



Babu Jagjivan Ram Government Degree College Narayanaguda, Hyderabad. (T.S.) 500029

REPORT ON CERTIFICATE COURSE (2015-2016)

- 1. Name of the Course: Certificate Course on Programming Logic and Design.
- 2. Department: Computer Science
- 3. Duration:03.08.2015 to 07.09.2015 No. of hours 30 Hours, No. of days 30 Days
- Whether brochure containing details of curriculum, assessment, procedures, etc., is enclosed? Yes
- 5. Number of students enrolled: 30 No.s
- 6. Whether list of students is enclosed? (Yes/No): Yes
- 7. Brief Report of the Certificate Course along with the outcome:

Objectives:

The certificate course is aimed to impart programming logic and design skills to the UG students especially aimed for the entry level UG Students.

Report:

A total of 30 Students have joined the certificate course. These students are quite punctual and found enthusiastic while learning the course.

Outcome: The course have shown profound improvement in programming logic and design skills in UG entry level students. The course also motivated these students to pursue next level advanced programming languages in forthcoming academic year.

Signature of I/C of Dept.:

a oagjivan Ram Government Degree College

Narayanaguda, Hyderahad. (T.S.) 500029

NOTICE

01.08.2015

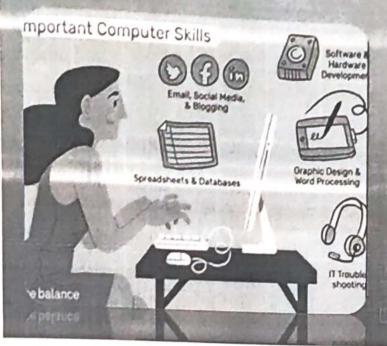
This is to inform all the students of B.A, B.Com and B.Sc that the department of computer science is organizing a certificate course citled "Programming Logic and Design" to scheduled from 03.08.2015 through 07.09.2015 for a period of 30 Hours. Interested students are requested to contact the in-charge, department of computer science and register for the course.

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BJR Government Degree College, Hyderabad Department of Computer Science

Programming Logic and Design



About the Course: The certificate course is aimed to impart programming logic and design skills to the UG students especially aimed for the entry level UG Students

Duration: 03.08.2015 - 07.09.2015 (30 Hours)

Registration: Please register on or before 01.08.2015

Contact Incharge, Department of Computer Science

Certificate Brochure

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Programming Logic and Design

Duration: 30 Hours

Syllabus

Hours	Topic
1-2.	Course Orientation, Using <u>Canvas</u> , Downloading resources
3-4	Computer Programming Introduction, Binary Numbering System
5-6	Input, Processing, Output; Variables, Data Types, Pseudo code
7-8	Flowcharting, Using Raptor© to flowchart
9-10	Modular Programming
11-12	Modular Programming
13-14	Decision Structures: Boolean Logic
15-16	Decision Structures: Case form
17-18	Looping Structures: While Do, Do Until
19-20	Looping Structures: For loop
21-22	Data Validation
23-24	Arrays, Processing Arrays with Loops
24-26	Object Oriented Programming Introduction
27-28	Class ,Object, Polymorphism
29-30	Inheritance, Dynamic Binding

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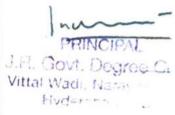
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List of Students - programming Logic & Design (2015-2016)

