensuring they gain both theoretical knowledge and applied experience. With expert faculty, state-of-the-art infrastructure, and a commitment to bridging the gap between academia and industry, the School of Information Science fosters an environment of academic excellence, empowering students for successful careers in software development, AI, data analytics, and emerging technologies.

Career Options

BCA and MCA graduates have diverse career opportunities across software development, IT management, artificial intelligence, and data science. BCA graduates can pursue roles such as **Software Developer, Web & Mobile App Developer, Database Administrator, IT Support Specialist, System Administrator, and Cloud Computing Associate**. Those specialising in AI & ML can explore careers as **AI Developers, AI Solutions Specialists, NLP Specialists, Data Specialists, and Automation Experts**, while Data Science graduates can work as **Data Analysts, Business Intelligence Professionals, Big Data Specialists, Predictive Analytics Consultants, and Data Visualisation Experts**. MCA graduates, with their advanced knowledge and expertise, can take on higher-level roles such as **Software Architect, IT Consultant, Data Scientist, Enterprise Application Developer, IT Manager, Cloud Solutions Architect, and Full-Stack Developer**. With strong computing fundamentals and specialisation in emerging technologies, both BCA and MCA graduates can build successful careers in the ever-evolving tech industry.

Eligibility

BCA

The candidate seeking admission for BCA should have passed 10+2 or an equivalent examination from any recognised board with a minimum of 40% marks in aggregate.

MCA

The candidate seeking admission for MCA must have passed any graduation degree (B.E./B.Tech./B.Sc./B.Com./B.A./B.Voc./BCA), preferably with Mathematics at 10+2 level, or at Graduation Level. Obtained at least 50% marks (45% marks in case of candidates belonging to reserved categories) in the qualifying examination.

Why Presidency University?

- **Industry-Aligned Curriculum** – Focuses on practical learning, emerging technologies, and design thinking to meet industry demands.
- **State-of-the-Art Infrastructure** – Specialised computer labs, modern research centres, and tech-driven learning spaces.
- **Skill & Leadership Development** – The BCA & MCA curriculum is skill-based, with integrated soft skills training and social outreach programmes for career readiness.
- **Global Opportunities** – Offers student exchange programmes and seamless progression to Master's programmes under the same fee structure.

Programmes Offered

Bachelor of Computer Applications (BCA)

The Bachelor of Computer Applications (BCA) programme is designed to equip students with the essential skills needed to thrive in the fast-evolving IT and ITES industries. The curriculum covers fundamental concepts and practical applications in computer algorithms, programming, database management, computer networks, internet technologies, cloud computing, and mobile app development. With a strong focus on hands-on learning, the programme prepares graduates for diverse career opportunities, including roles as programmers, software testers, web developers, web designers, database administrators, network administrators, and technical support specialists.

BCA (Artificial Intelligence & Machine Learning)

The BCA in Artificial Intelligence & Machine Learning is a cutting-edge programme that blends computing fundamentals with AI and ML specialisations. Covering machine learning, deep learning, NLP, neural networks, data analytics, and computer vision, it offers hands-on experience through projects, industry collaborations, and AI research. With expert faculty, advanced labs, and emerging AI tools, graduates are prepared for careers in AI development, data science, robotics, and automation, equipped with problem-solving, critical thinking, and ethical AI practices.

BCA (Data Science)

The BCA in Data Science equips students with computational, analytical, and statistical skills for data-driven decision-making. Covering data analytics, machine learning, visualisation, big data, and it offers hands-on training with tools like Python, R, SQL, and Hadoop. With expert faculty, advanced labs, and industry collaborations, graduates are prepared for careers in data analytics, ML, and data engineering, ready to solve real-world challenges.

Master of Computer Applications (MCA)

The MCA programme provides advanced expertise in computer science, software development, and emerging technologies. Covering AI, cloud computing, cybersecurity, big data, and full-stack development, it emphasises hands-on learning, research, and industry collaborations. With expert faculty and state-of-the-art infrastructure, graduates are prepared for careers in software engineering, AI, data science, and IT consulting in a rapidly evolving tech landscape.
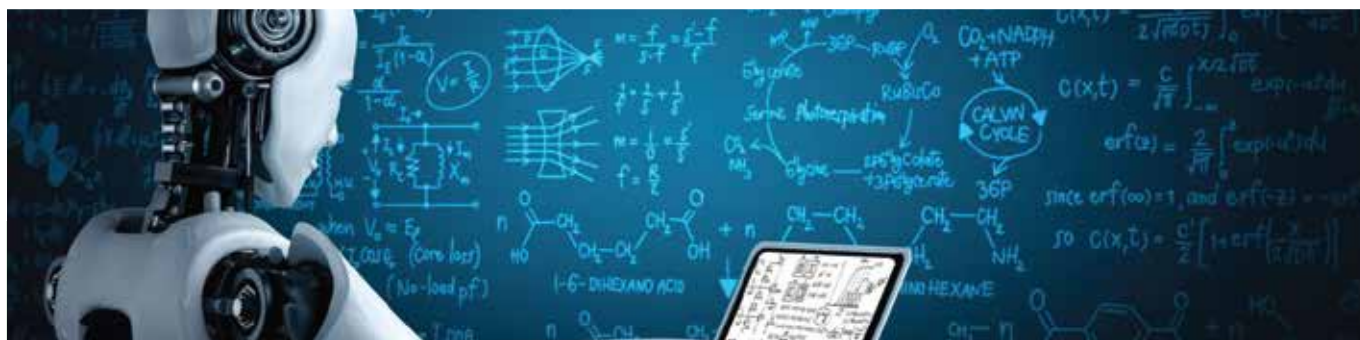
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PresidencyUniversityBangalore   presidencyuniversity   presidencyuniversity

Phone: +91-90220-92222   admission@presidencyuniversity.in

Campus : Rajanukunte, Yelahanka, Bengaluru, Karnataka, Pin: 560119