The Camford International School

ANNUAL LESSON PLAN 2023-2024

GRADE: 10   **SUBJECT: ARTIFICIAL INTELLIGENCE (417)**

MONTH	CHAPTER NO. AND NAME	DETAIL CONCEPTS TO BE COVERED	PRACTICALS	AIL/AIP
APRIL- 14 DAYS	UNIT-3	ICT SKILLS- II 1. OPERATING SYTEM & BASIC FILE OR FOLDER OPERATIONS. 2. APPLY BASIC SKILLS FOR CARE AND MAINTENANCE OF COMPUTER 3. COMPUTER SECURITY AND VIRUSES	DISCUSSING THE ROLE AND IMPORTANCE OF ICT AND ITS WORKPLACE AND IDENTIFYING VARUIOUS PARTS OF THE COMPUTER	
	UNIT-1	COMMUNICATION SKILLS-II 1. VARIOUS METHODS OF COMMUNICATION 2. PROVIDING AND RECEIVING FEEDBACK 3. COMMUNICATION BARRIERS AND ITS MEASURES	WRITING PROS AND CONS OF THE COMMUNICATION	

MAY 8 DAYS	UNIT-1	COMMUNICATION SKILLS
		   4. PRINCIPLES OF EFFECTIVE COMMUNICATION.
		   5. BASIC WRITING SKILLS
			PERSPECTIVES IN COMMUNICATION WRITING SKILLS	

JUNE 23 DAYS	UNIT-2	SELF MANAGEMENT SKILLS:
		   1. STRESS AND ITS EFFECTS
		   2. STRESS MANAGEMENT TECHNIQUES
		   3. ABILITY TO WORK INDEPENDENTLY
			IDENTIFICATION OF SELF MANAGEMENT SKILLS	

	PART-B:	UNIT-1 : INTRODUCTION TO ARTIFICIAL INTELLIGENCE:
		   1. FOUNDATIONAL CONCEPTS OF ARTIFICIAL INTELLIGENCE
		   2. BASICS OF ARTIFICIAL INTELLIGENCE
		   3. APPLICATIONS OF ARTIFICIAL INTELLIGENCE
		   4. ARTIFICIAL INTELLIGENCE ETHICS
			READING A DETAILED ABOUT THE USAGE OF THE ARTIFICIAL INTELLIGENCE	CREATING A PRESENTATION BASED ON AI APPLICATIONS BASED IN REAL LIFE AND RELATING WITH TAMILNADU & JAMMU KASHMIR.

JULY 24 DAYS	UNIT -2	AI PROJECT CYCLE: 1. PROBLEM SCOPING 2. DATA ACQUISTION 3. DATA EXPLORATION 4. MODELLING & EVALUATION	ACTIVITIES BASED ON THE DATAS AND ANALYSIS	
AUGUST 23 DAYS	UNIT:4 PART-I	DATA SCIENCE: 1. INTRODUCTION TO DATA SCIENCE 2. APPLICATIONS OF DATA SCIENCE 3. AI PROJECT CYCLE FRAMEWORK AND DATA SCIENCE 4. BASIC STATISTICS, DATA EXPLORATION AND VISUALISATION. 5. CLASSIFICATION MODEL UNIT:4 ENTREPRENEURIAL SKILLS: II 1. CHARACTERISTICS OF AN ENTREPRENEUR 2. ROLE AND SIGNIFICANCE OF AN ENTREPRENEUR 3. MYTHS RELATED TO ENTREPRENEURSHIP 4. ENTREPRENEURSHIP AS A CAREER OPTION.	DOING PROGRAMS IN THE DETAILED MANNER	

SEPTEMBER 20 DAYS	UNIT-5 UNIT-6 UNIT-7 PART-I	COMPUTER VISION: 1. INTRODUCTION TO COMPUTER VISION 2. INTRODUCTION TO OPEN CV 3. CONVOLUTION AND CNN NATURAL LANGUAGE PROCESSING 1. INTRODUCTION TO NATURAL LANGUAGE PROCESSING 2. NLP: AI PROJECT CYCLE. 3. HOW NLP WORKS? EVALUATION 1. MODEL EVALUATION UNIT-5 GREEN SKILLS: II 1. UNDERSTANDING SUSTAINABLE DEVELOPMENT 2. IMPORTANCE OF SUSTAINABLE DEVELOPMENT. 3. SUSTAINABLE DEVELOPMENT: CHALLENGES AND SOLUTIONS		CREATING A PRESENTATION BASED ON THE FLOW CONTROLS USING CSV RELATING TO JAMMU KASHMIR & TAMILNADU

OCTOBER 17 DAYS	UNIT-3	PYTHON PROGRAMMING: 1. PYTHON BASICS 2. INTRODUCTION TO TOOLS FOR A.I 3. WORKING WITH NOTEBOOK DOCUMENTS 4. PYTHON LISTS AND TUPLES 5. FLOW CONTROL AND CONDITIONS 6. PYTHON MODULES AND PACKAGES	LEARNING ABOUT THE PYTHON CONCEPTS AND PROGRAMMING	
NOVEMBER 22 DAYS	REVISION AND PREBOARD-EXAMINATION			
DECEMBER 20DAYS	REVISION AND PREBOARD EXAMINATION			
JANUARY 21 DAYS	REVISION AND PREBOARD EXAMINATION			