107015129001	Cherukuri Vinay Kumar				
107015129002	Md Atif Hassan				
107015129003	Syed Muneer Ahmed				
107015129004	Salagonda Srikanth				
107015129005	A.Hemanth reddy				
107015129006	A.Ramya				
107015129007	V.Srikanth				
107015129008	MD.Abdulla				
107015129009	Syed Altaf				
107015129010	MD.Abrarur rehaman				
107015156501	M.Bharath Kumar				
107015156502	S.Rajanna				
107015156503	K.Swamy				
107015156504	D.Raghaveder Reddy				
107015156505	K.Nandu				
107015156506	G.Nagesh				
107015156507	Anantaiah				
107015156508	R.Nikil				
107015156509	M.Devender				
107015156510	K.Narsimha				
107015401001	Md. Nawaz uddin				
107015401002	Akram Hussain				
107015401003	Ali Asgar				
107015401004	Ali Bin Ahmed				
107015401005	Md.Aijaz				
107015401006	Md. Abdul Kaleem				
107015401007	Md.Abdullah				
107015401008	Md.Faheem Uddin				
107015401009	Md.Nazeeruddin				
107015401010	Md.Noman				



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Final Assessment - Question Paper

07.09.2015

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Sub: PROGRAMMING LOGIC AND DESIGN
1. A VARIABLE'S IN NO WAY INFLUENCES HOW THE METHOD IS CALLED FROM ANOTHER MODULE (A) LOCAL NAME (B) DATA TYPE (C) SIZE (D) DEFINITION
2.YOU CAN CIRCUMVENT POTENTIAL PROBLEM CAUSE BY A USER'S INVALID DATA ENTRIES BY THE USER'S INPUT (A) GROUPING (B) DENYING (C)VALIDATING (D) MODIFYING
3.THE ORDER THAT ARRAY ELEMENTS ARE STORED IN BASE ON THEIR MEMORY ADDRESS THE ORDER (A) NUMERIC (B) PHYSICAL (C) LOGICAL (D) INDEX
4. YOU NEED TO UNDERSTAND A SUBROUTINE'S IN ORDER TO USE IT (A) INTERNAL STRUCTURE (B) PROGRAMMING STYLE (C) LOCAL VARIABLES (D) INTERFACE
5.WHEN MATCHING RECORDS BETWEEN FILES THEY MUST BE : (A) SORTED IN THE SAME ORDER (B) PADDED TO HAVE THE SAME LENGTH (C) BACKED UP (D) PRINTED
6. WHEN A MENU CONTAINS NUMEROUS OPTION, IT IS MORE ELEGANT TO USE A(N) STRUCTURE THAN A SERIES OF DECISIONS. (A)CASE (B) LOOP (C) IF-THEN-ELSE (D) BATCH 7. WHAT TYPE OF VARIABLES CAN BE USED TO REDUCE UNNECESSARY COMPARISION IN A BUBBLE SORT. (A) TEMPORARY
(B) FLAG (C) INTEGER (D) ARRAY
8. USUALLY A PROGRAM THAT PROCESSES AN ARRAY USES A : (A)DECISION (B) OUTPUT REPORT (C) BATCH (D) LOOP
9. WHEN MERGING FILES, A IS USED TO DETERMINE WHICH FILE THE NEXT RECORD COMES FROM. (A) COMPARISON (B) ARRAY (C) SEQUENCE

