

<div> <div>One Step In Changing Education Chain...</div> <div> <div>RED & WHITE</div> <div>GROUP OF INSTITUTE</div> </div> </div>										FACULTY NAME																					
										STARTING DATE				D	D	-	M	M	-	Y	Y	GRID									
										ENDING DATE				D	D	-	M	M	-	Y	Y	B. TIME		H	H	:	M	M			
STUDENT NAME																				GOOGLE CLASSROOM CODE											
CORE PYTHON																		TOTAL DAYS: ____ / 53													
LEC.	TOPIC										DATE	P/A	DAY	FEEDBACK		STU. SIGN	FACULTY SIGN														
1	INTRO TO PYTHON - History & Installation of Python - Python Shell & IDLE - First Python Program - Types of Mode to Run Program FUNDAMENTALS OF PYTHON - print() and input() function - Variables, Datatypes & Operators - Type Casting Constructors - id() and type() functions													<table border="1"> <tr><td>A</td><td>B</td></tr> <tr><td>C</td><td>D</td></tr> </table>		A	B	C	D												
											A	B																			
C	D																														
		2																													
PR1	Fundamental Booster												1	____/10																	
2	DATATYPE IN DETAIL - String Formatting & Manipulation - Collection Datatypes with Its Methods - Mutability of list & tuple - Shallow & Deep Copy - List Comprehension - Type Casting and del keyword													<table border="1"> <tr><td>A</td><td>B</td></tr> <tr><td>C</td><td>D</td></tr> </table>		A	B	C	D												
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C	D																														
		2																													
PR2	Collection Manipulator												1	____/10																	
3	CONTROL STRUCTURE - Types of Control Structure - Short Hand Syntax (Ternary) LOOPING - Types of Loops - range() function - Control Statements - Nested Loop													<table border="1"> <tr><td>A</td><td>B</td></tr> <tr><td>C</td><td>D</td></tr> </table>		A	B	C	D												
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C	D																														
		2																													
PR3	Logic Box												2	____/10																	
4	FUNCTION IN DETAIL - Built-in Functions - UDF - *args, **kwargs and __doc__ - Function Recursion - Anonymous / Lambda Function - Return Multiple Values ARRAY & SORTING - 1D & 2D Array with List - Sorting Collection Datatypes													<table border="1"> <tr><td>A</td><td>B</td></tr> <tr><td>C</td><td>D</td></tr> </table>		A	B	C	D												
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C	D																														
		3																													
PR4	Functional Treat												2	____/10																	
5	OBJECT ORIENTED PROGRAMMING (OOP) - Class & Object - self & del keyword - Constructor and Destructor - Encapsulation - Nested Function - Reflection Enabling Functions INHERITANCE & POLYMORPHISM - Types of Inheritance - Method Overloading & Method Overriding - issubclass() and super() - Built-in Dunder Methods - Operator Overloading													<table border="1"> <tr><td>A</td><td>B</td></tr> <tr><td>C</td><td>D</td></tr> </table>		A	B	C	D												
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C	D																														
		4																													
PR5	OOP Wrapper												2	____/10																	

IN FEEDBACK (A = 100% | B = 80% | C = 60% | D = 30%)

6	EXCEPTION HANDLING - try ... except - try ... except ... else - try ... finally - try ... except ... else ... finally - Custom Exception - raise & assert keyword			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A	B										
C	D										
PR6	Exception Killer			1	___/10						
E1	Viva & Examination			1	___/10						
7	FILE HANDLING - Modes of Opening File - CRUD operation with File			1	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A	B										
C	D										
PR7	File Operator			1	___/10						
8	WORKING WITH MODULES - datetime module - time module - math module - random module - operator module - uuid module			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A	B										
C	D										
PR8	Moduler			1	___/10						
9	MODULES AND PACKAGES - Creating, Importing & Renaming Modules - __name__ with __main__ - Creating & Using Package and Sub Packages - dir() and __init__.py			1	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A	B										
C	D										
PR9	Packager			1	___/10						
10	REGULAR EXPRESSION (REGEX) - re module - Getting specific pattern wise data COMMAND LINE ARGUMENT (CLA) - sys module - sys.argv			2	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A	B										
C	D										
PR10	RegEx Commander			1	___/10						
11	PIP – PACKAGE MANAGER & DATABASE INTERACTION (WITH MYSQL) - What is SQL? - SQL Queries - Intro to XAMPP (phpMyAdmin) - CRUD operation with XAMPP (phpMyAdmin) - Downloading and Installing Package - mysql-connector module - CRUD operation with python’s mysql.connector			4	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A	B										
C	D										
PR11	DB Miner			2	___/10						
12	GUI WITH TKINTER - tkinter module - widgets and grid() - Binding Functions - Mouse Clicking Events - messagebox() and PhotoImage()			5	<table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D		
A	B										
C	D										
PR12	Software Combo			5	___/10						
E2	Viva & Final Exam			2	___/100						

NOTE:

- FEEDBACK WILL BE GIVEN BY STUDENTS
- MARKS OUT OF 10 WILL BE GIVEN BY TUTOR

IN FEEDBACK (A = 100% | B = 80% | C = 60% | D = 30%)