



M.O.P. VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)
Chennai, Tamil Nadu, India
Department of Computer Science and Information Technology
B.C.A.
(3 year Undergraduate Programme)



PROGRAMME OVERVIEW

The B.C.A. program at M.O.P. Vaishnav College for Women, established in 1999, has empowered women in information technology for over 25 years. The Silver Jubilee of B.C.A. celebrated a legacy of excellence, equipping women with in-demand technical skills to excel in IT industry. Consistently ranked 43rd among India's top institutions, it also received the Best Colleges Award 2024 from GHRDC for Excellence in B.C.A. education and ranked 56th in IIRF 2025 among best private B.C.A. colleges.

UNIQUE SELLING PROPOSITION



B.C.A. at MOPVC nurtures well-rounded growth by combining technical knowledge with essential skills in communication, teamwork, and leadership.



The programme empowers women with the skills needed in emerging technologies, enabling them to build sustainable, global software solutions.



By blending technical acumen with soft skills, B.C.A. shapes versatile professionals ready to excel in the fast-paced IT industry.

ELIGIBILITY



XII grade students with Mathematics / Business Mathematics / Computer Science / Computer Application can apply for the programme.

COURSES FOCUSING ON SKILLS



- Python Programming
- Fundamentals of Computer Logic and Microprocessor
- Data Structures using C
- Operating Systems with Unix
- Optimization Techniques Using Open Source Tool
- Programming in JAVA
- Data Communication & Networks
- Advanced JAVA Programming
- Mathematics for Computer Applications
- Statistics For Computer Applications

COURSES FOCUSING ON EMPLOYABILITY



- RDBMS With PLSQL
- Software Engineering with DevOps
- Data Mining
- Software Testing
- Business Intelligence
- Artificial Intelligence
- Machine Learning with TensorFlow
- High Performance Computing
- Fundamentals of Accounting with Tally
- Capstone Project

COURSES FOCUSING ON ENTREPRENEURSHIP



- PHP & MySQL
- Cyber Security
- Fundamentals of Cost & Management Accounting with Tally
- Web Programming



ICCCMIT

An International Conference on Communication, Computing and Information Technology (ICCCMIT) has been organized in the years 2012, 2014, 2017, 2019, 2021 and 2024. The forthcoming edition of the conference is scheduled to be held in January 2026.

RESEARCH PAPER PUBLICATIONS & PATENTS

The B.C.A. faculty and students have published 50+ research papers in UGC-listed and Scopus-indexed journals, and together they have also secured five patents contributing to technological advancement and enhanced educational practices.

INDUSTRIAL VISIT

Students visited "Robonetics Automation Solutions LLP" for an industrial tour, gaining hands-on exposure to robotics and automation.

PROJECTS

Students display the selected best projects in the Chennai Trade Fair organized by the Government of Tamil Nadu every year.

INFRASTRUCTURE

The department features four well-equipped computer labs with the latest and updated software, including eclipse, tableau, machine learning and deep learning libraries, hadoop, mongoDB, cassandra, and more. It also offers smart classrooms and Wi-Fi connectivity.

STUDENT LED ACTIVITIES

JOURNAL

Publish a thematic journal "The Compiler".

OLAP

An intercollegiate event to explore and exhibit students talent in their interested domain of IT.

INTERNATIONAL PROGRAMMERS' DAY

Honor programmers and conduct events like Web-A-Thon and IoT Idea-thon.

INTERNATIONAL CYBER SECURITY DAY

Initiative to enhance the awareness of the cyber threats and safe usage of the cyber space.

INNOVISTA

An Innovators' Forum featuring 'TechYuva', an intercollegiate competition, accompanied by student real-time project showcases, industry-led sessions, demos, and discussions on emerging tech.

ONLINE COURSES

Students take up certified online courses on key subjects through Swayam, NPTEL, etc.

SPORTS & EXTRA-CURRICULAR ACTIVITIES

The students of B.C.A. bring laurels and accolades by participating in various activities at international, national and regional level.

CO-CURRICULAR ACTIVITIES

The programme organizes periodic guest lectures, workshops, and seminars to enhance knowledge in trending topics.

EXTENSION ACTIVITIES

The students impart soft skills and basic computer skills to school students through VIKAS and GYAAN activities.



ALUMNI SPOTLIGHT



► "An inquisitive BCA student from M.O.P., inspired by early lessons in programming and design, discovered a passion for cybersecurity that led to a Ph.D. in Human-Computer Interaction. Now a tenured Assistant Professor at Tilburg University, I design Responsible Human-Centered AI systems focusing on healthcare, sustainability, and nurturing curious minds."

- **Dr. Supraja Sankaran Batch: 2007-2010**
Assistant Professor, Tilburg University

► "Doing B.C.A. in MOPVC gave me a lot of exposure to groom myself to face the rapid growth in IT & IT related industry. A course that gave me dual opportunities to explore the Banking Industry as well as the IT sector. With the amount of additional technical skill courses that MOPVC offers, will help all to uplift our skill sets."

- **Sruthi R Batch: 2011-2014**
Senior Analyst II,
RBS India Private Services Limited, Chennai

INTERNSHIPS AND PLACEMENTS



(Prominent recruiters)



CAREERS IN INFORMATION TECHNOLOGY AND RELATED INDUSTRY

- Software Engineer
- Developer / Tester
- Data Scientist / Data Analyst
- UX / UI Designer
- Cyber Security Expert
- Financial Analyst / Operational Executives in Banks

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