(4) FLAG	
(4) TO WHEN MERGING 2 FILES, WHAT CONDITION TERMINATES THE MAIN 10. WHEN THE FIRST FILE REACHS EOF (A) WHEN THE SECOND FILES REACHES EOF (B) WHEN THE SECOND FILES REACHES EOF (C) WHEN BOTH FILES REACH (D) WHEN 100 RECORDS HAVE BEEN PROCESS	N LOOP OF THE
11. ONE OF THE THINGS YOU NEED TO FIND OUT ABOUT A MODULE THE: (A) ARGUMENT LIST (B) LOCAL VARIABLE NAMES (C) NUMBER OF LINES CODE (D)ORIGINAL PROGRAMMERS NAME	YOU WISH TO CALL IS
12. PASSING VALUES TO MODULE HELPS FACILITATE: (A) CONFUSION (B) ENCAPSULATION (C) SHARING (D) REUSE	
13. WHAT IS THE LOOSEST STYLE OF COUPLING? (A) EXTERNAL (B) DATA-SHARED (C) CONTROL (D) DATA	
14. WHICH OF THE FOLLOWING SORTING METHODS IS THE LEAST (A) INSERTION (B) SELECTION (C) BASIC BUBBLE SORT (D) OPTIMIZED BUBBLE SORT	EFFICIENT?
15. IN A (N) SORT ALL OF THE ARRAY ELEMENTS ARE MOVE THE NEWLY SORTED ELEMENT. (A) SWAP (B) SELECTION (C) BUBBLE (D)INSERTION	ED TO MAKE ROOM FOR
16. WHAT TYPE OF VARIABLE IS USED TO HELP MOVE ARRAY ELE SORT? (A) SWAP (B) TEMPORARY (C)FLAG (D) ARRAY	MENTS IN A SELECTION
17 CONTAINS AN EXTRA FIELD IN EACH RECORD THAT THE NEXT LOGICAL RECORD. (A) LINK LIST (B) INDEX (C) PHYSICAL MEMORY (D) RANDOM-ACCESS MEMORY	
18. A APPLICATION USUALLY INVOLVES THE USER TYPING COMMAND PROMPT (A) GRAPHICAL USER INTERFACE (B) BATCH (C) CONSOLE (D) GUI	
19. WHEN PROGRAMMER WRITES A PROGRAM ,SHE MAY LEAVE CERTAL WHEN WORKING ON THE MAINLINE LOGIC. (A) SHELLS (B) STUBS (C) STANDARDS (D) BATCHES	PRINCIPAL 3.J.P. Govt. Degree Vittal Wadi, Naraya Hyderabad, T.

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Course Completion Result

Roll No.	Student Name	Course Completion Status			
107015129001	Cherukuri Vinay Kumar	Course Completed			
107015129002	Md Atif Hassan	Course Completed			
107015129003	Syed Muneer Ahmed	Course Completed			
107015129004	Salagonda Srikanth	Course Completed			
107015129005	A.Hemanth reddy	Course Completed			
107015129006	A.Ramya	Course Completed			
107015129007	V.Srikanth	Course Completed			
107015129008	MD.Abdulla	Course Completed			
107015129009	Syed Altaf	Course Completed			
107015129010	MD.Abrarur rehaman	Course Completed			
107015156501	M.Bharath Kumar	Course Completed			
107015156502	S.Rajanna	Course Completed			
107015156503	K.Swamy	Course Completed			
107015156504	D.Raghaveder Reddy	Course Completed			
107015156505	K.Nandu	Course Completed			
107015156506	G.Nagesh	Course Completed			
107015156507	Anantaiah	Course Completed			
107015156508	R.Nikil	Course Completed			
107015156509	M.Devender	Course Completed			
107015156510	K.Narsimha	Course Completed			
107015401001	Md. Nawaz uddin	Course Completed			
107015401002	Akram Hussain	Course Completed			
107015401003	Ali Asgar	Course Completed			
107015401004	Ali Bin Ahmed	Course Completed			
107015401005	Md.Aijaz	Course Completed			
107015401006	Md. Abdul Kaleem	Course Completed			
107015401007	Md.Abdullah	Course Completed			
107015401008	Md.Faheem Uddin	Course Completed			
107015401009	Md.Nazeeruddin	Course Completed			
107015401010	Md.Noman	PHINCHANIeted			

Vittal Wadi, Narayanguu...

Students Course Completion Certificate(s)



BJR GOVERNMENT DEGREE COLLEGE Narayanguda, Hyderabad



Department of Computer Science/Applications

Certificate

This is to certify that Mr/Ms. Ch. Vinay Kuma	~
bearing registered no. 1070-15-129-001 has	successfully completed
the certificate course on Programming Logic	and Design
held during 03.08.2015 to 07.9.2015.	
Coordinator	Principal

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Vittal Wadi, Narayanguda,

Hyderabad, T.S.

Student Attendance

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PRINCIPAL Novt. Dec B.J.R. Govt. Degree College Ital Wadi, Narayanguda, Hyderabad, T.S.