CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

Accredited by NAAC with 'A' Grade, Affiliated to University of Calicut



DEPARTMENT OF COMPUTER SCIENCE $REMEDIAL\ COACHING\ REPORT$

(ACADEMIC YEAR 2022-2023)

IRINJALAKUDA NORTH P.O., THRISSUR, KERALA -680125,

Website: www.christcollegeijk.edu.in, E-mail: office@christcollegeijk.edu.in Phone - Office (0480) 2825258, Principal: 2820005, Res: 2825384, 2828241, Fax: 2831552

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Objective

- To improve the academic skills and linguistic proficiency of the students in various subjects.
- To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.
- To strengthen their knowledge skills and attitudes in such subjects, where quantitative and qualitative techniques and laboratory activities are involved so that the necessary guidance and training provides under the programme may enable the student to come up to level necessary for pursuing higher studies efficiently

Remedial coaching will be organized working day after the regular teaching hours of the college are over or before the commencement of classes whichever is convenient the student requiring helps to come up to the standards of the Classes they are attending. Remedial coaching classes also could be organized during the long vacation like summer vacation or winter vacation for those students who are genuinely in need of such intensive coaching.

Remedial Class Reports1: Ms Viji Viswanathan

B.Sc Mathematics(Semester 2)

Fundamentals of system software, network &DBMS

Syllabus

- ➤ Module 2: Module 3: data models in DBMS
- ➤ Module 4: SQL commands
- ➤ Module 5: Table tag and attributes
- ➤ Module 5: List tag
- Module 5: Anchor tag

Remedial Reports

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Remedial Class Question Papers

Remedial Class -Test 1

(Each Question carries 2 Marks)

Date:27/02/2023 Max Marks:10

- 1. Differentiate between data link layer and physical layer?
- 2. What is framing?
- 3. Give an explanation for hierarchical data model?
- 4. Differentiate between Alter and update commands?
- 5. Explain the data model?
- Remedial Class -Test 2

Date:03/02/2023 Max Marks:10

(Answer any two questions. Each Question carries 5 Marks)

- 1. Write a note on Application layer?
- 2. Make a note on Data model?
- 3. Explain SQL commands?
- 4. Create a table using different attributes
- Remedial Class -Test 3

Date:20/03/2023 Max Marks:10

(Answer any one question. Each Question carries 10 Marks)

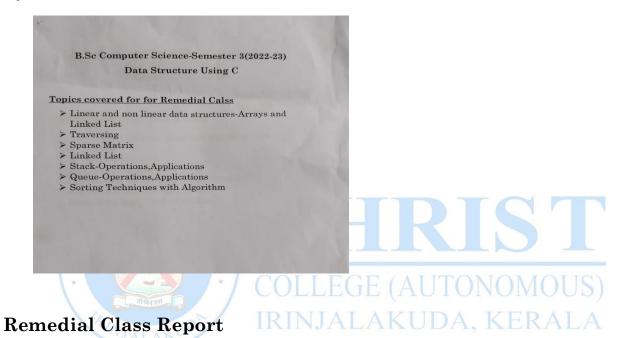
- 1. Explain each layer of OSI model?
- 2. Narrate data model and its different classifications?
- 3. Make a note on SQL commands with suitable example?
- 4. Explain different types of links in HTML?
- 5. Create a list using HTML which displays the different streams and courses offered by Christ college?

OutCome:

- 1.Imrove their performance
- 2.Improve the learning outcome of the student

COLLEGE (AUTONOMOUS) IRINJALAKUDA, KERALA B.Sc Computer Science (2021-24 Batch)-Semester 3 Data Structure Using C

Syllabus





| SI. | Class | Name of students | | Date 7 | | | | | | | | | | |
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REMARKS:-

- + Provide Supports Students who are not doing well as in their class.
- y Improve memorizativo potentias.
- a Improve the difficulties in problem Solving.

