

SRI DURGA MALLESWARA SIDDHARTHA MAHILA KALASALA, VIJAYAWADA-10

An Autonomous college in jurisdiction of Krishna University, A.P., India

B.SC. HONOURS (AQUACULTURE TECHNOLOGY)



B.Sc. Honours Aquaculture Technology is a four-year undergraduate programme. It deals with the Science of aquatic life which is not only about fish but also about the principles and practices of aquaculture, including breeding, feeding, and harvesting aquatic organisms, managing aquatic environments, and marketing aquatic products. The program typically includes a combination of classroom lectures, laboratory experiments, and hands-on training. The student with this course can work in private sector and government sector organisations.

ABOUT B.Sc. HONOURS AQUACULTURE TECHNOLOGY PROGRAMME:

- A student pursuing this course is likely to bag a job as an aquaculture consultant, Associate Research Scientist, Assistant Technical Manager, and Relationship Manager in Marine Product Export Development Authority, Export Inspection Agency, Coastal Aquaculture Authority of India, Food Safety and Standards Authority of India among others for research work.
- There are ample job opportunities and a number of fields where an aquaculture expert can work. From the education sector to the research or business sector, students after completion of this course are in demand everywhere. There are decent jobs in conservation, health, harvesting, sustainability, marketing of aquatic flora and fauna.
- The job opportunities for students with BSc Aquaculture are not limited to the private sector but also expand in the government sector as well. After BSc Aquaculture completion, one can work in government organizations, research institutes, government agencies, schools, colleges, and universities. Aquaculture research at both centre and state level are conducted by students with specialisation.
- Students can work as Aquaculture Consultant, Associate Research Scientist, Asst. Technical Manager, Relationship Manager, Teacher & Lecturer etc.
- Eligible for Post graduate programme in Aquaculture, Aquatic Biology & Fisheries, Coastal Aquaculture, Fishery Science and Aquaculture, Industrial Fisheries Limnology and Fisheries, Marine Biology and Fisheries, Zoology, Marine Biotechnology
- Students who want to pursue further studies can opt for MSc, MPhil and then PhD in the same field. Higher Studies in the same course will brush up the knowledge of a student and will develop a more research thinking.
- After successful completion of course student can start their own start-up companies like ornamental fish breeding units, fish pathology labs, chitosan preparation units, isinglass preparation units, RAS culture, Composite fish culture, Aquarium management on small scale basis through the knowledge acquired.

JOB PROFILES AFTER COMPLETION OF B.Sc. HONOURS AQUACULTURE TECHNOLOGY:

After completing B.Sc. Honours Aquaculture Technology from any recognized institution of India, candidates have several career opportunities in different job profiles like:

- ❖ Aquaculture Consultant
- ❖ Associate Research Scientist
- ❖ Asst. Technical Manager
- ❖ Aqua culturist

- ❖ Marketing Manager
- ❖ As faculty in various educational institutions
- ❖ Aquaculture lab technician
- ❖ ICAR officer
- ❖ Fisheries Extension Officer
- ❖ Fisheries Biologist
- ❖ Fishery Manager
- ❖ Fishery Development Officer
- ❖ Fishery Protection Officer
- ❖ Processing units
- ❖ Quality control

TOP RECRUITERS AFTER OF B.Sc. HONOURS AQUACULTURE TECHNOLOGY:
PRIVATE SECTOR

- ❖ Godrej Agrovvet Pvt.Ltd
- ❖ Genesis biosciences IBRC Pvt.Ltd
- ❖ Omics Labs
- ❖ Milatronics Pvt.Ltd
- ❖ Avanti feeds
- ❖ Arca Aqua Pvt.Ltd
- ❖ BKMN hatcheries

GOVERNMENT SECTOR

- ❖ ICAR
- ❖ MPEDA
- ❖ FFDA

PROPOSED MINOR COURSES

- ❖ Botany
- ❖ Zoology
- ❖ Biochemistry
- ❖ Microbiology
- ❖ Food Science and Technology
- ❖ Chemistry
- ❖ Computer Science