



St. Joseph's College of Commerce (Autonomous)

#163, Brigade Road, Bengaluru - 560025, Karnataka, India
Affiliated to Bengaluru City University
Accredited with 'A++' Grade by NAAC in 4th Cycle (CGPA of 3.57/4)
College with Potential for Excellence (CPE)
Ranked 55th in NIRF 2024 by the Ministry of Education, Government of India

B.Sc. Programme Economics, Mathematics & Data Analytics Admissions 2025 - 2026





ABOUT THE INSTITUTION

St. Joseph's College of Commerce, formerly a part of St. Joseph's College was established in the year 1882 as an educational initiative by the French foreign mission Fathers. In 1937, the management of the college was handed over to the Jesuits, a worldwide Catholic religious order with a special focus on education. The Department of Commerce was established in the parent college in 1949. In 1972, this department became an independent college under the name St. Joseph's College of Commerce. It is recognized under Section 2(f) and 12B of the UGC Act. It became an autonomous institution in October 2004. St. Joseph's College of Commerce was recognized as a "College with Potential for Excellence" in February 2010 by UGC.

The motto of the College is 'Fide et Labore' ('Faith and Toil'), which serves as an inspiration behind the vision and mission of the college to give shape to a society full of all-inclusive minds to cater to the inherent diversity of our country. Currently it enjoys an A++ grade with the National Assessment and Accreditation Council (NAAC). The college has been proactive to the significant changes and developments in the domain of higher education as well as business and commerce.



What is the best way to engage learners

Teachers must create the conditions whereby learners gather and recollect the material of their own experience in order to distil what they understand already in terms of facts, feelings, values, insights and intuitions they bring to the subject matter at hand.

What needs to be known about learners

Cura personalis - personal care and concern for the individual - is a hallmark of Jesuit education, and requires that teachers become as conversant as possible with the context or life experience of the learner.

What learners need to know and learn

Memory, understanding, imagination, and feelings are used to grasp the essential meaning and value of what is being studied, to discover its relationship to other facets of human knowledge and activity, and to appreciate its implications in the continuing search for truth.

How do we compel learners to move beyond knowledge to action

Transform the world into a global community of justice, peace and love. It should at least be a step towards that goal even if it just leads to new experiences, further reflections and consequent actions.

How do we assess learners' growth in mind, heart, and spirit

Evaluation which includes but goes beyond academic mastery to the learners' well-rounded growth as persons for others. Observant teachers will perceive indications of growth or lack of growth in class discussions and students' generosity in response to common needs much more frequently



CORE VALUES

- ◆ Pioneering Initiatives in Collaboration with Industry and Professional Bodies
- ◆ State-of-the-Art Library and Updated E-Learning Resources
- ◆ Cutting-Edge ICT Infrastructure across Campus
- ◆ Compulsory Internships and Training Programmes
- ◆ Stellar Track Record of Placements in Prestigious Companies
- ◆ Global Exposure Facilitated by Strategic Collaborations
- ◆ Nurturing Minds through Employability Skills and Innovative Course Offerings
- ◆ Provision of Financial Assistance for Economically Disadvantaged Students
- ◆ Enriching Student Life through Outreach Activities and Diverse Student Clubs
- ◆ Distinguished Faculty Fostering Critical Thinking and Empowering Articulation Skill

WHY JOSEPH'S?

WELCOME TO SJCC

01

St. Joseph's College of Commerce (SJCC) was formerly a part of St. Joseph's College established in the year 1882. The Commerce Department was established in the year 1942 and it became an independent college with its own building in Brigade Road in the year 1972.

02

With an objective of imparting quality education in multidisciplinary field, the college has been innovating in all aspects of higher education. These innovations were further bolstered with the granting of autonomous status to the college by UGC in September 2005.

03

The college has undergone four cycles of NAAC accreditation starting from the year 2000. Currently Accredited with A++ in 4th Cycle with CGPA of 3.57/4

04

The college was declared by UGC as 'College with Potential for Excellence' in the year 2010.

05

A Research Centre was established in 2010 with the objective of engaging in quality research work in the field of commerce.

06

The college has also been ranked consistently in top ten commerce colleges of the country in a survey conducted by MDRA for India Today magazine.

07

The college has been consistently ranked in the top 100 of National Institutional Ranking Framework (NIRF) ratings of Ministry of Human Resources and Development (MHRD).

08

The college has implemented NEP and now offers innovative programmes in multidisciplinary fields like Economics and English.

09

The college has an eco-friendly campus winning the Best Ornamental Garden competition conducted by the Mysore Horticulture Department for the 4th consecutive year.

10

SJCC is deeply rooted in the Jesuit philosophy of education and has a rich tradition of empowering the marginalized.

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 Major

- 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 Major

- 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.





