

## **B.Sc. (Non-Medical)**

### **ABOUT THE COURSE**

B.Sc. (Non-Medical) is an integrated undergraduate course run by the School of Basic and Applied Sciences under New Education Policy. This course covers different domains of Physics, Chemistry and Mathematics. Various generic elective, skill enhancement and value added courses have been added for the overall development of the student's personality. The course focuses to provide strong foundations in fundamentals as well as advanced level, keeping in view the syllabus recommended by UGC. The course gives the student freedom to have multiple entry and exit levels. A student can opt for exit after completing 1 year with certificate in the discipline or field chosen for vocational training, after completing 2 years of study with diploma, and Bachelor's degree in Science after 3 years of study. If the student further continued for the fourth year, Bachelor's Honours/Honours (Research) program is offered which provide opportunity to experience the full range of holistic and multidisciplinary education in a particular subject as per the student's preference. This four-year program may also lead to a degree with Research, if the student completes a rigorous research project in the major area(s) of study and direct admission to the 3<sup>rd</sup> semester of the respective Masters Course. Various job oriented skill enhancement courses have been added. This course gives a scope of developing analytical and critical thinking. In addition to classroom teaching, the department offers a wide range of extracurricular events throughout the year, including webinars, conferences, workshops, lab visits, educational tours, and guest lectures by renowned scientists.

**COURSE DURATION** : 3 + 1 years.

### **ELIGIBILITY**

Candidates should have passed **10+2 higher secondary exam** with **Physics, Chemistry and Mathematics** as main subjects with a minimum of 50% marks (45% for SC/ST) in aggregate from recognized state or central board of examination.

**COURSE FEE**: 20,000/- INR per semester

### **KEY FEATURES**

- Well qualified, experienced, and motivated faculty members.

- Good infrastructure, Wifi secured Campus
- Syllabus in accordance with UGC.
- Wide exposure to Industries, Research labs etc.
- Well-equipped practical laboratories.
- Field trips, seminars and workshops.
- Well updated library with exposure to books, audio visual aids, and e-contents etc
- Sports, NSS, Scout and Guide program
- Different cultural, literary events and competitions.

### **CAREER OPPORTUNITIES**

There is a bright career after doing B.Sc. (NM) course. A candidate with B.Sc. (NM) degree can flourish in various distinct professions as per the choice. He can opt for a master's degree in any of the core subjects studied. Other options for B.Sc. (NM) graduates are:

- Teaching at university level (After Master's & PhD)
- Teaching at school level (After B. Ed)
- Research & Development
- Healthcare
- Laboratory Technician
- IT Companies
- Defense Services
- Electronic Industries
- Material Industries
- Robotics
- Medicinal Plants

- Banking
- Administrative services