

**Name of the Programme:** M.Sc. Marine Biotechnology

**Course Code:** MBT - 602

**Title of the Course:** SCUBA DIVING

**Number of Credits:** 2

**Effective from AY:** 2022-23

<b>Pre-requisites for the Course:</b>	Students must know to swim 200 meters (any style) and be able to float 10 minutes	
<b>Course Objectives:</b>	Skill-based course with an objective to: 1. Familiarize divers with knowledge, procedures, techniques, and problems of underwater diving. 2. Appreciate and preserve marine life .	
<b>Content:</b>	<p style="text-align: center;"><b><u>MODULE I</u></b></p> Dive Theory <ol style="list-style-type: none"><li>1. Introduction</li><li>2. Diving equipment</li><li>3. Physics</li><li>4. Physiology</li><li>5. Planning dives</li><li>6. Executing dives</li><li>7. The underwater world</li><li>8. Scuba experience and beyond</li></ol>	<b>No. of hours</b>  15
	<p style="text-align: center;"><b><u>MODULE II</u></b></p> Practicals (Total 4 dives) <ul style="list-style-type: none"><li>● 2 sessions of pool training for skills</li><li>● 2 days of 2 sea dives each - skills and pleasure dives</li></ul>	15
<b>Pedagogy:</b>	Lectures, tutorials, practical onsite training	
<b>References/ Readings:</b>	<ol style="list-style-type: none"><li>1. PADI Open Water Diver Manual PADI publisher, 2015.</li><li>2. D. Graver, Scuba Diving. Human Kinetics Publishers, 2016.</li><li>3. S. Cole, and M. Brandon, Reef Life: A Guide to Tropical Marine Life Firefly Books Ltd, 2013.</li></ol>	
<b>Course</b>	<ol style="list-style-type: none"><li>1. The students will be able to study the marine biodiversity.</li></ol>	

<b>Outcomes:</b>	<ol style="list-style-type: none"><li>2. They will be able to carry out underwater surveying and understand the human and environmental impact on marine life.</li><li>3. Collection of underwater marine samples.</li><li>4. Students will become licensed divers and can enrol for the advanced scuba diving course.</li></ol>
------------------	--

[\(Back to top\)](#)