

IOI Ocean Academy (India) Course

**Ocean Literacy: Know Your Planet Beyond the Land**

Dates 22/03/2022 to 04/04/2022

Session will be conducted virtually (Zoom meeting or Microsoft Teams)

	Times	Themes and topics
<b>Day 1</b>	<b>Welcome and Introduction to the Programme and Course Concept</b>	
<b>22<sup>nd</sup> March</b>	30 mins	This section should include a brief introduction to the International Ocean Institute, its vision and mission and why such a course is being offered.
	<b>Part 1: Our One Ocean - a place of wonder, beauty and danger, and of critical importance to life on earth.</b>	
	<b>Description of the world Ocean in simple terms</b>	
	100 mins	Status of knowledge of the marine environment; Ocean layers, currents, temperatures and the delicate ecosystems and habitats supporting the world's fisheries (eg mangroves, sea grass beds, coral reefs etc); climate (heat transfer etc) etc
	20 mins	Interactive session
<b>Day2</b>	<b>Description of the goods and services provided by the Ocean</b>	
<b>23<sup>rd</sup> March</b>	100 mins	living and non-living resources; maritime highway of global trade, ports and harbours; climate modulation and carbon sink; new discoveries in the Ocean depths; the 'value' of Ocean goods and services – Blue Capital/Blue Economy, etc
	20 mins	Interactive session
<b>Day 3</b>	<b>Description of the threats to the Ocean</b>	
<b>24<sup>th</sup> March</b>	100 mins	human influence on the Ocean; pollution (including noise, plastics); Ocean acidification; resource over exploitation inc living & non-living (eg: overfishing, seabed mining), loss of habitat and biodiversity; climate change impacts on marine ecosystems etc
	20 mins	Interactive session
<b>Day 4</b>	<b>Living with the Ocean</b>	
<b>25<sup>th</sup> March</b>	100 mins	sea-level rise, coastal erosion, extreme weather events, hazards to coastal cities, etc.
	20 mins	Interactive session

<b>Day 5</b>	<b>Part 2: Governing Our Ocean – a delicate balancing act: meeting our needs sustainably, and for the benefit of all, today and in the future.</b>	
<b>28<sup>th</sup> March</b>	<b>Concepts of Sustainability</b>	
	100 mins	Economy vs environment vs society; economic models; the Sustainable Development Goals (SDGs), etc
	20 mins	Interactive Session
<b>Day 6</b>	<b>Ocean Governance and Law of the Sea.</b>	
<b>29<sup>th</sup> March</b>	100 mins	Concept of national maritime zones and areas beyond national jurisdiction.
	20 min	Interactive Session
<b>Day 7</b>	<b>Governing global commons</b>	
<b>30<sup>th</sup> March</b>	100 mins	Rights and duties within areas of national jurisdiction; the common heritage of Humankind.
	20 mins	Interactive Session
<b>Part 3: Local or Audience-Relevant Topic/s;</b>		
<b>Day 8</b>	<b>Introduction of India Coastal region</b>	
<b>31<sup>st</sup> March</b>	100 mins	India has a coastline of 8,118 km, with an exclusive economic zone (EEZ) of 2.02 million sq km and a continental shelf area of 468,000 sq km, spread across 10 coastal States and seven Union Territories, including the islands of Andaman and Nicobar and Lakshadweep.
	20 mins	
<b>Day 9</b>	<b>Ocean Biodiversity of India</b>	
<b>1<sup>st</sup> April</b>	100 mins	The marine ecosystem is home to the richest and most diverse faunal and floral communities
	20 mins	Interactive session
<b>Day 10</b>	<b>Part 4: What next on this matter? Conclusion and the way forward</b>	
<b>4<sup>th</sup> April</b>	60 mins	Bringing the argument full circle with moderated discussions and engagement on the topic during the class. Paths forward in empowering the audience in terms of application of knowledge received. Etc.,
	30 mins	Knowledge Assessment Test
<b>Total Time</b>	<b>1200mins 20hr</b>	