



PUNE DISTRICT EDUCATION ASSOCIATION'S
HIGHER & TECHNICAL EDUCATION INSTITUTIONS

**A NOTE BOOK FOR
ACADEMIC TEACHING PLAN AND EXECUTION RECORD**

2022-23

TEACHER'S NAME : Prof. MARNE G.S. EMP. ID 2622

DESIGNATION : Lecturer

SUBJECT : _____

NAME OF INSTITUTE Mamasahib Pooch College

PERSONAL WEEKLY TIME-TABLE
TERM - I (2022-23)



Sr. No.	Duration	MON	TUE	WED	THUR	FRI	SAT
1	8:00 to 11:30			OOP Pract using cal java			DS Pract B-I
2	9:36 - 10:24		DS			DS	
3	10:24 - 11:12		DS		DS		
4	11:30 - 12:20	Java-I		Java-I			DS & Algo-I
5	12:20 - 1:10						
6	1:10 - 2:00		Java-I		DS & Algo-I	DS & Algo-I	
7	2:10 - 5:30	DS Pract B-I					
8							

[Signature]

TERM-WISE AND SUBJECT-WISE DISTRIBUTION OF WORKLOAD
TERM: I (2022-23)

Sr No	SUBJECT	PAPER I/II	CLASS & DIVN	THEORY	PRACT.	TUTORIAL	TOTAL WORKLOAD
1	Data Structure		SY BBA	4	00	-	04
2	DS & Algo-I		SY BSC	3	08		11
3	OOP using Java-II		TY BSC	3	04		07
4							22
5							
6							
7							

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EXECUTION OF TEACHING PLAN TERM - I



Class & Division: SYBDA Subject: DS Paper: _____ No of Students on Roll: _____

Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
13/9/22	9:36	pointers	05	<i>[Signature]</i>	05	<i>[Signature]</i>
	10:24	Algorithm		<i>[Signature]</i>		
		Types of DS		<i>[Signature]</i>		
14/9/22	9:36	ADT &	05	<i>[Signature]</i>	05	
	10:24	Polynomial				
		Array Representation		<i>[Signature]</i>		
19/9/22	9:36	Bubble sort	05	<i>[Signature]</i>	05	
	10:24	Insertion sort		<i>[Signature]</i>		
19/9/22	10:24	Merge &	05	<i>[Signature]</i>	05	
	11:12	Quick sort				
		selection sort		<i>[Signature]</i>		
20/9/22	9:36	Linear search	05	<i>[Signature]</i>	05	
	10:24	Binary search				

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EXECUTION OF TEACHING PLAN TERM - I

Class & Division: SYDBA Subject: DS Paper: _____ No of Students on Roll: 16



Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
27/9/22	9:36 - 10:24	Intro to LL	05	<i>[Signature]</i>	05	
		§ LL		<i>[Signature]</i>		
3/10/22	9:36 - 10:24	DLL	05	<i>[Signature]</i>	05	
5/10/22	9:36 - 10:24	CSLL	04	<i>[Signature]</i>	04	
		EDLL		<i>[Signature]</i>		
5/10/22	10:24 - 11:12	Intro to stack	04	<i>[Signature]</i>	04	
		Static stack		<i>[Signature]</i>	<i>[Signature]</i>	
		Dynamic stack		<i>[Signature]</i>		
10/10/22	9:36 - 10:24	Expression conversion	04	<i>[Signature]</i>	04	
16/10/22	9:36 - 10:24	Expression conversion	03	<i>[Signature]</i>	03	
		Application of stack		<i>[Signature]</i>		

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EXECUTION OF TEACHING PLAN TERM - I

Class & Division: SYBBA Subject: DS Paper: _____ No of Students on Roll: 16



Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
19/10/22	9:36 -10:24	Static Queues	03	<i>ar</i>		<i>ar</i>
4/11/22	9:36 -10:24	Dynamic Queues	03	<i>ar</i>		
		Characteristics of Priority Queues		<i>ar</i>		
15/11/22	9:36 -10:24	BST	03	<i>ar</i>		
22/11/22	9:36 -10:24	Op ⁿ on BST	02	<i>ar</i>		
		Op ⁿ on BST		<i>ar</i>		
25/11/22	9:36 -10:24	Tree Traversal	03	<i>ar</i>		
28/12/22	9:36 -10:24	AVL Tree	06	<i>ar</i>		
29/12/22	9:36 -10:24	Graph Repre.	06	<i>ar</i>		
2/1/23	9:36 -10:24	BFS & DFS	06	<i>ar</i>		
4/1/23	9:36 -10:24	AOV n/w	06	<i>ar</i>		
		AOE n/w		<i>ar</i>		