“Economics is not an exact science. It’s a combination of an art and elements of science. And that’s almost the first and last lesson to be learned about economics: that in my judgment, we are not converging toward exactitude, but we’re improving our data bases and our ways of reasoning about them.”

Paul Samuelson

“Economics is a strange science. Our subject deals with some of the most important as well as mundane issues that impinge on the human condition.”

Dale T. Mortensen

“Data is the new oil. It’s valuable, but if unrefined, it cannot really be used.”

Clive Humby

“Without data, you’re just another person with an opinion.”

W. Edwards Deming



Core Courses

Economics

Microeconomics
Mathematics for Economics
Macroeconomics
Statistics for Economics
Factor pricing and Welfare Economics
Basic econometrics
Monetary economics
Time series Econometrics
Public Economics

International economics
Economics of Growth and Development
Indian Economy
Advanced Micro Economics
Financial Economics
Computer Applications in Economics
Advanced Macro Economics
Economics and Business Analytics
Programming with R for Economists

Mathematics & Data Analytics

Machine Learning
Cloud Computing
Mathematics: Linear Algebra and Calculus
Advanced Statistics
Data Mining and Analytics
Database Management Systems
Artificial Intelligence and Internet of Things

Programming Languages like SQL, R, Python etc
Software tools for Data Analytics like Tableau, Microsoft Power BI, Apache Spark etc
Data Warehousing
Big Data Technologies
Operating Systems
Cyber Security

ELECTIVES / SKILL ENHANCEMENT / CERTIFICATE COURSES

- » Behavioural and Experimental Economics
- » From Poverty to Prosperity: Understanding Economic Development
- » Entrepreneurship in Emerging Economies
- » A History of Economic Thought
- » Nobel Prize winners in Economics and their Contribution
- » Energy Economics and Policy
- » Business Analytics
- » Economics for the 21st Century
- » Economics and Policies in a Bio based Economy
- » Cyber Security Economics
- » Financial Analysis
- » Neuroeconomics
- » Circular Economy and Sustainable Development
- » Economics Lab
- » Game Theory
- » Neural Networks



CAREERS AND EMPLOYABILITY

Economics, Mathematics and Data Analytics is a widely sought after programme worldwide. There are numerous areas in which students can look forward to getting productively employed. Due the transferable skills acquired, they can be employed in various fields. Some important career paths for these graduates include

1. Researcher
2. Government Adviser
3. Management Consultant
4. Derivatives Trader
5. Financial Analyst
6. Econometrician
7. Budget Analyst
8. Pricing Analyst

1. Data Analyst
2. Data Scientist
3. Business Intelligence Analyst
4. Data Engineer
5. Machine Learning Engineer
6. Data Architect
7. Cybersecurity Analyst
8. Healthcare Data Analyst

WHY ECONOMICS, MATHEMATICS AND DATA ANALYTICS?

- ▶ A wide array of job opportunities, including: accounting, banking, data analyst, data scientist, and consulting in the government, private sector, or public sector.
- ▶ A rigorous foundation in data analysis with the ability to apply the knowledge in practical settings.
- ▶ An understanding of microeconomics and macroeconomics.
- ▶ Learning what is practical and applicable to real-life choices and decision making.
- ▶ The ability to solve problems.
- ▶ Knowledge about for how to make wise financial decisions.
- ▶ Understanding of statistical and mathematical techniques.
- ▶ Expertise in the use of technology and computers for data analysis for drawing insight & decision making.

Noteworthy Attributes

Research Centre

An integral part of the Institution, the centre aims to inculcate research culture among students and professors alike. It provides the required guidance and support for conducting innovative and collaborative research.

Students Recreation Centre

Students of SJCC are always open to unwind and play games. They can play carrom, chess, table tennis, basketball, football and other sports as well.

Gym

The college has an indoor gym and it is open to all students. High-end equipment is available for the students to use.

Cafeteria

The SJCC canteen provides an array of options for the Students to choose from.

Smart Classrooms

All classrooms are equipped with state of the art smart boards and projectors. Smart classrooms foster opportunities for teaching and learning by integrating latest technology.

Library

The institution has a well-stocked library with over 30,000 titles of both general and subject books. The library also has access to online catalogues, database such as Delnet, N LIST, Capitaline and digital library.

