DEPARTMENT OF MATHEMATICS
CHAUDHARY DEVI LAL UNIVERSITY, SIRSA
(Established by the State Legislature Act 9 of 2003)

DEPARTMENT PROFILE

The Department of Mathematics is one of the four departments under the faculty of Physical Sciences of Chaudhary Devi Lal University, Sirsa. The department came into existence in the year 2004 with the introduction of M.Sc. (Mathematics) course. Since its inception the department has been sharing the vision of the University in striving for excellence in research and teaching activities.

Presently, the department is offering M.Sc. (Mathematics)-2 year course under regular scheme and M.Sc. (Mathematics)-5 year Integrated Course under self finance scheme along with the Ph.D. program in Mathematics. The curriculum taught at M.Sc. Level is as per standards set by UGC and comparable with the universities of high repute in the country. The courses in Mathematics are designed to equip the students with advanced level of training in Mathematics as well as sufficient exposure to computer fundamentals and programming. The students of 5-year integrated program get the degree of B.Sc.(Hons.) in Mathematics after successful completion of the first module of the course in three years.

The Ph.D. research program is being run in the department and the major thrust area is the field of Applied Mathematics. The Department conducts the research programs in the fields of solid Mechanics, Mechanics of Continuous Media, Wave Propagation etc. which are useful in various interdisciplinary fields of interest like Geophysics, Seismology, Earthquake engineering, Structural engineering, Biomechanics, Electrical engineering, Mechanical engineering, etc.

i) Vision

To achieve the highest standards of excellence in teaching and research in the fields related to Mathematics by promoting the applications of Mathematics to solve out real life problems using advanced techniques.

ii) Mission

To develop

- an understanding of Mathematics and its applications
- the ability to reason and communicate mathematically as well as to assimilate new mathematical ideas
- research activities so as to build productive connection between academic and non-academic communities
- an appreciation of Mathematics as a driving force in society, culture and history

iii) Objectives

- To provide a platform to the students to exploit their academic potentials and teaching skills.
- To promote cooperation and inter-disciplinary relationships with other teaching and research organizations.
- To arrange conferences, seminars and workshops for the promotion of research and development in the field of Mathematics.