

**CSC COMPUTER EDUCATION (P) LTD.** 

Corporate Office : #151/3, South West Boag Road, T.Nagar, Chennai - 600 017. Telephone : 044 - 45901234 Website: www.iteducationjobs.com E-mail : tnagar.csc@gmail.com

## FROM CSC PLACEMENT CELL

DATE: 01-06-2024

As discussed, we need faculty for handling computer class (all chapters) for Government School students (8<sup>th</sup> to 12<sup>th</sup> std) in Chennai.

Qualification required: MSC Computer Science or MCA and attached are the school student chapters for your reference.

Below are the school details for your quick reference.

- Government Hobart Muslim Girls Higher Secondary School (Address: No. 7, Whites Rd, Indira Garden, Royapettah, Chennai, Tamil Nadu 600014)
- GHSS Model School, Saidapet (Address: 26FH+357, Saidapet, Opposite Saidapet Police Station, Saidapet, Chennai, Tamil Nadu 600015)
- Government Muslim Higher Secondary School (Address: 71, Thayar Sahib St, near Quaid e millat masjid, Mount Road, Border Thottam, Padupakkam, Triplicane, Chennai, Tamil Nadu 600002)
- EMAIL : arunakoi@virtusa.com vvaradharajasarma@virtusa.com christinapaulineb@virtusa.com Poojaa@virtusa.com

Regards, Koi Aruna Mobile No. 08125029951

> K.R.GOWRI SHANKAR Head – Placement

۲



۲

**CSC COMPUTER EDUCATION (P) LTD.** 

Corporate Office : #151/3, South West Boag Road, T.Nagar, Chennai - 600 017. Telephone : 044 - 45901234

Website: www.iteducationjobs.com E-mail : tnagar.csc@gmail.com

## **CONTENTS**

CHAPTER No.	CHAPTER TITLE PAGE No.	MONTH
CHAPTER 01	Multimedia01	June
CHAPTER 02	An Introduction to Adobe PageMaker17	June
CHAPTER 03	Introduction to Database Management System57	June
CHAPTER 04	PHP: Hypertext Preprocessor	July
CHAPTER 05	Functions and Arrays in PHP98	July
CHAPTER 06	Conditional Statements in PHP108	July
CHAPTER 07	Loops in PHP	August
CHAPTER 08	Forms and Files	August
CHAPTER 09	Connecting PHP and MYSQL132	August
CHAPTER 10	Introduction to Computer Networks	September
CHAPTER 11	Network Examples and Protocols	September
CHAPTER 12	Domain Name System (DNS)162	October
CHAPTER 13	Network Cabling	October
CHAPTER 14	Open Source Concepts190	October/ November
CHAPTER 15	E-Commerce	November
CHAPTER 16	Eectronic Payment Systems219	November
CHAPTER 17	E-Commerce Security Systems	December
CHAPTER 18	Bectronic Data Interchange- EDI	December
PRACTICALS		



E-book



Assessment

GSTIN: 33AABCC2161J1Z1



**CSC COMPUTER EDUCATION (P) LTD.** 

Corporate Office : #151/3, South West Boag Road, T.Nagar, Chennai - 600 017. Telephone : 044 - 45901234 Website: www.iteducationiobs.com E mail : thagar.csc@gmail.

Website: www.iteducationjobs.com E-mail : tnagar.csc@gmail.com

		Computer Science-II Year		
UNIT NO.	CHAPTER	COMPUTER SCIENCE		
UNIT- I	1	Function	PAGE NO	-
Problem	2	Data Abstraction	1	
Solving	3	Scoping	11	June
Techniques	4	Algorithmic Strategies	21	June Jane
	5	Python -Variables and Operators	31	June
UNIT- II	6	Control Structures	47	Juh
Core Python	7	Python functions	67	July
	8	Strings and String manipulation	89	July
UNIT-III			114	Aug
Modularity	9	Lists, Tuples, Sets and Dictionary	132	Aug
and OOPS	10	Python Classes and objects	170	Aug
UNIT-IV Database	11	Database Concepts	182	Oct
concepts and	12	Structured Query Language (SQL)	198	Oct
MySql	13	Python and CSV files	224	Oct
UNIT-V	14	Importing C++ programs in Python.	259	Oct
Integrating Python with	15	Data manipulation through SQL	278	Nov
MySql and C++	16	Data visualization using pyplot: line chart, pie chart and bar chart	307	Nov
		Glossary	321	
Annexure		List of Python functions	327	
-		Practical Exercises	331	