Wifi Campus

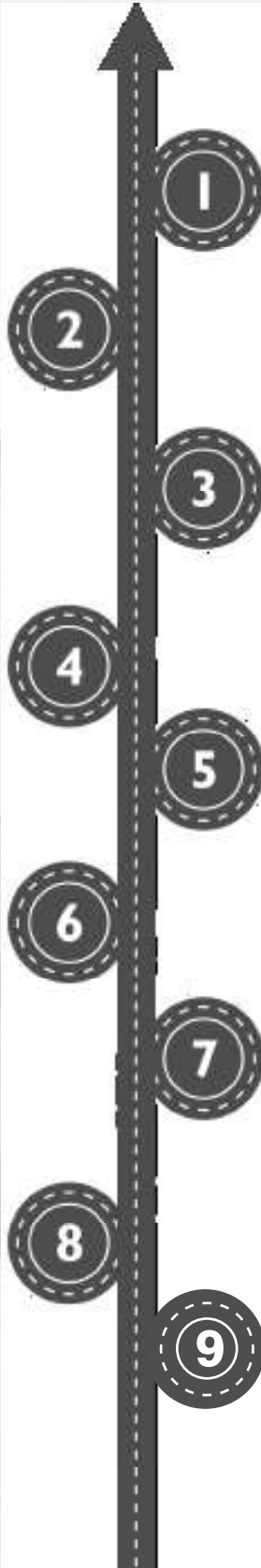
The campus is wi-fi enabled which facilitates students and faculty members to access resources available on the internet.

Sports Centre

The college boasts of a campus space with modern facilities that help foster sporting excellence. An indoor gym, a basketball court and a football field help to facilitate a holistic education.

Computer Lab / Data Centre

The college has exclusive computer labs with a capacity of 150+ computers.





Auditorium



Cafeteria



Library



Computer Lab



Basketball Court



Smart Classrooms



Gym



Research Center



COMMUNITY OUTREACH



Core Philosophy of Jesuit Education

- Encourages students to recognize their talents as gifts to be developed and used for the greater good of the human community, inspired by love for God.
- Rooted in the Ignatian pedagogical paradigm, guiding students to reflect, discern, and make responsible, conscious choices driven by integrity and humanity.

Holistic Development

- Transcends academic mastery, promoting value-oriented education that emphasizes realistic knowledge of the world and active societal involvement.
- Prepares students to become men and women for others, fostering a commitment to serve and contribute meaningfully to society

Focus on Community Service

- Instills a desire to serve through outreach programs, motivating students to engage with and act on social issues.
- Encourages active participation in community service, nurturing empathy and a sense of responsibility toward the human community.



Rural Camps

As a part of the outreach programmes the students visit villages and experience the realities of village life, their predicaments and their everyday challenges with minimum resources. They conduct outreach programmes in these villages and work towards their betterment



Bembala

'Bembala' is a BJES community outreach programme designed for students of all institutions under BJES. The programme aims to reach out to the deprived groups and vulnerable sections of society and create opportunities for education, awareness and skill enhancement. It intends to create a learning process for faculty and students, through exposure to community needs, problems, and issues. It hopes to reach out to the community by designing need-based interventions and generating research.



Social Service Clubs

The Jesuit view of higher education has never been a simplistic and one sided one. The aim of SJCC is preparing persons for the service of others. At the heart of the college's Vision & Mission is social concern. NSS, CSA, AICUF, Rotaract and Eco Club are associations dedicated to community service and outreach programmes.



STUDENT COMMUNITY

STUDENT DIVERSITY

St. Joseph's College of Commerce attracts students from all walks of life. SJCC hosts a diverse student population comprising of students from different religious, social, economic and linguistic background. The college becomes a melting pot for different cultures and traditions and provides an excellent opportunity for exchange of ideas.

STUDENT SUPPORT

Student support and progression is one of the core criterions that the Institution strives to attain through its educational pursuits and extracurricular activities. All through its diversified programmes and ventures, it aims to drive students' passion and intellectual curiosity towards their subjects of interests.. To meet the demand for holistic education pedagogy, the college gives pre-placement support and guidance aid amongst many others.

ORIENTATION PROGRAMMES

All the new students are welcomed to the campus and informed about the rules and regulations of the college, the course structure, examination process, placement procedure, code of conduct along with organisation structure of BJES.

STUDENT WELFARE COMMITTEES

The college has constituted committees to provide proper support for students. These committees will look into the concerns of students and ensure a safe and comfortable stay in the campus.

- Grievance and Malpractice (Prevention & Redressal) Committee
- Sexual Harassment (Prevention and Redressal) Committee
- Anti-Ragging Cell
- Equal Opportunity Centre
- Student Welfare Committee

REMEDIAL CLASSES

Remedial classes are conducted before the Mid-semester and End semester Examinations to provide additional academic support.



MENTORSHIP

At SJCC, every first-year class is assigned two faculty mentors who take time to meet each student and help them with their concerns. Mentors keep an 'Open hour' every week for meeting the students. They keep track of academic performance, leave records and meet with parents when required. In addition, they educate the students about the college rules and facilities that they can avail.

COUNSELLING & GUIDANCE

The college stresses on the holistic development of its students. To achieve this objective, the college has a counselling department. Counselling provides guidance and assistance to students, gives them a space to talk about their concerns and explore difficult feelings in a safe environment.

