(Faculty of Life Sciences)

Program Outcomes for M.Sc. Programme

PO1: Postgraduates with varied but interrelated and interdisciplinary academic background will be produced to serve the mankind through dissemination of their knowledge and learning in the both basic and applied/novel disciplines of life sciences.

PO2: Students will acquire a combination of theoretical, conceptual, analytical, experimental knowledge and skills in both basic and applied areas of life sciences and will contribute to the scientific and technological developments in the life sciences for the welfare of mankind and society.

PO3: Students will be able to have a strong research aptitude, pursue independent research and contribute to the growth and development of emerging skill oriented areas of life sciences.

PO4: The students would acquire the ability to recognize the impact of knowledge, to identify, define and analyze problems related to life sciences and to explore viable means to solve the problems by applying their skills and knowledge to initiate their own start ups or professional entrepreneurships in the related areas.

PO5: Students will be able to make observations and collect data both in laboratory and in the field courses and analyze the results, derive conclusions and report their findings in the form of research papers, project reports and policy documents.

PO6: Students will be able to communicate effectively with the scientific community and the society at large, regarding the issues related to floral, faunal and microbial diversity, agriculture, health and human well being, food safety and environment sustainability etc. through their acquired ability to comprehend and write effective reports, presentations and counseling.

Programme Outcomes for Ph.D. in Life Sciences

PO1: Students will be able to develop a thorough understanding of the different areas of life sciences. They will be able to frame the hypothesis, define the research questions and design their experiments.

PO2: Students will gain in-depth knowledge and skills needed to apply scientific research methods independently and critically and to produce new scientific knowledge within field of biological sciences.

PO3: Students will attain professional and leadership qualities and enrich their employability in government organizations, private sectors and non government organizations.

PO4: Students will be able to contribute in policy making and strategic planning of emerging and important issues in both basic and applied areas of life sciences.

PO5: Students will be able to carry out independent research work in different areas of life sciences and will be able to provide useful recommendations based on their research findings.

PO6: Students will be able to communicate effectively and defend their scientific findings by presenting research to local, regional, national and international scientific community through publications and presentations.