

**Department of Environmental Sciences  
Central University of Jammu**

**Revised Course Matrix**

**SEMESTER-I (2015-16)**

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	<b>CORE COURSES</b>					
PGEVS1C001T	Environmental Chemistry	4	25	25	50	100
PGEVS1C002T	Principles of Ecology	4	25	25	50	100
PGEVS1C003T	Fundamentals of Earth Science	4	25	25	50	100
PGEVS1C004L	Lab Course-I	4	40	-	60	100
	<b>ELECTIVE COURSES (ANY ONE)</b>					
PGEVS1E005T	Natural Resource Management	4	25	25	50	100
PGEVS1E006T	Solid Waste Management	4	25	25	50	100
PGEVS1E007T	Environmental Geoscience	4	25	25	50	100
	<b>FOUNDATION COURSES</b>					
PGEVS1F008T	Environmental Awareness, Planning and Laws	2	12.5	12.5	25	50
<b>Total</b>		<b>22</b>				<b>550</b>

**SEMESTER-II (2015-16)**

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	<b>CORE COURSES</b>					
PGEVS2C001T	Instrumentation and Analytical Techniques	4	25	25	50	100
PGEVS2C002T	Mountain Ecology	4	25	25	50	100
PGEVS2C003T	Energy Resources	4	25	25	50	100
PGEVS2C004L	Lab Course-II	4	40	-	60	100
	<b>ELECTIVE COURSES (ANY ONE)</b>					
PGEVS2E005T	Biodiversity and its Conservation (pre-requisite PGEVS1E005T)	4	25	25	50	100
PGEVS2E006T	Energy from Wastes/By-products, and Biofuels (pre-requisite PGEVS1E006T)	4	25	25	50	100
PGEVS2E007T	Geochemistry (pre-requisite PGEVS1E007T)	4	25	25	50	100
	<b>FOUNDATION COURSES</b>					
PGEVS2F008T	Mitigation and Management of Natural and Man-Made Disasters	2	12.5	12.5	25	50
<b>Total</b>		<b>22</b>				<b>550</b>

**SEMESTER-III (2016-17)**

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	<b>CORE COURSES</b>					
PGEVS3C001T	Environmental Technology	4	25	25	50	100
PGEVS3C002T	Environmental Pollution and Control	4	25	25	50	100
PGEVS3C003T	Atmospheric Science and Climate Change	4	25	25	50	100
PGEVS3C004L	Lab Course-III	4	40	-	60	100
	<b>FOUNDATION COURSE</b>					
PGEVS3F005T	Remote Sensing and GIS	2	12.5	12.5	25	50
	<b>INTERDISCIPLINARY COURSE</b>					
PGEVS3I006T	Introduction to Ecology and Environmental Sciences	4	25	25	50	100
<b>Total</b>		<b>22</b>				<b>550</b>

**SEMESTER-IV (2016-17)**

Course Code	Course Title	Credit	CIA	MSE	ESE	Total Marks
	<b>CORE COURSES</b>					
PGEVS4C001T	Environmental Impact Assessment	4	25	25	50	100
PGEVS4C002T	Environmental Management System	4	25	25	50	100
PGEVS4C003T	Aquatic Ecosystems	4	25	25	50	100
PGEVS4C004D	Dissertation	8	-	-	200	200
	<b>FOUNDATION (ELECTIVE) COURSE</b>					
PGEVS4F005T	Concepts of Ecotoxicology	2	12.5	12.5	25	50
	<b>INTERDISCIPLINARY COURSE (ANY ONE)</b>					
PGEVS4I006T	Environmental Policies, Laws and Ethics	4	25	25	50	100
PGEVS4I007T	Current Environmental Issues and Concerns					
<b>Total</b>		<b>26</b>				<b>650</b>