

DEPARTMENT OF ENVIRONMENTAL SCIENCE
ACADEMIC PLAN 2024-24

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 Barshan	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 Barshan	2					
		CLASS TEST	Souravi Barshan	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					
		September	Unit-4: Global Environmental Issues	Souravi Barshan	4		4		
			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				
		October	Unit-4: Global Environmental Issues	Souravi Barshan	3		4		
			Unit-3: Living matter and approach to evolutionary biology	Anindita Majumdar	4				
	Unit-3: Living matter and approach to evolutionary biology		Moumit Roy Goswami	1					
	November	Unit-4: Global Environmental Issues	Souravi Barshan	2		2		Wall Magazine Inauguration	
		CLASS TEST	Anindita Majumdar	1					
		CLASS TEST	Souravi Barshan	1					
	December			University Examination (Theoretical, Practical)					
	1	July	SEC 01	Unit-1: Environmental Literacy	Souravi Barshan	3			
				Unit-4: Environmental movements	Anindita Majumdar	4			
		August	Unit-2: Societal view of the environment	Moumit Roy Goswami	4				
			CLASS TEST	Souravi Barshan	1				
Unit-4: Environmental movements			Anindita Majumdar	4					
Unit-2: Societal view of the environment			Moumit Roy Goswami	4					
September			Unit-3: Environmental Problems: global perspectives	Souravi Barshan	2				
			Unit-2: Societal view of the environment	Moumit Roy Goswami	4				
			CLASS TEST	Moumit Roy Goswami	1				
October			Unit-3: Environmental Problems: global perspectives	Souravi Barshan	2				
			Unit-4: Environmental movements	Anindita Majumdar	5				
			Unit-2: Societal view of the environment	Moumit Roy Goswami	4				
November			Unit-3: Environmental Problems: global perspectives	Souravi Barshan	3				
			CLASS TEST	Moumit Roy Goswami	1				
		Unit-4: Environmental movements	Anindita Majumdar	2					
December				Unit-3: Environmental Problems: global perspectives	Souravi Barshan	2			
				CLASS TEST	Souravi Barshan	1			
				University Examination (Theoretical, Practical)					
1		July	CVAC 2.D	Unit-1: Introduction to Environmental Studies	Moumit Roy Goswami	3			
				Unit-5: Environmental Pollution	Souravi Barshan	3			
		August	Unit-2: Ecology and System	Anindita Majumdar	3				
			Unit-2: Natural Resources	Moumit Roy Goswami	2				
			Unit-5: Environmental Pollution	Souravi Barshan	2				
			Unit-2: Ecology and System	Anindita Majumdar	2				
	September		Unit-3: Natural Resources	Moumit Roy Goswami	1				
			Unit-5: Environmental Pollution	Souravi Barshan	2				
			Unit-2: Ecology and System	Anindita Majumdar	2				
	October		Unit-3: Natural Resources	Souravi Barshan	2				
			Unit-4: Biodiversity Conservation	Anindita Majumdar	4				
			Unit-2: Natural Resources	Souravi Barshan	1				
	November				Unit-4: Biodiversity Conservation	Anindita Majumdar	1		
					Unit-2: Natural Resources	Souravi Barshan	3		
	December			Unit-4: Biodiversity Conservation	Anindita Majumdar	3			
				Unit-2: Natural Resources	Souravi Barshan	3			
				University Examination (Theoretical, Practical)					
				Practical includes Practicals, Project work, Report preparation, Presentations					

