

Academic Plan for 2023-24								
Department of Environmental Science, Netaji Nagar College for Women								
Semester	Month	Paper	Unit with Name	Name of Teacher	No. Of Lectures_Theory	No. Of Lectures_Practical	Field Visits	Other Activities
1	July	MDC1	Unit-1: Basic concepts of Environmental Science	Souravi Bardhan	3			
			Unit-2: Climatic zones	Anindita Majumdar	3			
	August	Unit-1: Basic concepts of Environmental Science	Moumit Roy Goswami	4				
		Unit-1: Basic concepts of Environmental Science	Souravi Bardhan	2				
		CLASS TEST	Souravi Bardhan	1				
		Unit-2: Climatic zones, Unit-3: Living matter and approach to evolutionary biology	Anindita Majumdar	4				
		CLASS TEST	Anindita Majumdar	1				
		Unit-1: Basic concepts of Environmental Science, Unit-3: Living matter and approach to evolutionary biology	Moumit Roy Goswami	6				
		CLASS TEST	Moumit Roy Goswami	1				
		Unit-4: Global Environmental Issues	Souravi Bardhan	4	4			
	September	Unit-3: Living matter and approach to evolutionary biology	Anindita Majumdar	4				
		Unit-3: Living matter and approach to evolutionary biology	Moumit Roy Goswami	5				
		Unit-4: Global Environmental Issues	Souravi Bardhan	3	4			
		Unit-3: Living matter and approach to evolutionary biology	Anindita Majumdar	4				
	November	CLASS TEST	Moumit Roy Goswami	1				
		Unit-4: Global Environmental Issues	Souravi Bardhan	2	2			Wall Magazine Inauguration
CLASS TEST		Anindita Majumdar	1					
December	CLASS TEST	Souravi Bardhan	1					
	University Examination (Theoretical, Practical)							
1	July	SEC 01	Unit 1: Environmental Literacy	Souravi Bardhan	3			
			Unit 4: Environmental movements	Anindita Majumdar	4			
	August	Unit 2: Societal view of the environment	Moumit Roy Goswami	4				
		CLASS TEST	Souravi Bardhan	1				
		Unit 4: Environmental movements	Anindita Majumdar	4				
		Unit 2: Societal view of the environment	Moumit Roy Goswami	4				
		Unit 3: Environmental Problems: global perspectives	Souravi Bardhan	4				
		Unit 2: Societal view of the environment	Moumit Roy Goswami	4				
		CLASS TEST	Moumit Roy Goswami	1				
		Unit 3: Environmental Problems: global perspectives	Souravi Bardhan	2				
	September	Unit 4: Environmental movements	Anindita Majumdar	5				
		Unit 2: Societal view of the environment	Moumit Roy Goswami	4				
		Unit 3: Environmental Problems: global perspectives	Souravi Bardhan	3				
		CLASS TEST	Moumit Roy Goswami	1				
	October	Unit 4: Environmental movements	Anindita Majumdar	2				
		Unit 3: Environmental Problems: global perspectives	Souravi Bardhan	2				
CLASS TEST		Souravi Bardhan	1					
November	Unit 4: Environmental movements	Anindita Majumdar	2					
	Unit 3: Environmental Problems: global perspectives	Souravi Bardhan	2					
December	CLASS TEST	Souravi Bardhan	1					
	CLASS TEST	Anindita Majumdar	1					
	University Examination (Theoretical, Practical)							
1	July	CVAC 01	Unit 1: Introduction to Environmental Studies	Moumit Roy Goswami	3			
			Unit 5: Environmental Pollution	Souravi Bardhan	3			
	August	Unit 2: Ecology and System	Anindita Majumdar	3				
		Unit 3: Natural Resources	Moumit Roy Goswami	2				
		Unit 5: Environmental Pollution	Souravi Bardhan	2				
		Unit 2: Ecology and System	Anindita Majumdar	2				
	September	Unit 3: Natural Resources	Moumit Roy Goswami	1				
		Unit 5: Environmental Pollution	Souravi Bardhan	2				
	October	Unit 2: Ecology and System	Anindita Majumdar	2				
		Unit 3: Natural Resources	Souravi Bardhan	2				
		Unit 4: Biodiversity Conservation	Anindita Majumdar	4				
	November	Unit 3: Natural Resources	Souravi Bardhan	1				
Unit 4: Biodiversity Conservation		Anindita Majumdar	3					
December		University Examination (Theoretical, Practical)						
*Practical includes Practicals, Project works, Report preparation, Presentations								
Semester	Month	Paper	Unit with Name	Name of Teacher	No. Of Lectures_Theory	No. Of Lectures_Practical	Field Visits	Other Activities
3	July	CC5	Unit1: Introduction to Ecology	Anindita Majumdar	8	2		
			Unit 5: Biogeochemical cycles and nutrient cycling	Moumit Roy Goswami	2			
			Class Test	Anindita Majumdar	1			

