Teaching Plan

Institution**: Acharya Jagadish Chandra Bose College**

Name of Faculty Member :**Dr. Biswaranjan Mandal**

Department**: Mathematics**

Designation**: Associate Professor in Mathematics**

Name of the Paper: SEC:C **Language with Mathematical Applications**

Paper Code: Math-SEC1-1-TH : **Course Type: CCF-2022**

Semester:**1**

Email of Faculty Member:**brm0407@gmail.com**

Text Book Referred

No	Title of the Book	Author/s
1	Let Us C:	Y Kanetkar:
2	A first course of Programming with C	T Jeyapoovan
3	Programming and Data Analysis	Dr Chanchal Guha Roy &Malabika Chackroborty

Reference Books

Sr.No	Title of the Book	Author/s
1.	C-Language and Numerical Method	C Xavier
2	Computer Fundamentals and Programming in C	Reema Thareja

Software used(If applicable) :Dev C++ , Visual Studio Code(under process)

Class Schedule (with Assessment Scheme Adopted):

Sr.No	Topic to cover	Duration (Week)	No. of classes required
1	**A**n overview of Theoretical Computer	Week 1	4
2	**A**n overview of Theoretical Computer	Week 2	
3	Assessment : **A**n overview of Theoretical Computer	Week 2	2
4	Constants, Variables and Data Type of C-Program	Week 3	4
5	Constants, Variables and Data Type of C-Program	Week 4	

6	Assessment : Constants, Variables and Data Type of C-Program	Week 4	2
7	Operations and Expressions	Week 5	4
8	Operations and Expressions	Week 6	
9	Operations and Expressions	Week 6	2
10	Decision Making and Branching	Week 7	4
11	Decision Making and Branching	Week 8	
12	Assessment : Decision Making and Branching	Week 8	2
13	Practical : Problem 1 to Problem 5	Week 9	3
14	Practical : Problem 6 to Problem 10	Week 10	3
15	Control Statements	Week 11	3
16	Control Statements & Assessment : Control Statements	Week 12	3
17	Practical : Problem 11 to Problem 15	Week 13	3
18	Practical : Problem 16 to Problem 20	Week 14	3
19	Arrays	Week 15	3
21	Arrays &Assessment : Arrays	Week 16	3
22	Practical : Problem 21 to Problem 23	Week 17	3
23	Practical : Problem 24 to Problem 26	Week 18	3
24	Functions in C	Week 19	3
26	Functions in C& Assessment : Functions in C	Week 20	3

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