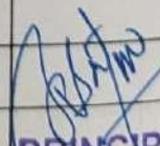
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EXECUTION OF TEACHING PLAN TERM - I

Class & Division: TYBSC Subject: Java-T Paper: _____ No of Students on Roll: 18



Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
12/9/22		oop's concept	07	<i>[Signature]</i>		
		Intro to java				
		java tools				
		Access specifier				
13/9/22		Constructors	07	<i>[Signature]</i>		
		Static keyword				
14/9/22		Packages.	07	<i>[Signature]</i>		
20/9/22		Inheritance & types.	07	<i>[Signature]</i>		
		Final keyword.				
20/9/22		Interfaces	07	<i>[Signature]</i>		
		Inheritance to Exception				


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EXECUTION OF TEACHING PLAN TERM - I

Class & Division: TYBSC Subject: Java-J Paper: _____ No of Students on Roll: 12



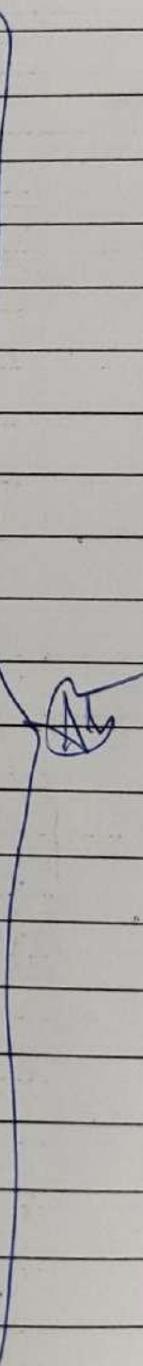
Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
21/9/22		Handling Exceptions	07		}	
		User Defined Exception.				
27/9/22		File Handling	07			
27/9/22		File Handling	08			
29/9/22		AWT	09			
		Component				
3/10/22		Layout Managers	06			
		Dialogs				
11/10/22		Event Handling	06			
13/10/22		Event Handling	03			

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EXECUTION OF TEACHING PLAN TERM - I

Class & Division: ITBSC Subject: Java-T Paper: _____ No of Students on R _____



Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
12/10/22		Adapters	03	✓		
		8				
		Anonymous				
		Class				
18/10/22		Event Handling	05	✓		
19/10/22		Event Handling	05	✓		
9/11/22		File Handling	06	✓		
12/11/22		Exception Handling	04	✓		
16/11/22		Package Program	07	✓		
21/11/22		Exception Program	09	✓		
22/11/22		Mouse Handling	09	✓		
23/11/22		Revision	06	✓		

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EXECUTION OF TEACHING PLAN TERM - I

Class & Division: SYBSC Subject: DS-I Paper: _____ No of Students on Roll: 27



Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
12/9/22		Introduction	06	<u>[Signature]</u>	}	
		Algorithm Analysis				
		Intro to Array				
13/9/22		Sequential search	06	<u>[Signature]</u>		
		Binary search				
15/9/22		Bubble sort	06	<u>[Signature]</u>		
		Insertion sort				
		Selection sort				
20/9/22		Quick & Merge sort	06	<u>[Signature]</u>		
23/9/22		Intro to LL	06	<u>[Signature]</u>		
		SLL				

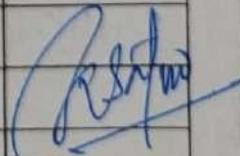
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EXECUTION OF TEACHING PLAN TERM - I

Class & Division: SYBSC Subject: DS-T Paper: _____ No of Students on Roll: _____



Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	P	S
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS							
27/9/22		DLL	07	<i>[Signature]</i>			
		Application of LL					
		Generalized LL.					
29/9/22		Intro to stack	08	<i>[Signature]</i>			
		Static Imple					
5/10/22		Dynamic Imple	10	<i>[Signature]</i>			
10/10/22		Expressia conversion.	05	<i>[Signature]</i>			
13/10/22		Expressia conversion.	10	<i>[Signature]</i>			
17/10/22		Intro to Queue	12	<i>[Signature]</i>			


