

## **M.A. Economics (Business Analytics)**

---

The College has been offering M.A. Economics from the academic year 2016-17. In addition to M.A. in Economics, Symbiosis College of Arts and Commerce is offering a new specialisation i.e. **M.A. in Economics with Business Analytics from the Academic Year 2022-23** to equip the students to cope up with the challenges posed by Industry 4.0. This programme is in association with the Institute of Analytics (IoA). The IoA is a professional body for Analytics and Data Science professionals in the UK.

Business analytics as a specialisation aims to introduce students to big data and immerse them in analytics for business applications. Students who study this program are expected to have developed skills to describe and predict business situations and make informed business decisions based on data.

Though the need for manpower with business analytics skills has been increasing at an exponential rate, the supply is low as of now. In an increasingly competitive and interconnected world, companies prefer candidates with the ability not just to crunch numbers but also to understand the data and use it for making strategic decisions to leverage performance as also to deal with fast paced changing business scenarios. Therefore, the employment opportunities for students who possess these skills are immense.

### **M.A. Economics (Business Analytics)**

#### **Eligibility**

The student who has passed any degree of this University or any other recognized University shall be admitted to M.A. in Economics (Business Analytics) programme. Having the knowledge of Quantitative Analysis would be an added advantage for the students studying this program.

#### **Procedure for seeking admission**

- The number of seats will be 60 inclusive of both the specialisations (excluding NRI & Foreign quota)
- Admission will be made on the basis of merit. Merit lists will be drawn in accordance with the provisions of Admission Policy of the college.
- The Programme will commence subject to the minimum enrolment of students.

## Exit Rules

Once admitted, student cannot leave the programme in between

## Faculty

The courses will be taught by the faculty of the Department of Economics and Department of Banking and Finance along with the Guest Faculty who fulfils the norms of the UGC Regulations on Minimum Qualifications for the Teachers 2010 and other rules prescribed by UGC and SPPU from time to time in this regard.

In case of special circumstances, the professionals and experts will be invited whenever required.

## Programme details

M.A. Economics (Business Analytics) will be of Two years' duration consisting of Two parts. i.e. Part I comprising of two semesters and Part II comprising of Two Semesters. The entire programme thus comprises of Four Semesters in all with a total of 80 credits.

## Structure of the Programme

Part	Year	SEMESTER	SEMESTER
Part- I	First year	Semester – I	Semester – II
Part- II	Second year	Semester – III	Semester – IV

**Course Credit Scheme Semester Wise:**

<b>M.A. Part I Semester 1</b>				
Core	3	4	3*4	12
(Interdisciplinary)	1	4	1*4	4
Discipline Specific Subject	1	4	1*4	4
				20

<b>M.A. Part I Semester 2</b>				
Core	3	4	3*4	12
(Interdisciplinary)	1	4	1*4	4
Discipline Specific Subject	1	4	1*4	4
				20

**M.A. Part II Semester 3**

Core	2	4	2*4	8
Research	1	4	1*4	4
(Interdisciplinary)	1	4	1*4	4
Discipline Specific Subject	1	4	1*4	4
				20

**M.A. Part II Semester 4**

Core	2	4	2*4	8
Research	1	4	1*4	4
Master Thesis (Research)	1	4	1*4	4
Discipline Specific Subject	1	4	1*4	4
				20

The students will study 1 paper per Semester i.e total 4 papers related to Business Analytics along with the other papers with Economics specialisation.

## M.A. ECONOMICS (BUSINESS ANALYTICS)

Semester wise list of Courses	SEMESTER I	SEMESTER II	SEMESTER-III	SEMESTER IV
<b>Core 1</b>	Applied Microeconomics	Applied Macroeconomics	Dynamics of Economic Growth and Development	Rationale for Public Finance and Policies
<b>Core 2</b>	Mathematical Methods for Economic Analysis	Computer Applications & Statistical Methods for Economic Analysis	Applied Econometrics	Global Political Economy: Implications on Trade and Policies
<b>Core 3</b>	Transformation of India as a Global Economic Power	Behavioural and Experiential Economics	-	-
<b>Interdisciplinary</b>	Human Rights: The Tussle between Practice and Theory	The Demon Haunted World- Understanding Science	Clipped Wings Yet Soaring High: Censorship & Creativity	-
<b>Research Component</b>	-	-	Research Methodology in Humanities	E- Learning & Application of Software Training Tools for Research
<b>Research Component</b>	-	-	-	Master Thesis
<b>Discipline Specific Subject</b>	Data Visualization (Tableau Advanced Excel and Powe BI)	R Programming and Python	Machine Learning & Artificial Intelligence	Big Data

- The student will get the added advantage of combining M.A. in Economics with Business Analytics.
- Business Analytics would add value and help the student to differentiate.
- This program gives the students a chance to have a career with a global appeal.
- Business Analytics will make students credible enough to stand out in the arena of analytics and showcase them as someone capable to work as a Business Analyst.

## Revised M.A. Structure -2022-2023

### Credits, Examination and Evaluation Scheme:

- The total credits of the Programme will be 80 credits.
- Each course will carry 4 credits,
- Each course will be of 100 marks.
- There will be 40-60 pattern of evaluation:
- The students will have to undergo continuous assessment and therefore will be evaluated as follows:
  - 40 marks will be for internal evaluation consisting of mid semester projects and assignments.
  - 20 Marks Mid Semester MCQ Exam out of 40 Internal marks.
  - 60 marks will be allotted for external evaluation i.e. Final Semester End Examination.

### Master Thesis:

**Master Thesis** is compulsory for all the students of M.A. Economics with Business Analytics. Students will be required to write their Master Thesis based on the research area selected by the student under the guidance of the **Guide/ Faculty**. The viva -Voce will be conducted at the end of 4th Semester before the final Examination. There will be an Internal and External Examiner appointed by the college.

### Internship:

All the students of M.A. Economics with Business Analytics should complete an internship of minimum of 2 months' duration with an Academic (Research) Institute/NGO/firm during the summer vacation before joining the program in the third Semester.

Evaluation Pattern: Students will have to submit the following reports:

1. Weekly reports of the Internship carried out- 10 Marks
2. Final Report- 20 Marks
3. Presentation and Viva- Voce- 20 Marks