

M.Sc. in Coastal Pharmaceutical Sciences

M.Sc. in Coastal Pharmaceutical Sciences is a two-year postgraduate program that focuses on the discovery, development, and application of pharmaceutical compounds derived from coastal and marine resources. The program integrates pharmaceutical sciences, marine biology, biotechnology, medicinal chemistry, and natural product research to explore bioactive compounds from marine organisms for the prevention and treatment of diseases.

Students gain comprehensive knowledge of marine pharmacology, drug discovery, pharmaceutical biotechnology, analytical techniques, quality assurance, formulation development, and regulatory affairs. The curriculum combines classroom learning with laboratory training, research projects, field studies, and industry exposure to prepare graduates for careers in pharmaceutical research, biotechnology, marine healthcare, and the nutraceutical industry.



CAREER OPPORTUNITIES

- Pharmaceutical Research Scientist
- Marine Drug Discovery Researcher
- Pharmaceutical Analyst
- Quality Assurance and Quality Control Officer
- Clinical Research Associate
- Biotechnologist

KEY HIGHLIGHTS

Duration: 2 Years (4 Semesters)

Eligibility: B.Sc. Chemistry, B.Sc. Agriculture, B.Sc. Life Science, B.Sc. Botany, B.Sc. Zoology, B.Sc. Microbiology, B.Sc. Bio Technology, B.Sc. Bio Chemistry, B.Sc. Marine Biology, B.Sc. Health Science, B.Sc. Food Science, Food Technology/ Nutrition, B.Sc. Nursing / Allied Health Sciences, B. Pharm / Pharmaceutical Sciences, B.E./B.Tech Agriculture/ Biotechnology/ Bio Medical/ Food Technology.

Mode: Full-Time

Practical Exposure:

Advanced laboratory training, marine sample analysis, pharmaceutical research, internships, and field visits to coastal and marine research facilities.

Core Areas:

Marine Pharmacology, Natural Product Drug Discovery, Pharmaceutical Biotechnology, Medicinal Chemistry, Analytical Instrumentation, Marine Toxicology, Quality Control, and Regulatory Affairs.

- Marine Biotechnology Specialist
- Formulation Development Scientist
- Regulatory Affairs Executive
- Academician or Lecturer
- Research Associate in Marine and Pharmaceutical Laboratories



ADMISSIONS
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