Programme: B.Sc Honours (Mathematics)

B.Sc Honours (Mathematics) is a 4-year duration undergraduate programme that deals with the discipline of mathematics along with the analysis of numbers. The focus is also on mathematical structure, transition, and space. Students have career options in the field of analytics, software development, and banks after BSc Honours (Mathematics).

BSc Honours (Mathematics) programme is one of the best programmes for those who want to enhance their awareness regarding Mathematics concepts. The BSc Mathematics syllabus includes 19 courses comprising Algebra, Vector Calculus, Solid Geometry, Graph Theory, Complex Analysis, Real Analysis, Differential Equations, Laplace Transforms, among many others.

What is BSc Honours (Mathematics)?

BSc Honours (Mathematics) is a 4 year undergraduate academic degree programme offered to those graduates who have successfully completed a program in mathematics in +2 stage. The minimum eligibility to pursue BSc Mathematics is a 10+2 qualification.

BSc Honours (Mathematics) Jobs & Career Options

BSc Honours (Mathematics) graduates can get employed easily within the organizations immediately after completing their studies. Some of the most sought, working areas for the BSc Mathematics graduates in leading organizations include:

Besides the above-mentioned sectors, there are many other sectors that hunt for the eligible who have completed BSc Honours (Mathematics).

The table below describes some of the few job positions that can be considered by the BSc Mathematics graduates along with the Average Salary Scale:

Job Position	Job Description	Average Annual Salary
Mathematician	The mathematicians will be able to expand their knowledge in different areas like algebra and geometry using new rules, theories, and concepts. They are supposed to apply mathematical theories and derivatives while solving practical problems arising that arise in day to day business.	INR 2 to 3 Lakhs
Data Analyst	Data Analyst's job is to translate numbers into plain English so that it can become understood to others. Businesses collect data like sales figures, market research, logistics, or transportation costs and prepare their strategies accordingly. The Data Analysts help the companies in making better business decisions	INR 5 to 6 Lakhs
Numerical Analyst	Numerical Analysts are supposed to apply their knowledge and skills of math and numerical operations while solving monetary and risk management problems in a company.	INR 4 to 5 Lakhs
Cryptanalyst	They are responsible for creating, setting, and considering algorithms that are designed to solve number theory problems. Their main work is to encode messages to conceal data from outside sources	INR 2 to 4 Lakhs

BSc Honours (Mathematics) Scope

The demand for the BSc Honours (Mathematics) graduates is increasing day by day and the graduates can explore a wider career opportunity across different fields. The Banking, Finance, Insurance, Risk Management sector hunt for the qualified graduates in this field who can help in making their business more successful. Pursuing a course in BSc Mathematics is useful for the graduates to get lucrative job opportunities that give them a smart salary as well.

The industries they can join post completing the course includes:

- Research
- Academia

- Technical institutes
- Software Development Companies
- Banks
- Psephology
- Intelligence Bodies
- Banking
- Finance
- Insurance
- Risk Management
- Universities
- Scientific Institutes

After completing BSc Honours (Mathematics) the students can opt for higher studies like MCA, MBA, MSc Computer Science, MSc Mathematics as well. There are quite a few postgraduate courses available that can be opted.

B.Sc Honours (Mathematics) Admission Process

Admissions to B.Sc Honours (Mathematics) are done on the basis of merit. The government of Andhra Pradesh notifies the admission process and asks registration for convener quota of 21 seats. The remaining 09 seats will be in management quota. For management quota consult the college office or use chat bot for enquiry.

B.Sc Honours (Mathematics) Eligibility

Students who wish to pursue B.Sc Honours (Mathematics) courses should fulfil the following eligibility criteria in order to get through colleges offering B.Sc Honours (Mathematics) course,

- Students should clear class 12th board exams with Mathematics as one of the subjects.(MPC, MEC and MBiPC)
- They should clear their class 12th board exams from a recognized board

Proposed Minor courses

Statistics/Computer Science