

Climate change: Impact and Management (1+0), AEM 504

<u>Sl.No.</u>	<u>Theory Class</u>	No. of Class
1.	Weather vs Climate, basic concepts	1
2.	Greenhouse effect & radiative balance	1
3.	Climatic migration & impact on women	1
4.	Carbon sequestration & carbon trading	1
5.	Projected trends of climate change & climate-related disasters	1
6.	Climate change – concept & causes	1
7.	Impacts on aquatic ecosystems	1
8.	Impact on capture & culture fisheries	1
9.	Carbon footprint in fisheries & aquaculture	1
10.	Ocean acidification & global ocean circulation	1
11.	El Niño and Southern Oscillation (ENSO)	1
12.	IPCC reports & global climate governance	1
13.	UNFCCC, Kyoto Protocol & politics of climate change	1
14.	Climate change adaptation & mitigation concepts	1
15.	Vulnerability assessment methods	1
16.	Mitigation and adaptation strategies in fisheries	1
17.	Climate-resilient aquaculture & climate smart villages	1
18.	NICRA programme	1
	Total Class	18