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PERSONAL WEEKLY TIME-TABLE
TERM-II (2022-23)

Sr. No.	Duration	MON	TUE	WED	THUR	FRI
1	8-00 to 11:30		java pract.		DS pract B-II	
2	9:36 to 10:24			CPP		CPP
3	10:24 to 11:12			CPP		CPP
4	11:30 to 12:20	java-II	DS-II		DS-II	ESP pract.
5	1:10 to 2:00			java-II		DS-II
6	2:00 to 5:30	DS pract B-I				
7						
8						



TERM-WISE AND SUBJECT-WISE DISTRIBUTION OF WORKLOAD
TERM: II (2022-23)

Sr No	SUBJECT	PAPER I/II	CLASS & DIVN	THEORY	PRACT.	TUTORIAL	TOTAL WORKLOAD
1	CPP		S-IBBA	4	4		08
2	DS & Algo-II		3Y BSc.	03	08		11
3	Oopery java-II		TY BSc.	03	04		07
4							26
5							
6							
7							

CLASS-WISE & PAPER-WISE TEACHING PLAN
TERM -II ()

CLASS & DIVISION : S.Y. BBA PAPER :

SUBJECT : OOPS through C++ NO. OF CREDITS : 2



Sr No	Lecture/ Tutorial/ Practical	Subject /Topic in brief	No of Lectures /Practicals Required	Teaching Planned Dates
1-		Introduction to C++	2	Feb
2.		Beginning with C++	6	Feb
3.		classes & objects	8	March
4.		Constructors & Destructors	6	March
5.		Inheritance	6	Apr
6-		Polymorphism	8	Apr
7.		Managing console I/O operations	3	Apr
8.		Working with Files	6	May
9.		Templates	3	May

EXECUTION OF TEACHING PLAN TERM - II

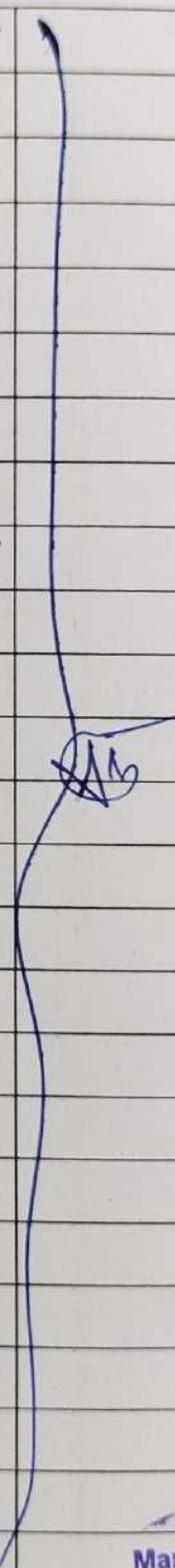


Class & Division: SYBBA Subject: C++ Paper: _____ No of Students _____

Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
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(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS

10/2/23		Intro to C++	03	[Signature]		
		OOPS concepts				
		simple prog.				
11/2/23		Beginning with C++	03	[Signature]		
		Functions & Default Argument				
13/2/23		classes & objects.	02	[Signature]		
		Access Specifiers				
13/2/23		Static Members	03	[Signature]		
24/2/23		Friend Function & Friend class	03	[Signature]		



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EXECUTION OF TEACHING PLAN TERM - II



Class & Division: SYBBA Subject: CPP Paper: _____ No of Students on Roll: _____

Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
24/2/23		Constructors & Types	03			
29/2/23		Constructors with default Arg. & dynamic Initializer	04			
1/3/23		Destructor	01			
8/3/23		Inheritance Intro & Types	05			
17/3/23		Virtual Base class	02			
18/3/23		Anonymous class	02			
28/3/23		Constructors in derived classes	06			

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EXECUTION OF TEACHING PLAN TERM - II