Remedial Question Paper Test 1

B.Sc Computer Science -Semester 3
Data Structure Using C
Remedial Class -Test 1

Date:21/11/2023 Max Marks :30

(Each Question carries 5 Marks)

- Differentiate between linear and non linear data structures?
- 2. What is traversing?
- 3. what are sparse matrix?
- 4. Differentiate between array and linked list?
- 5. Explain the array insert operation?
- 6. Explain the array serch operation.

GE (AUTONOMOUS) LAKUDA, KERALA

Remedial Question Paper Test 2 Remedial Question Paper Test 3

B.Sc Computer Science -Semester 3 Data Structure Using C Remedial Class -Test 2 Date:30/11/2023 Max Marks:30 [Each Ouestion carries 5 Marks] 1. Define the term doubly linked list? 2. Define the term circular list? 3. Draw leaves of a node of a doubly linked list? 4. What are the term computer a node after a given node in a linked list. 5. What do you mean by Link list? Write an algorithm to insert a node in Singly Linked List. 6. Explain how you will delete a node from the end of a singly linked list? B.Sc Computer Science -Semester 3 Data Structure Using C Remedial Class -Test 3 Date:05/12/2023 Max Marks:30 [Each Ouestion carries 5 Marks] 1. Represent a stack with 10 elements? 2. what is a stack? 3. what is a stack? 3. what is a stack? 4. What are theorem correct LIFO and FIFO? 5. What is sorting?explain different types of sorting? 6. Explain insertion sort algorithm with example? write a c program to sort a list of numbers using insertion sort? 5. Explain how you will delete a node from the end of a singly linked list?

Outcome:

/ COLLEGE (AUTONOMOUS) IRINJALAKUDA, KERALA

- 1. Slow learners got special caring to improve their accadamics
- 2. Got a clear idea about how to write algorthms
- 3. Enhancement in regularity and involvement in classroom teaching

Remedial Class Reports3: Ms Soumya P S

BCA(2021-24 Batch)-Semester 3 DATA STRUCTURE USING C

Syllabus

- 1. Infix to prefix using stack
- 2. Infix to postfix using stack
- 3. Binary serach tree and its operations
- 4. Working of Circular Queue
- 5. Implement Selection sort
- 6. Perform Binary search
- 7. Various Hashing techniques

Remedial Class Report

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IRINJALAKUDA, KERALA

Remedial Class Question Paper 1

Date:04/12/2023

Max Mark:30

- 1. Convert the Infix expression a b / c * d + e * f / g into Postfix expression
- 2. Write an algorithm for infix to prefix conversion?
- 3. What is a circular queue ? Write the algorithms for insertion and deletion operations on a circular queue.
- 4. Explain the algorithm for converting infix expression to postfix expression?

Remedial Class Question Paper 2

Date:07/12/2023

Max Mark:30

- 1. What is hashing ?Explain the different hash functions.
- 2. Explain selection sort algorithm with example?
- 3. Explain linear and binary search?
- 4. Differentiate between linear search and binary search technique? Explain with examples?

Remedial Class Question Paper 3

Date:12/12/2023

Max Mark:30

- 1. llustrate the procedure to convert the following Infix expression from Postfix (A+B)^C-(D*E)/F?
- 2. Explain Inorder, Preorder and Postorder Traversal operation on Binary tree with example.
- 3. What is a binary search tree? Construct a binary search tree with 54,23,78,45,43,12,89,56,90?
- 4. write a short note on tree and its application?

