

<b>Government Polytechnic, Mandi Adampur</b>		
Name of Faculty: Sh. Balinder Singh		
Discipline: Electronics		
Semester: 5		
Subject: Environmental Education		
Lesson Plan Duration: 18 Weeks		
<b>Week</b>	<b>Theory</b>	
	<b>Lecture Day</b>	<b>Topic</b>
<b>Week 1</b>	Day 1	<b>1. Definition, Scope</b>
	Day 2	and Importance of Environmental Education
	Day 3	<b>Test Unit 1</b>
<b>Week 2</b>	Day 4	<b>2. Basics of ecology</b>
	Day 5	biodiversity,
	Day 6	eco system and sustainable development
<b>Week 3</b>	Day 7	<b>Test Unit 2</b>
	Day 8	<b>3. Sources of pollution - natural</b>
	Day 9	Sources of pollution - natural
<b>Week 4</b>	Day 10	and manmade
	Day 11	manmade
	Day 12	causes,
<b>Week5</b>	Day 13	causes,
	Day 14	effects and control measures of pollution
	Day 15	(air, water, noise, soil, radioactive
<b>Week 6</b>	Day 16	and nuclear)
	Day 17	and their units of measurement
	Day 18	their units of measurement
<b>Week 7</b>	Day 19	<b>Test Unit 3</b>
	Day 20	<b>4. Solid waste management – Causes,</b>
	Day 21	Solid waste management – Causes
<b>Week 8</b>	Day 22	effects and control measures of urban
	Day 23	effects and control measures of urban
	Day 24	and industrial waste
	Day 25	industrial waste
	Day 26	<b>Test Unit 4</b>
	Day 27	<b>5. Mining and deforestation – Causes</b>
<b>Week 10</b>	Day 28	Mining and deforestation – Causes
	Day 29	effects
	Day 30	and control measures
<b>Week 11</b>	Day 31	<b>Test Unit 5</b>
	Day 32	<b>6. Environmental Legislation - Water (prevention and control of pollution) Act 1974,</b>
	Day 33	Environmental Legislation - Water (prevention and control of pollution) Act 1974,
<b>Week 12</b>	Day 34	Air (Prevention and Control of Pollution) Act 1981
	Day 35	Air (Prevention and Control of Pollution) Act 1981
	Day 36	and Environmental Protection Act 1986,

<b>Week 13</b>	Day 37	Environmental Protection Act 1986,
	Day 38	Role and Function of State Pollution Control Board
	Day 39	Role and Function of State Pollution Control Board
<b>Week 14</b>	Day 40	Environmental Impact Assessment (EIA)
	Day 41	<b>Test Unit 6</b>
	Day 42	7. Role of Non-conventional Energy Resources (Solar Energy,
<b>Week 15</b>	Day 43	Wind Energy
	Day 44	Bio Energy,
	Day 45	Hydro Energy)
<b>Week 16</b>	Day 46	<b>Test Unit 7</b>
	Day 47	8. Current Issues in Environmental Pollution – Global Warming
	Day 48	Green House Effect, Depletion of Ozone Layer
<b>Week 17</b>	Day 49	Recycling of Material
	Day 50	Environmental Ethics
	Day 51	Rain Water Harvesting
<b>Week 18</b>	Day 52	Maintenance of Groundwater
	Day 53	Acid Rain, Carbon Credits
	Day 54	<b>Test Unit 8</b>