PARENT - TEACHER MEETING

St. Joseph's College of Commerce works together with the parents of the students to ensure that the education of their wards is in line with their expectation. Parent-teacher meetings allow for the institution to understand the concerns of the parents and address them, while also helping them understand the ethos of the college. Their support is an integral part of the educational mission of our college and thus, this interaction provides for better understanding of the stakeholders' views.

SCHOLARSHIP & FREESHIP

The Institution believes that life is lived well when it is lived generously in the service of others. The Jesuits believe that lack of financial resources should not hinder one's pursuit of education. They have always given importance to empowering the marginalized and provide financial aid to those that deserve to pursue their education and achieve their dreams.

ASSOCIATIONS AND CLUBS

The college encourages students to hone and develop their skills in music, dance, art, literature, theatre and photography.

Students are encouraged to participate in fests of various colleges. Training programmes, workshops, seminars, poetry slams etc are conducted for students to develop their talents.

SPORTS AND GAMES

The college has a keen eye to spot and nurture potential sports students and to give them the right training and exposure to develop their skills. Students are encouraged to participate in sports and become part of the official college team.

STUDENT COUNCIL

The Student Council is an elected body at SJCC and it manages student affairs and contributes to the welfare of the student community. The Student Council coordinates all the cultural activities of the college and encourages extracurricular activities among the students and is a forum for citizenship training and development of leadership skills.



FACULTY



Dr. Charles Lasrado, SJ
Principal
M.Com, MBA, M.Phil, JRF and PhD
Areas of Interest –Financial
Econometrics, Time Series Analysis



Dr. Jhumur Samaddar Roy
Head of the Department
CTET, PGD, MPhil, MA, MBA,
B.Ed and NET
Areas of interest: Economics, Econometrics,
Psychology, Operations Research and
Statistics



Ms. Sneha S. Rai
Co-Ordinator Data Analytics
M.Sc. (Mathematics), PGDCA,
MBA, NET and currently pursuing
PhD at University Of Mysore
Areas of interest: Mathematics.
Operations Research and Statistics



Mr. Vinay Pradeep .C
Co-Ordinator Mathematics
MSc (Mathematics), KSET and currently
pursuing PhD at VTU
Areas of interest: Applied Mathematics,
Operations Research, Statistics, Programming
and Data Analytics



Dr. A.M. Sheela
Assistant Professor
M.A. (Economics), Ph.D (Economics)
Areas of interest: Economics Women
Studies and social science



Dr. Jincy Mathew M
Assistant Professor
MA, Ph.D, NET, K-SET, Advanced
Diploma Program in Computer
Training (ADPCT)



Dr. Shanu N Nazar
Assistant Professor
M.A, B.Ed, NET, PhD
Areas of interest: Economics,
Econometrics and Statistics



Ms. Shivani Giri
Assistant Professor
PhD in Economics (Pursuing)



Mr. Ashbel Mathew Kurian
Assistant Professor
B.A English(Hons), MCA

Programme Specifications

Programme	B.Sc. (Economics, Mathematics and Data Analytics)
Admission Criteria	<p>Applicants are selected through a holistic admission process based on:</p> <ul style="list-style-type: none"> » X and XII grade marks » Subject knowledge assessment and personal interview round » Additional information provided in application » Extra curricular activities
Minimum eligibility for application	<ul style="list-style-type: none"> » It is essential for all candidates seeking admission to the 1st year of the degree programme to have completed 12 years of schooling through an examination conducted by a Board/University. Students must have passed exams at +2 level (ISC/CBSE/ other state boards/ International Board/Karnataka PU Board) in any stream from any recognized boards from India or abroad. » Candidates must have completed Mathematics or Statistics courses in both 11th and 12th grade, as it is an essential requirement for applying to the B.Sc. (Economics, Mathematics and Data Analytics) programme. This is necessary because the programme relies heavily on essential quantitative skills for data analysis and economic modeling.





ADMISSION PROCEDURE

Applicants for B.Sc. (Economics, Mathematics and Data Analytics) at SJCC can apply through online application available in the college website. www.sjcc.edu.in

Scan or click: QR code



SJCC AT A GLANCE



3400+
STUDENTS



UNDERGRADUATE
88%



MASTERS/DOCTORAL
12%



150+
FACULTY



10,000+
ALUMNI NETWORK
WORLD-WIDE



21 13 UNDERGRADUATE PROGRAMMES | 03 POSTGRADUATE PROGRAMMES | 5 PGDM PROGRAMMES



09 BJES Institutions



ACCREDITATION & RANKINGS



Granted
Autonomy by
University Grants Commission



Accredited with "A++" Grade by
National Assessment and
Accreditation Council



Top Commerce Colleges in India



THE WEEK Hansa Research Survey
of Best Colleges 2021



Best Commerce Colleges in India



163, Brigade Road,
Bengaluru, Karnataka - 560025

For admission, contact:

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