	August		Unit1: Introduction to Ecology, Unit 2: Population Ecology	Anindita Majumdar	9	2			
			Class Test	Anindita Majumdar	1				
	September		Unit 5: Biogeochemical cycles and nutrient cycling	Moumit Roy Goswami	2		Field study in ecology		
			Unit 3: Community Ecology	Anindita Majumdar	6	2			
			Class Test	Anindita Majumdar	1				
	October		Class Test	Moumit Roy Goswami	1	2			
			Unit 4: Ecosystem ecology	Anindita Majumdar	6				
	November		Unit 5: Biogeochemical cycles and nutrient cycling	Moumit Roy Goswami	2			Wall Magazine Inauguration	
			Unit 4: Ecosystem ecology	Anindita Majumdar	10	2			
			Class Test	Anindita Majumdar	1				
	December		University Examination (Internal Assessment, Theoretical, Practical)						
3	July	CC6	Unit 1: Basic Concepts of Microbiology, Unit 4: Ecologically safe products and processes	Moumit Roy Goswami	12	2			
			Class Test	Moumit Roy Goswami	1				
	August		Unit 2: The Structure and Function of DNA, RNA and Protein	Moumit Roy Goswami	9	2			
			Class Test	Moumit Roy Goswami	1				
	September		Unit 3: Recombinant DNA Technology,	Moumit Roy Goswami	8	2			
	October		Unit 3: Recombinant DNA Technology, Unit 5: GMs and GMOs	Moumit Roy Goswami	3				
			Class Test	Moumit Roy Goswami	1				
	November		Unit 4: Biotechnology of Solid waste and solid waste treatment	Moumit Roy Goswami	14	4			
			Class Test	Moumit Roy Goswami	1				
	December		University Examination (Internal Assessment, Theoretical, Practical)						
3	July	CC7	Unit 1: Global energy balance, Unit 5: Ozone layer depletion	Souravi Bardhan	8	1			
			Class Test	Souravi Bardhan	1				
	August		Unit 3: Meteorology and atmospheric stability	Souravi Bardhan	13	4			
			Class Test	Souravi Bardhan	1				
	September		Unit 2: Atmospheric circulation	Souravi Bardhan	11	2			
			Class Test	Souravi Bardhan	1				
	October		Unit 5: Ozone layer depletion	Souravi Bardhan	3				
	November		Unit 4: Global warming and climate change	Souravi Bardhan	11	3			
			Class Test	Souravi Bardhan	1				
	December		University Examination (Internal Assessment, Theoretical, Practical)						
3	July	SECA2	Unit 1	Anindita Majumdar	6				
			Class Test	Anindita Majumdar	1				
	August		Unit 1	Anindita Majumdar	6				
			Class Test	Anindita Majumdar	1				
	September		Unit 2	Anindita Majumdar	6				
			Class Test	Anindita Majumdar	1				
	October		Unit 2	Anindita Majumdar	4				
	November		Unit 3	Anindita Majumdar	4				
			Class Test	Anindita Majumdar	1				
	December		University Examination (Internal Assessment, Theoretical, Practical)						
3	July	GE/CC3	Unit 4: Air Chemistry:	Souravi Bardhan	3				
			Unit 1: Basics of General Chemistry	Moumit Roy Goswami	8	2			
	August		Unit 4: Air Chemistry:	Souravi Bardhan	4				
			Class Test	Moumit Roy Goswami	1	1			
			Unit 2: Basics of Chemical Equilibrium and Kinetics, Unit 6: Chemistry of Heavy metals:	Moumit Roy Goswami	11	3			
	September		Unit 5: Soil Chemistry	Moumit Roy Goswami	7				
	October		Class Test	Moumit Roy Goswami	1				
	November		Unit 4: Air Chemistry:	Souravi Bardhan	4				
			Unit 3: Water Chemistry:	Moumit Roy Goswami	9	4			
			Class Test	Souravi Bardhan	1				
			Class Test	Moumit Roy Goswami	1				

	December		University Examination (Internal Assessment, Theoretical, Practical)					
3	July	GE/SEC3-A1	Unit 1: Fundamental rights and duties in Indian Constitution; Policies related to	Moumit Roy Goswami	7			
			Class Test	Moumit Roy Goswami	1			
	August		Unit 2: Environmental legislation	Moumit Roy Goswami	9			
			Class Test	Moumit Roy Goswami	1			
	September		Unit 3: Environmental Audit	Moumit Roy Goswami	5			
	October		Class Test		1			
	November		Unit 4: EIA	Moumit Roy Goswami	5			
			Class Test	Moumit Roy Goswami	1			
	December		University Examination (Internal Assessment, Theoretical, Practical)					
			*Practical includes Practicals, Project works, Report preparation, Presentations					
Semester	Month	Paper	Unit with Name	Name of Teacher	No. Of Lectures_Theory	No. Of Lectures_Practical	Field Visits	Other Activities
5	July	CC11	Unit 1: Biodiversity patterns and estimation	Anindita Majumdar	5	2		
