

Baba fateh Singh ji Govt. College, Assandh, Karnal

Department of Mathematics [Programming in C and
 Class B.A-2 4th sem Numerical Methods]

Lesson Plan

Sr.No		
1	Week 1 Jan 1-6 2024	Programmer's model of a computer Algorithms. Flow charts.
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7	Week 2 Jan 8-13 2024	Data types Operators and expressions. Input / output functions.
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13	Week 3 Jan 15-20 2024	Decisions control structure. Decision statements. Logical and conditional statements.
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19	Week-4 Jan 22-27 2024	Implementation of loops Switch statements. Case control structures.
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25	Week-5 Jan 29 - Feb 3 2024	Functions. Processors and Arrays.
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31	Week-6 Feb- 5-10 2024	Strings Character data types.
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43	Week 7	Standard strings handling functions.	
44	Feb-12-17		
45	2024		
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47	Week-8	Arithmetic operators on characters. Structures.	
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51			Feb 19-24
52			2024
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54	Week-9	Use of structures in arrays Arrays in structures.	
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58			Feb 26 - March 2
59			2024
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63	Week-10	Pointers data types. Pointers and arrays.	
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66			March 4-9
67			2024
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70	Week-11	Pointers and functions. Solutions of transcendental and algebraic equations.	
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73			March 11-16
74			2024
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77	Week-12	Bisection Methods.	
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80			March 18-22
81			2024
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84	Week-13	Regula falsi method. Secant Method.	
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87			April 1-6
88			2024
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91	Week-14 April 8-13 2024	Newton Raphson Method. Order of convergence.
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98	Week-15 April 15-20 2024	Gauss - eliminations method. Gauss - Jordan Method.
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105	Week-16 April 22-27 2024	Triangularization Method. Crout method, Cholesky Method.
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112	Week-17 April 29-30 2024	Jacobi method, Gauss Seidel method, Relaxation method.
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119	Week-18	
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126	Week-19	
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