Class & Division: SYBBA Subject: CPP Paper: _____ No of Students on _____

Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
9/3/23		Intro to polymorphism	05	<i>[Signature]</i>		<i>[Signature]</i>
11/4/23		Compile time polymorphism	03	<i>[Signature]</i>		
12/4/23		Function overloading	05	<i>[Signature]</i>		
13/4/23		operator overloading	03	<i>[Signature]</i>		
14/4/23		Virtual Function	05	<i>[Signature]</i>		
18/3/23		Unionated case I/O	02	<i>[Signature]</i>		
31/4/23		Manipulators	02	<i>[Signature]</i>		
3/4/23		File Handling File Handling	02	<i>[Signature]</i>		
24/4/23		Templates class & function	02	<i>[Signature]</i>		
5/5/23		Program	02	<i>[Signature]</i>		

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EXECUTION OF TEACHING PLAN TERM - II



18

Class & Division: 14DSC Subject: Java-II Paper: _____ No of S _____

Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
2/2/23		Intro to Collection	05	<i>[Signature]</i>		
		List				
11/3/23		Set	09	<i>[Signature]</i>		
		Map				
2/3/23		Interfaces	10	<i>[Signature]</i>		
5/3/23		Introduction to Multithreading	06	<i>[Signature]</i>		
		Creating Threads				
15/3/23		Thread synchronization	06	<i>[Signature]</i>		
16/3/23		Interthread Communication	03	<i>[Signature]</i>		
		Intro to JDBC				

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EXECUTION OF TEACHING PLAN TERM - II



Class & Division: T.Y.BSc Subject: Java-II Paper: _____ No of Students: 18

Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
27/3/23		Types of Drivers	06			
		Executing SQL stmt				
27/3/23		Scrollable & Updatable Resultset	06			
29/3/23		Intro to Servlet	07			
		Handling Get & Post Request.				
31/3/23		Retrieving Data from DB to servlet	07			
		Session Tracking				
03/04/23		Intro to JSP	06			

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EXECUTION OF TEACHING PLAN TERM - II

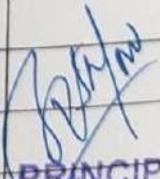


Class & Division: SYBSC Subject: DS-T1 Paper: _____ No of Stud: 27

Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
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(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS

24/2/23		Tree Intro	06	[Signature]		
		Types of Trees				
9/11/23		BST op ⁿ	05	[Signature]		
		Tree Traversal				
10/3/23		Heap sort	02	[Signature]		
		: Huffman Encoding				
14/3/23		AVL Tree	04	[Signature]		
		Red Black Tree				
17/3/23		B Tree	04	[Signature]		
		B+ Tree				
17/3/23		Graph Intro & Representation	04	[Signature]		


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EXECUTION OF TEACHING PLAN TERM - II

Class & Division: 3rd B Sc Subject: DS-T Paper: _____ No of Students: 27



Day & Date	Time	Topic Covered	No of Students present	Teacher's Signature	HOD's Signature	Principal's Signature
(A) LECTURES / (B) PRACTICALS / (C) TUTORIALS						
23/3/23		DFS & BFS	06	<u>[Signature]</u>		
		Topological sorting				
28/3/23		spanning tree.	07	<u>[Signature]</u>		
3/4/23		Dijkstra's Algo	07	<u>[Signature]</u>		
11/4/23		Warshall Algo.	07	<u>[Signature]</u>		
6/4/23		Concepts of Hashing	05	<u>[Signature]</u>		
12/4/23		Hash Functions	03	<u>[Signature]</u>		
6/5/23		Open Addressing	04	<u>[Signature]</u>		
8/5/23		Chaining	04	<u>[Signature]</u>		

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LIST OF TEXT BOOKS/ REFERENCE BOOKS REFERED BY TEACHERS



SR NO	NAME OF AUTHOR	TITLE OF BOOK	
1.	Poonam Ponde.	DS I & II	Vision
2.	Manisha Bharanbe.	Java I & II	Mirali
3.	Herbert Schild.	Java complete Ref.	
4.	Balqansamy	CPP	

PROJECTS, ASSIGNMENTS AND TUTORIALS

CLASS & DIVISION	PROJECT/ ASSIGNMENT/ TUTORIAL	TOPIC NAME	QUESTION, ETC.
SYBBA	Assignment	Sorting Ch - 1, 2,	
SYB2.	Assignment	Linked List	
TYBSc	Assignment	Packages.	
SYBBA	Assignment	Constructors	
SYBSc	Assignment	B & B+ Tree.	
TYBSc	Assignment	Multithreading.	