Remedial class records

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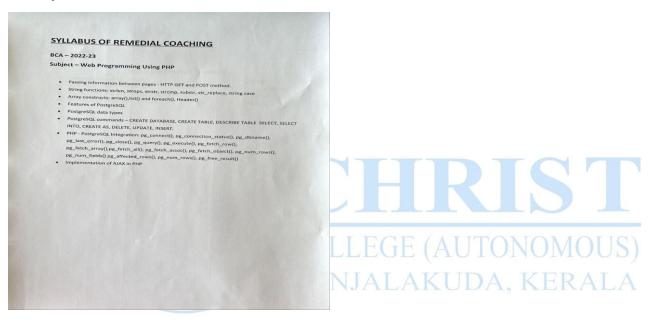
Outcome:

- $1. Imrove \ their \ performance$
- 2.Improve the learning outcome of the student

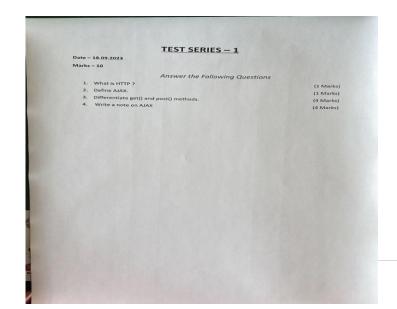
Remedial Class Reports4: Ms Varsha Ganesh

B.Sc Computer Science (2020-23 Batch)-Semester 5 Web Programminh using PHP

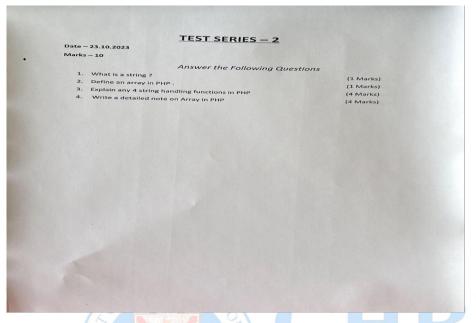
Syllabus



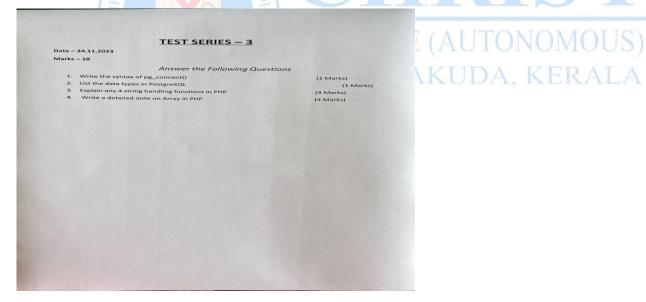
Remedial Class Question Paper 1



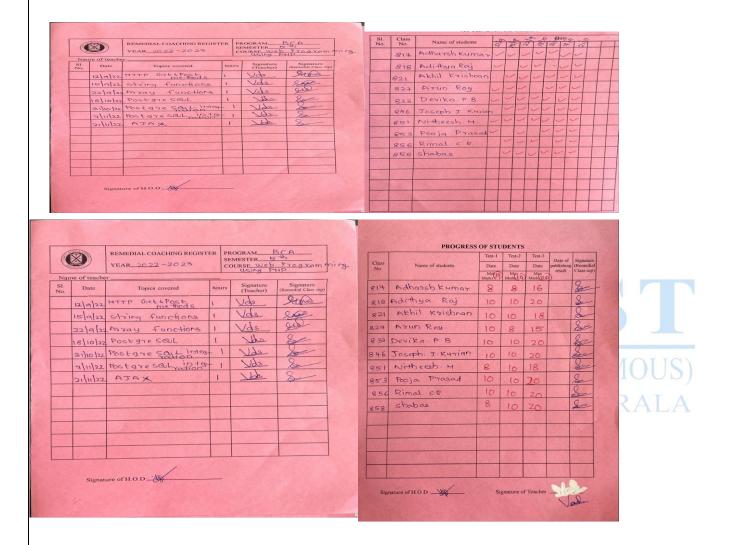
Remedial Class Question Paper 2



Remedial Class Question Paper 3



Remedial Class Records



Outcomes:

- To improve the academic skills and linguistic proficiency of the students in various subjects.
- To raise their level of comprehension of basic subjects to provide a stronger foundation for further academic work.
- To strengthen their knowledge skills and attitudes in such subjects.