			CLASS TEST	Anindita Majumdar	1			
			Unit 5: Biodiversity in India	Moumit Roy Goswami	3			
	August		Unit 2: Importance of biodiversity	Souravi Bardhan	2			
			Unit 5: Biodiversity in India	Moumit Roy Goswami	3			
			Unit 1: Biodiversity patterns and estimation, Unit 3: Threats to biodiversity	Anindita Majumdar	8	2		
			CLASS TEST	Moumit Roy Goswami	1			
			Unit 2: Importance of biodiversity	Souravi Bardhan	2			
	September		Unit 3: Threats to biodiversity,	Anindita Majumdar	5			
			Unit 5: Biodiversity in India	Moumit Roy Goswami	2			
	October		Unit 2: Importance of biodiversity	Souravi Bardhan	3	4		Biodiversity assessment in local field work
			Unit 4: Conservation of biodiversity	Anindita Majumdar	5			
			CLASS TEST	Souravi Bardhan	1			
			CLASS TEST	Anindita Majumdar	1			
	November		CLASS TEST	Moumit Roy Goswami	1	2		Wall Magazine Inauguration
			Unit 4: Conservation of biodiversity	Anindita Majumdar	6			
			CLASS TEST	Anindita Majumdar	1			
	December		University Examination (Internal Assessment, Theoretical, Practical)					
5	July	CC12	Unit 1: History of life on Earth	Anindita Majumdar	8	1		
			CLASS TEST	Anindita Majumdar	1			
			Unit 2: Evolution of unicellular life	Moumit Roy Goswami	3	2		
	August		Unit 1: History of life on Earth	Anindita Majumdar	8			
			Unit 2: Evolution of unicellular life	Moumit Roy Goswami	4	2		
			CLASS TEST	Moumit Roy Goswami	1			
	September		Unit 3: Geography of evolution	Moumit Roy Goswami	5			
			Unit 5: Fundamentals of population genetics	Anindita Majumdar	4	2		
	October		Unit 5: Fundamentals of population genetics	Anindita Majumdar	2			
			CLASS TEST	Anindita Majumdar	1			
	November		Unit 4: Molecular evolution	Moumit Roy Goswami	6	2		
			CLASS TEST	Moumit Roy Goswami	1			
			Unit 5: Fundamentals of population genetics	Anindita Majumdar	6	1		
	December		University Examination (Internal Assessment, Theoretical, Practical)					
5	July	DSE A1	Unit 1: Energy resources	Moumit Roy Goswami	11	1		
			Class Test	Moumit Roy Goswami	1			
			Unit 4: Our energy future	Souravi Bardhan	4			
	August		Unit 2: Energy demand	Moumit Roy Goswami	6	3		
			Unit 3: Energy, environment and society	Moumit Roy Goswami	8			
			Class Test	Moumit Roy Goswami	1			
			Unit 4: Our energy future	Souravi Bardhan	4			
	September		Unit 3: Energy, environment and society	Moumit Roy Goswami	4	4		
			Unit 4: Our energy future	Souravi Bardhan	6			
	October		Unit 3: Energy, environment and society	Moumit Roy Goswami	2			
			Class Test	Moumit Roy Goswami	1			
	November		Unit 4: Our energy future	Souravi Bardhan	1	2		
			Class Test	Souravi Bardhan	1			
	December		University Examination (Internal Assessment, Theoretical, Practical)					

5	July	DSE B1.2	Unit 1: Epidemiology and Health	Souravi Bardhan	5			
			Class Test	Souravi Bardhan	1			
			Unit 3: Concept of Immunology	Moumit Roy Goswami	2			
August			Unit 2: Concept of Disease	Souravi Bardhan	7	2		
			Class Test	Souravi Bardhan	1			
			Unit 3: Concept of Immunology	Moumit Roy Goswami	4			
September			Unit4: Community and Health, Unit 2: Concept of Disease	Souravi Bardhan	4	4		
			Unit 3: Concept of Immunology	Moumit Roy Goswami	5			
			Class Test	Moumit Roy Goswami	1			
October			Unit 5: Basic Concept of Toxicology	Souravi Bardhan	12			
			Class Test	Souravi Bardhan	1			
November			Unit 5: Basic Concept of Toxicology	Souravi Bardhan	6	4		
			Class Test	Souravi Bardhan	1			
December			University Examination (Internal Assessment, Theoretical, Practical)					
5	July	GE/ DSE A1	Unit 1: Energy resources,	Moumit Roy Goswami	10	2		
	August		Unit 2: Energy demand,	Moumit Roy Goswami	10	3		
			CLASS TEST	Moumit Roy Goswami	1			
September			Unit 3: Energy Resource Management	Moumit Roy Goswami	9	3		
October			Unit 4: Energy Audit	Moumit Roy Goswami	9			
			CLASS TEST	Moumit Roy Goswami	1			
November			Unit 3: Energy Resource Management	Moumit Roy Goswami	9	2		
			CLASS TEST	Moumit Roy Goswami	1			
December			University Examination (Internal Assessment, Theoretical, Practical)					
			*Practical includes Practicals, Project works, Report preparation, Presentations					