Institute of Science and Technology (IoST)

Institute of Science and Technology (IoST) is one of the oldest and the largest technical institutes in TU with 13 Central Departments, 23 constituent campuses and 48 affiliated campuses. Nepal has a history of nine decades of science teaching/learning at the higher level. Several schemes, plans, policies and implementation strategies have been experimented in science education. This institute has come to the present form after facing many challenges and preparing scientifically oriented technical manpower of different levels to meet the requirements of the nation. It is capable to compete with universities at regional and global levels in terms of curriculum and pedagogic standards.

A large number of students work on scientific research projects of varied nature at the postgraduate (M.Sc.) level. The number of scholars doing Ph.D. in different areas is also increasing every year. Collaborative exchange programmes in science have been given a priority. IoST and the Central Departments have linkages and coordination with different ministries and national/ international organizations and academic institutions. Students' enrollment at B.Sc, B.Tech, M.Sc, M. Tech. levels is increasing annually.

Vision and Objectives

By setting up well-equipped laboratories, employing skilled manpower, and providing advisory services in science and technology in close collaboration with national and international agencies, IoST intends to promote the quality of its departments and develop them as Centers of excellence. Ultimately, it aims at creating a scientific culture in the society and improving the quality of life of the people.

The major objectives of IoST are as follows :

- To provide facilities for research in science and technology in priority area;
- To implement and introduce new subjects in science and technology at different departments;
- To develop high-skilled man power and to enhance the strength of national human resources;
- To mobilize resources for development;
- To start international coordination programmes for training, research and development with a view to eliminate poverty of Nepal by using indigenous and local technology;
- To organize seminars, workshops, conferences at all levels; and
- To publish the findings of research in Journal of Science and Technology, (JIST) of IOST

Programmes of IOST

a) Bachelor's Level (B.Sc. Programmes)

1. B.Sc.
2. B.Tech
3. B.Sc. CSIT
4. B.Sc. (Tea Technology and Management)
5. B.Sc. (Nutrition and Dietitics)

b) Master's Level (M.Sc./M.Tech. Programmes)

1. M.Sc.
2. M.Tech.
3. M.Sc. CSIT
4. M.Sc. Math (Semester System)
5. M.Sc. Microbiology (Semester System)

c) Ph.D.

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