



St. Joseph's College of Commerce (Autonomous)

163 Brigade Road, Bengaluru, Karnataka - 560 025.

Bachelor of Science (B.Sc.)

Economics, Mathematics & Data Analytics

ADMISSIONS 2026 - 2027

✉ admissions@sjcc.edu.in

🌐 www.sjcc.edu.in

About The Institution

St. Joseph's College of Commerce (SJCC) formerly a part of St. Joseph's College, established in the year 1882, is managed by the Bangalore Jesuit Educational Society (BJES). The Commerce Department was established in the year 1949 and it became an independent college with its own building in Brigade Road in the year 1972.

The college has in its Vision a model for higher education which encourages individuals to dream of a socially just world and in its Mission a strategy to empower individuals in realizing that dream. With an objective of imparting quality education in the field of Commerce and Management, the college has been innovating in all aspects of higher education over a long period of time. These innovations were further bolstered with the granting of autonomous status to the college by UGC in September 2005. From then on, the college has taken a lead in reforming curriculum and syllabus, examination and evaluation pattern, and teaching and learning methods through the Board of Studies, the Academic Council and the Governing Council composed of eminent academicians, industry representatives and notable alumni.

The college has undergone four cycles of NAAC accreditation starting from the year 2000 in which it secured 'five stars', next in the year 2007 an 'A' grade, in the year 2012 again an 'A' grade and recently in February 2021 an 'A++'. It is one of the very few institutions in the country to have secured A++ grade in the fourth cycle under the Revised Accreditation Framework (RAF) and the first college in Karnataka to do so. The college was declared as a 'College with Potential for Excellence' in the year 2010. In 2011, SJCC was recognized as a Research Centre by Bangalore University. The college has been ranked 55th in the country in 2024 by the National Institutional Ranking Framework (NIRF), Ministry of Education, Government of India.

The college offers diverse programmes in Commerce and Business Administration faculties. Under the faculty of Commerce, it offers B. Com (Regular), B. Com (Professional - International Accounting and Finance), B. Com (BPS - Industry Integrated), B. Com (Analytics), B. Com (Professional - Strategic Finance), M. Com (Finance & Taxation/ Marketing & Analytics), M. Com (International Business) & M. Com (Financial Analytics). Under Business Administration, it offers BBA (Regular), BBA (Entrepreneurship) and BBA (Professional - Finance and Accountancy), B.A. and B.Sc. were the two new programmes introduced in the academic year 2022-23. The college also offers five one-year Post Graduate Diploma programmes.



Milestones

St Joseph's College was established in 1882

1882

St Joseph's College introduced the Department of Commerce

1949

Became an independent College, St Joseph's College of Commerce

1972

First cycle of NAAC, accredited with 5 stars

2000

Granted Autonomous Status

2004

Second cycle of NAAC accredited with an A grade

2007

Recognized SJCC as a "College with Potential for Excellence"

2010

Bangalore University recognized the College as Research Centre

2010

Third cycle of NAAC accredited with A grade, CGPA 3.37

2012

Fourth cycle of NAAC accredited with A grade A++, CGPA 3.57

2021

CHARACTER FORMATION

Vision

“Fide et Labore,” meaning “Faith and Toil.” Faith is the commitment to God and fellow beings while Toil represents hard work.

SOCIAL CONCERN

Mission

“St. Joseph’s College of Commerce seeks to be a place where academic excellence goes with the cultivation of virtue, and where a community is formed which sustains men and women in their education and their conviction that life is only lived well when it is lived generously in the service of others”.

ACADEMIC EXCELLENCE

Motto

To create a just, secular and democratic society specially in the service of the poor, the oppressed and the marginalized.

About the Programme

B.Sc. Economics, Mathematics & Data Analytics

Economics Major

- Develops expertise in mainstream economics, enhancing analytical, creative, and critical thinking for effective problem-solving and decision-making.
- Offers an interdisciplinary approach by integrating fields like Finance, Mathematics, Programming (Python & R), History, and Environmental Studies with local and global perspectives.
- Equips students with transferable skills, boosting employability for roles such as economist, government advisor, financial consultant, and banker



