

Parvathaneni Brahmaya
Siddhartha College of Arts and Science, Vijayawada
(Autonomous)

Programme: BSc Honours (Electronics)

BSc Honours (Electronics) is a 4-year specialized course for students who are seeking to get an undergraduate degree in the fundamentals of electronics.

BSc Honours (Electronics) is a popular course among the students of science stream. BSc Honours (Electronics) syllabus is designed in such a way that it trains the students to understand the basic nuances of electronic gadgets and helps in getting jobs easily in the market. The BSc Honours (Electronics) syllabus includes a wide range of several specialized subjects and topics such as Analog electronics, Data structure, Digital electronics, Communication Systems, Microprocessor or Microcontroller and several other related subjects. The students have to study all these important courses throughout the duration of the course. The aspirants who have successfully completed their higher secondary degree from a recognized board of education are eligible to apply for the BSc Electronics admissions. BSc Electronic course is opted by maximum students because of the increasing job opportunities in this sector immediately after completion of the course.

Students who have successfully completed their higher secondary degree from a recognized board of education are eligible for the BSc Electronics admissions. However, the eligibility might change depending upon the institution.

BSc Honours (Electronics) Job Prospects and Career Options

- After completing **BSc Honours (Electronics)**, students will get plenty of opportunities in various job sectors.
- Various job profiles such as- Service engineer, Broadcast and Sound Technician, Electronic Sales Manager, Electronics and Communication Consultant, Electronics Technician, Technical Leader, Project Manager, Manufacturing Head, etc are available for the BSc graduates to apply for.
- Jobs are available in both the public and private sectors. Some of the top recruiting companies are - Havells, Sanmina, Hindustan Aeronautics Limited Avalon, Centum, and Videocon.

Some of the common **BSc Honours (Electronics) Job profiles** along with their description are given in the table below.

Service Engineer	The service engineers need to travel to remote areas to maintain and repair electronic and mechanical equipment.	INR 2 to 3 Lacs
Broadcast and Sound Technician	Broadcast and sound technicians are in charge of operating, setting up, and maintaining the electrical devices for radio or television concerts, sound recordings, broadcasts and movies, and in school and office buildings.	INR 3 to 4 Lacs
Electronic Sales Manager	Electronic Sales Managers are responsible to assist customers in searching for what they require, and they also can help to improve a store's sales by providing information about the items or products to consumers.	INR 4 to 5 Lacs
Electronics and Communication Consultant	Electronics and communication consultants are responsible for working in the zone of public relations and help, maintaining and managing the public picture of an individual as well as a group.	INR 3 to 4 Lacs
Electronics Technician	Electronics Technicians are responsible to work in factories and various industrial settings, where they service manufacturing devices through performing general inspections, maintenance, repairs, and troubleshooting tasks.	INR 1 to 3 Lacs

BSc Honours (Electronics) Scope

- After completing BSc in electronics, students have options to either go for higher studies or apply for a suitable job position.
- The option for pursuing higher studies will benefit the student in the long run as it would add more value and knowledge to their career.
- Since there is a huge demand for electronics and communications in the market, so the graduates will find a lot of job opportunities across various sectors.
- The demand for good analytical skills is very high, so this course prepares students accordingly.
- In higher studies, students can pursue **MSc Electronics** and further pursue Ph.D. After completing masters, students can go for academic jobs in various colleges and universities.

B.Sc Honours (Electronics) Admission Process

Admissions to B.Sc Honours (Electronics) are done on the basis of merit. The government of Andhra Pradesh notifies the admission process and asks registration for convener quota of 17 seats. The remaining 08 seats will be in management quota. For management quota consult the college office or use chat bot for enquiry.

B.Sc Honours (Electronics) Eligibility

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

- Students should clear class 12th board exams with MPC/BiPC.
- They should clear their class 12th board exams from a recognized board

Proposed Minor courses

Physics/Computer Science