

# **APPENDIX I**

## **1. Biotechnology**

Bio-Technology, Microbiology, Bio-Chemistry, Microbial Gene Technology, Plant Molecular Biology & Biotechnology, Botany, Agriculture, Plant Biotechnology, Industrial Biotechnology, Genetics & Plant Breeding, Zoology, Environmental Biotechnology, Biomedical Genetics, Applied Microbiology, Medical Microbiology, Applied Zoology, Animal Biotechnology, Pharmaceuticals, Agriculture Biotechnology

## **2. Computational Biology & Bioinformatics**

Masters Degree from any of the following Faculties:

Applied Sciences and Technology, Science, Engineering & Technology, Agriculture, Medicine

## **3. Environmental Sciences**

### **a) M.Sc.**

Environmental Science, Environmental Management, Environmental Technology, Environmental Science and Technology, Life Science, Botany, Zoology, Biochemistry, Chemistry, Industrial Chemistry, Biotechnology, Microbiology, Forestry, Geology, Marine Geology, Geophysics, Marine Biology, Industrial Fish and Fisheries, Climate Change and Disaster Management, Environmental Science and Disaster Management, Disaster Management, Atmospheric Sciences, Meteorology, Climate Change, Oceanography, Environmental Chemistry, Agriculture Science, Forestry, Environmental Biotechnology, Nanotechnology, Geography.

### **b) M.Tech**

Environmental Engineering, Hydraulics Engineering, Geotechnical Engineering

### **c) M.Sc /M.Tech**

Geoinformatics Remote Sensing, GIS, Remote Sensing

## **4. Futures Studies**

Masters Degree from any of the following Faculties:

Applied Science and Technology, Science, Engineering & Technology, Social Sciences, Commerce, Management, Agriculture, Medicine, Education

## **5. Microbiology**

Microbiology, Soil Microbiology, Fishery Microbiology, Biotechnology, Virology, Agricultural Microbiology, Genetic Engineering, Molecular Biology, Food Microbiology, Veterinary Microbiology, Environmental Microbiology, Medical Microbiology, Dairy Microbiology, Marine Microbiology, Marine Biotechnology, Applied Microbiology, Industrial Microbiology

## **6. Optoelectronics**

### **a)M.Sc**

Optoelectronics, Photonics, Biophotonics, Nanophotonics, Electronics, Physics, Applied Physics, Materials Sciences, Nanoscience & Nanotechnology

### **b)M.Tech**

Photonics, Optoelectronics, Electronics (All branches like - Signal Processing, Communication, Instrumentation, Robotics, Microelectronics, MEMS), Electrical and Electronics, Physics, Applied Physics, Materials Science, Nanoscience and Nanotechnology, Computer Science (Signal Processing, Image processing, Machine learning), Biomedical Engineering, Laser Technology, Applied Optics, Solid State Technology, Material Engineering

## **7. Technology Management**

Masters Degree from any of the following Faculties:

Applied Science & Technology, Engineering & Technology

MBA with specialization in Technology Management or Business Analytics.

Sd/-

**Prof.( Dr).K.S.ANIL KUMAR  
REGISTRAR**