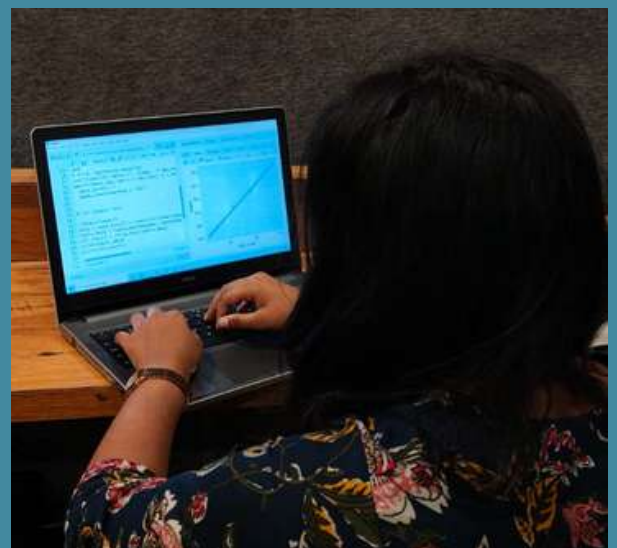
Mathematics

- Provides a strong foundation in core mathematical topics such as calculus, linear algebra, and optimization methods, emphasizing problem-solving and analysis.
- Focuses on practical applications, enabling students to tackle real-world problems in areas like science, engineering, and economics.
- Enhances proficiency in computational tools and techniques through projects and case studies, with applications in data analysis, operations research, and finance.



Data Analytics

- Develops essential skills in data cleaning, statistical techniques, exploratory analysis, and machine learning applications for informed decision-making.
- Offers hands-on experience with tools like Python, R, Power BI and SQL for data manipulation, visualization, and problem-solving.
- Applies knowledge to real-world challenges in industries such as finance, healthcare, and marketing through case studies and projects.



Key features of the Programme



❖ Interdisciplinary curriculum combining Economics, Data Analytics, and Mathematics.



❖ Focus on analytical, creative, and critical thinking for effective decision-making.



❖ Experiential learning through internships, case studies, seminars, and research projects.



❖ Hands-on exposure to tools like Python, R, and SQL for data analysis and visualization.



❖ Events and fests designed to promote practical learning, global competency, and intellectual growth.



❖ Global and local perspective on economic, social, and political issues, Wide career prospects in economics, finance, data science, government, and consulting.



❖ High employability quotient with transferable and industry-relevant skills.



Economics

Microeconomics	Times series Economics
Mathematics for Economics	Public Economics
Macroeconomics	International economics
Statistics for Economics	Economics of Growth and Development
Factor pricing and welfare Economics	Indian Economics
Basic Economics	Financial Economics
Monetary Economics	Economics and Business Analytics
Advanced Macro Economics	Advanced Micro Economics

Mathematics

Data Analytics

Introduction to Calculus and Differential Equations	Software tools for Data Analytics like Tableau, Microsoft Power BI, AI Integrated Excel, etc.
Linear Algebra	Basic & Advanced Statistics
Advanced Calculus and Differential Equations	Exploratory Data Analysis(EDA) and Machine Learning
Numerical Methods	Programming Languages like SQL, R, Python etc

Why Study at SJCC?

ACADEMIC EXCELLENCE

- Innovative Teaching-Learning Pedagogies.
- Innovative Continuous Internal Assessments.
- End Semester Examinations
(Transparency/Publication of QP and Answer key).
- Bridge Course & Remedial Classes.
- Fieldwork/ Research Projects.
- Centre for Digital Education and Learning.
- Coaching for Professional Exams.
- International and National collaborations.

CHARACTER FORMATION

- Class Mentor and Counselling Support.
- Student Council, Associations and Clubs.
- Leadership Camps.
- Intercollegiate and Intra Collegiate Fests.
- Yoga and Sports.
- UGC-mandated cells.
- Student Welfare Officer.

SOCIAL CONCERN

- Bembala- Social Outreach Programme
- Extension Activities – NSS, CSA, AICUF, Rotaract, EcoClub.
- Equal Opportunity Centre.
- Alumni (OSA) and Management Scholarships
- Mid- Day Meal Schemes



Department Associations



Inflectum – “The point where transformation begins”

A B.Sc. platform shaping students in Economics, Mathematics, and Data Analytics.

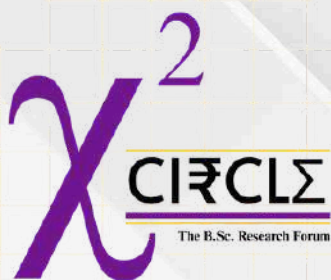
With three sub-forums – Economics, Mathematics, and Data Analytics – Inflectum focuses on subject-specific skills and knowledge.

We organize open mics, seminars, workshops, fests, and debates to foster learning, creativity, and practical exposure.

These activities help students develop critical thinking, analytical skills, and data analytics expertise.

The platform encourages students to collaborate, innovate, and apply their knowledge in real-world scenarios.

Through experiential learning, Inflectum aims to prepare students for academic, professional, and global opportunities.



Chi Square Circle – The B.Sc. Research Forum

A space dedicated to inquiry, integrity, and interdisciplinary thinking.