Academic Plan for 2024-25									
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	
3	July	MDC3	Unit 1, Part A: Fundamentals of Environmental Chemistry	Moumit Roy Goswami	4	3			
			Unit 3: Atmospheric Chemistry	Anindita Majumdar	4				
			Unit 6: Green Chemistry	Souravi Bardhan	4				
			Class Test	Anindita Majumdar	1				
	August			Unit 1, Part A: Fundamentals of Environmental Chemistry	Moumit Roy Goswami	3	1		
				Unit 3: Atmospheric Chemistry	Anindita Majumdar	2			
				Unit 4: Water Chemistry	Anindita Majumdar	4			
				Unit 6: Green Chemistry	Souravi Bardhan	3			
	September			Unit 1, Part B: Fundamentals of Environmental Chemistry	Moumit Roy Goswami	4	2		
				Unit 4: Water Chemistry	Anindita Majumdar	4			
				Unit 4: Soil Chemistry	Anindita Majumdar	3			
				Class Test	Souravi Bardhan	1			
	October			Puja Vacation					
	November			Unit 1, Part B: Fundamentals of Environmental Chemistry	Moumit Roy Goswami	3	2		
				Unit 4: Soil Chemistry	Anindita Majumdar	4			
				Unit 6: Green Chemistry	Souravi Bardhan	4			
				Class Test	Anindita Majumdar	1			
	December			University Examination					
	3	July	CC4	Unit 1, Part A: Fundamentals of Environmental Physics	Moumit Roy Goswami	5	2		
				Unit 2: Basic Atmospheric Physics	Anindita Majumdar	4			
Unit 3: Climatic Sciences				Souravi Bardhan	4				
Class Test				Souravi Bardhan	1				
August				Unit 1, Part A: Fundamentals of Environmental Physics	Moumit Roy Goswami	4	2		
				Unit 2: Basic Atmospheric Physics	Anindita Majumdar	4			
				Unit 3: Climatic Sciences	Souravi Bardhan	5			
				Class Test	Moumit Roy Goswami	1			
September				Unit 1, Part B: Fundamentals of Environmental Physics	Moumit Roy Goswami	5	2		
				Unit 2: Basic Atmospheric Physics	Anindita Majumdar	3			
				Unit 3: Climatic Sciences	Souravi Bardhan	2			
				Class Test	Anindita Majumdar	1			
October				Puja Vacation					
November				Unit 1, Part B: Fundamentals of Environmental Physics	Moumit Roy Goswami	4	2		
				Unit 2: Basic Atmospheric Physics	Anindita Majumdar	3			
				Unit 3: Climatic Sciences	Souravi Bardhan	3			
				Class Test	Moumit Roy Goswami	1			
December				University Examination					
3		July	SEC 03	Unit 1: Green Infrastructure, planning and Economy	Moumit Roy Goswami	4			
				Unit 2: Applications of green technologies	Souravi Bardhan	7			
	Unit 4: Green Future			Anindita Majumdar	3				
	Class Test			Souravi Bardhan	1				
	August			Unit 1: Green Infrastructure, planning and Economy	Moumit Roy Goswami	4			
				Unit 2: Applications of green technologies	Souravi Bardhan	6			
				Unit 4: Green Future	Anindita Majumdar	3			
				Class Test	Moumit Roy Goswami	1			
	September			Unit 1: Green Infrastructure, planning and Economy	Moumit Roy Goswami	3			
				Unit 2: Applications of green technologies	Souravi Bardhan	3			
				Unit 3: Green Chemistry	Souravi Bardhan	3			
				Unit 4: Green Future	Anindita Majumdar	2			
	October			Class Test	Souravi Bardhan	1			
				Puja Vacation					
November			Unit 1: Green Infrastructure, planning and Economy	Moumit Roy Goswami	3				
			Unit 3: Green Chemistry	Souravi Bardhan	4				
			Unit 4: Green Future	Anindita Majumdar	1				
			Class Test	Anindita Majumdar	1				
December			University Examination						

Academic Plan for 2024-25								
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
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		
								Biodiversity assessment in local field work
	October			Unit 2: Importance of biodiversity	Souravi Bardhan	3	4	
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		
			Unit 4: Conservation of Biodiversity	Anindita Majumdar	6			
December			CLASS TEST	Anindita Majumdar	1			
			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 3: 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		
December			Unit 5: Fundamentals of population genetics	Anindita Majumdar	6	1		
			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		
	September			Unit 4: Our energy future	Souravi Bardhan	4	4	
				Unit 3: Energy, environment and society	Moumit Roy Goswami	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			Unit 3: Energy, environment and society	Souravi Bardhan	1			
			University Examination (Internal Assessment, Theoretical, Practical)					
5	July	DSE B1.2	Unit 2: Epidemiology and Health	Souravi Bardhan	5			
			CLASS TEST	Souravi Bardhan	1			
	August			Unit 3: Concept of Immunology	Moumit Roy Goswami	2		
				Unit 2: Concept of Disease	Souravi Bardhan	7	2	
				CLASS TEST	Souravi Bardhan	1		
	September			Unit 3: Concept of Immunology	Moumit Roy Goswami	4		
				Unit4: Community and Health, Unit 2: Concept of Disease	Souravi Bardhan	4	4	
				Unit 3: Concept of Immunology	Moumit Roy Goswami	5		
	October			CLASS TEST	Moumit Roy Goswami	1		
				Unit 5: Basic Concept of Toxicology	Souravi Bardhan	12		
	November			CLASS TEST	Souravi Bardhan	1		
				Unit 5: Basic Concept of Toxicology	Souravi Bardhan	6	4	
December			CLASS TEST	Souravi Bardhan	1			
			University Examination (Internal Assessment, Theoretical, Practical)					
5	July	GE/ DSE A1	Unit 1: Energy resources,	Moumit Roy Goswami	10	2		
			Unit 2: Energy demand,	Moumit Roy Goswami	10	3		
	August			CLASS TEST	Moumit Roy Goswami	1		
				Unit 3: Energy Resource Management	Moumit Roy Goswami	9	3	
	September			Unit 4: Energy Audit	Moumit Roy Goswami	9		
				CLASS TEST	Moumit Roy Goswami	1		
	October			Unit 3: Energy Resource Management	Moumit Roy Goswami	9	2	
				CLASS TEST	Moumit Roy Goswami	1		
	November			Unit 3: Energy Resource Management	Moumit Roy Goswami	9		
				CLASS TEST	Moumit Roy Goswami	1		
	December			Unit 3: Energy Resource Management	Moumit Roy Goswami	9		
				CLASS TEST	Moumit Roy Goswami	1		
			University Examination (Internal Assessment, Theoretical, Practical)					

*Practical Includes Practicals, Project work, Report preparation, Presentations.