The School of Physical Sciences (SoPS) was established in 2015 with the aim of generation and dissemination of knowledge and building capacities of human resource in the field of natural and applied sciences. The school consists of four departments:

- Department of Physics
- Department of Chemistry
- Department of Mathematics
- Department of Computer Science

**Vision**

- To become a centre of excellence in the field of science to be at par with the international standards.
- To create and disseminate knowledge through teaching and research in natural and applied sciences.

**Mission**

- To build foundation for excellence among its students and researchers.
- To provide a strong platform for research in basic and applied sciences.
- To cultivate the sense of pioneering spirit and innovative thinking around disciplinary domains.
- To develop the capacities of students in the areas of science education, research, industrial applications and entrepreneurship

**Emerging areas of research**

With an energetic and highly qualified faculty, the SoPS envisions to focus its research on the following emerging areas of science and technology:

- Nanoscience and Nanotechnology
- Energy harvesting applications of Semiconducting Nanostructures
- Nano and Molecular Catalysis, Organic Synthesis
- Computational Materials Science
- Mathematical Modelling
- Approximation theory
- Reliability Analysis and Optimization
- Pattern Recognition, Signal Processing, Optimization Techniques
- Image Processing and Analysis
List of Programmes

Eligibility / Other Details

B.Sc. (Hons) / M.Sc. Integrated Physics / Chemistry / Mathematics / Computer Science
Masters in Physics (with specialization in Opto-electronics)
Masters in Mathematics
Ph.D. in Chemistry  Ph.D. in Physics  Ph.D. in Mathematics  Ph.D. in Computer Science

Eligibility:
- B.Sc. (Hons) / M.Sc. Integrated Physics / Chemistry / Mathematics / Computer Science:
  10+2 with Physics, Chemistry and Mathematics (Minimum 50 % marks) from a recognized Board of Secondary Education. (45 % for SC/ST from Uttarakhand).
- Masters in Physics (with specialization in Opto-electronics):
  Graduate in Science from a recognized University (established/approved by UGC) with Physics as an elective subject (Minimum 50 % marks, & 45% for SC/ST from Uttarakhand.
- Masters in Mathematics:
  Graduate with mathematics as one of the subject (Minimum 50 % marks from a recognized University (established/approved by UGC). (45% for SC/ST from Uttarakhand)
- Ph.D. in Chemistry  Ph.D. in Physics  Ph.D. in Mathematics:
  Masters Degree from a recognized University (established/approved by UGC) with minimum 55% of marks or equivalent OGPA in relevant subject.
  The candidates already having a Ph.D. degree or appearing in PhD. entrance test of UGC/CSIR/UGC net or equivalent to having received a Ph.D. degree, or having a total of 6.0 or above grade points on the 10-point scale in refereed journal are exempted from appearing in entrance test; however, they are required to appear for Interview.
- Ph.D. in Computer Science:
  The admission in PhD program is based on the merit held in the university entrance test followed by an interview.
  The candidates already having a Ph.D. degree or appearing in PhD. entrance test of UGC/CSIR/UGC net or equivalent to having received a Ph.D. degree, or having a total of 6.0 or above grade points on the 10-point scale in refereed journal are exempted from appearing in entrance test; however, they are required to appear for Interview.