The forum provides students a platform to explore their research interests, receive guidance in conducting research, and publish their work.

Faculty members mentor students throughout the research process, ensuring academic rigor and meaningful outcomes.

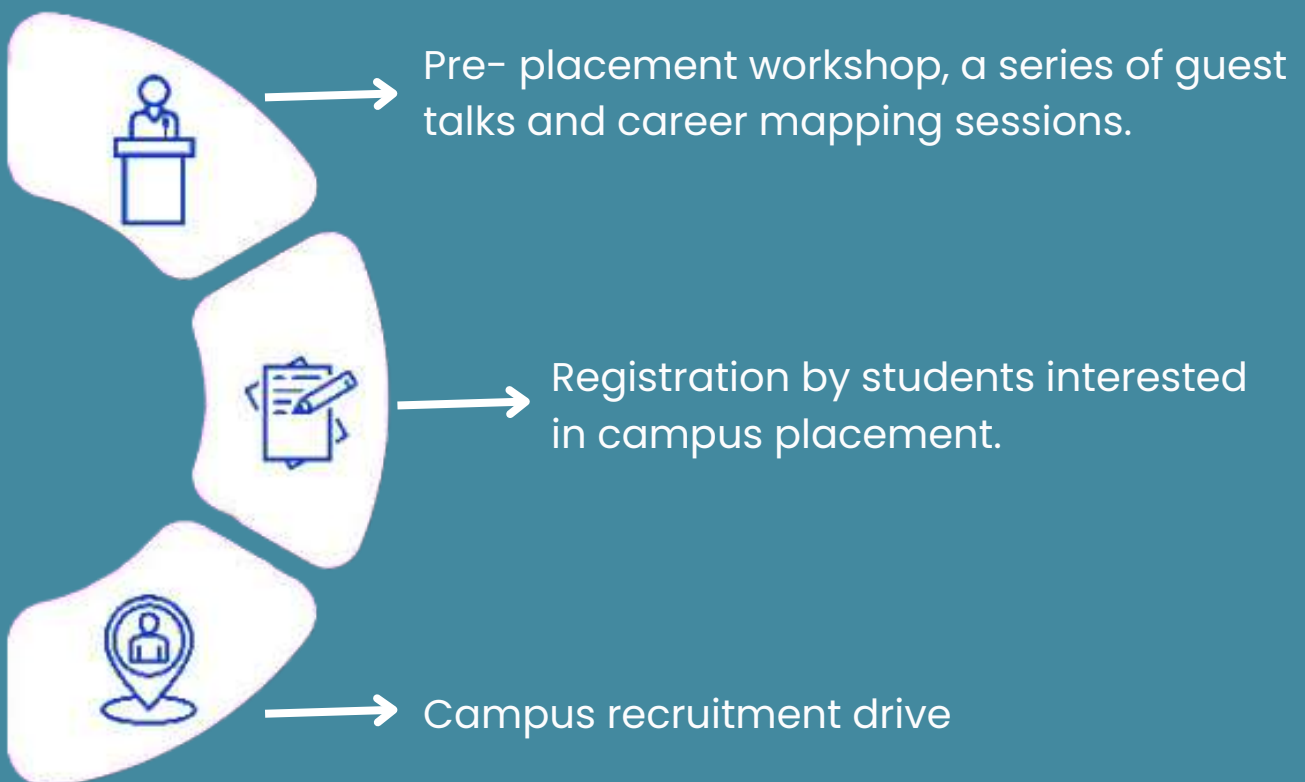
Chi Square Circle encourages curiosity, critical thinking, and the pursuit of knowledge across disciplines.



Internship Opportunities



Placement Process



Placement Opportunities

Collaborations

Admission Process

Shift I: Class timing 7.00 a.m. onwards

Eligibility

- Mandatory eligibility for the programme is the candidate should have passed at the +2 level (Karnataka PUC, ISC, CBSE, NIOS, state boards) in any stream of Commerce & Science from any recognized boards from India or abroad.
- The candidate should have mandatorily studied Mathematics in 11th and 12th grade.

Admission Process

Round 1: St. Joseph's College Commerce Aptitude Test (SCAT)

Test Details	Guidelines
Section I • Economics Aptitude Section II • Advanced Mathematics Section III • Data Interpretation and Logical Reasoning Section IV • Communicative skills in English & Grammar	• Duration – One Hour • Number of Questions – 60 • Total Marks – 60 • All questions are compulsory

Round 2: Subject Knowledge Interview

Questions from Economics, Mathematics and Statistics (Portions from Class 11 and 12 Science syllabus)

Round 3: Personal Interview with candidates and Document Verification





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