۲

**CSC COMPUTER EDUCATION (P) LTD.** 

Corporate Office : #151/3, South West Boag Road, T.Nagar, Chennai - 600 017. Telephone : 044 - 45901234

Website: www.iteducationjobs.com E-mail : tnagar.csc@gmail.com

## **Table of Contents**

۲

Chapter No.	Title	Page	Month
	FUNDAMENTALS OF COMPUTER AND WORKING WI	тн а	
1	YPICAL OPERATING SYSTEMS (WINDOWS & LINUX) Introduction to Computers	-1	June
0.50			
2	Number Systems	14	June
3	Computer Organization	41	June
4	Theoretical Concepts of Operating System	50	July
5	Working with Windows Operating System	57	July
	UNIT II-ALGORITHMIC PROBLEM SOLVING		
6	Specification and Abstraction	76	July
7	Composition and Decomposition	88	August
8	Iteration and recursion	102	August
	UNIT III - INTRODUCTION TO C++	10 2	
9	Introduction to C++	115	September
10	Flow of Control	152	September
11	Functions	180	October
12	Arrays and Structures	206	October
UNI	T IV - OBJECT ORIENTED PROGRAMMING WITH C+-	+	
13	Introducton to Object Oriented Programming Techniques	228	October
14	Classes and objects	233	November
15	Polymorphism	249	November
16	Inheritance	260	December
U	NIT V - COMPUTER ETHICS AND CYBER SECURITY		
17	Computer Ethics and Cyber Security	275	December
18	Tamil Computing	286	December
	Practicals	298	





E - book

Assessment

۲



**CSC COMPUTER EDUCATION (P) LTD.** 

Corporate Office : #151/3, South West Boag Road, T.Nagar, Chennai - 600 017. Telephone : 044 - 45901234 Website: www.iteducationjobs.com E-mail : tnagar.csc@gmail.com

## **Table of Contents**

Chapter No.	Title	Page No	Month
	FUNDAMENTALS OF COMPUTER AND WORKING W YPICAL OPERATING SYSTEMS (WINDOWS & LINUX)	ГТН А	
1	Introduction to Computers	1	June
	Number Systems	-	Annee C.C.
2	Computer Organisation	14 32	June
	Theoretical Concepts of Operating System		/
4 5	Working with Windows Operating System	41 48	July
5	UNIT II-OFFICE AUTOMATION TOOLS	48	July
(wo	RD PROCESSOR, SPREADSHEET AND PRESENTATIO	N)	
6	Introduction to Word Processor	67	July
7	Working with OpenOffice Calc	102	August
8	Presentation Basics	170	August
UNIT	III - WEB PAGE DEVELOPMENT USING HTML AND (	CSS	
9	Introduction to Internet and Email	202	September
10	HTML - Structural Tags	219	September
11	HTML - Formatting text, Creating Tables, List and Links	238	October
12	HTML - Adding multimedia elements and Forms	268	October
13	CSS - Cascading Style Sheets	286	October
	UNIT IV - JAVASCRIPT		
14	Introduction to Javascript	294	November
15	Control Structure in Javascript	315	November
16	JavaScript Functions	331	November
U	NIT V - COMPUTER ETHICS AND CYBER SECURITY		
17	Computer Ethics and Cyber Security	337	December
	UNIT VI - TAMIL COMPUTING		
18	Tamil Computing	343	December
	Practical Programs - Hand Book	349	



E - book



VI

Assessment

۲