

# Time Table → Jan - May 2023

	1st	2nd	3rd	4th	4th 5th	5th	6th
I	III B1 (P)	II pbr Lab					
II	II pbr				III pbr		
III		III B1	II pbr				
IV	III B1			II pbr project			
V		III B1		II pbr			
VI		II pbr	III B1			III B2 (P)	

Total Hours ⇒ 16

SNO	Subject	Handle	Hours	Class	Theory/ Practical
1.	Python	Programming	4	III B1	theory
2.	Mobile	Application Development	5	II-M.sc	theory
3.	Project	UG	2	III B1, B2	project
4.	MAD	Lab	3	II-M.sc	practical
5.	Project	PLA	2	II-M.sc	project

class : III Cs B<sub>1</sub>

Semester : VI

Subject : Python Programming

Month	Topics to be Covered	Hours
January	Unit I Identifiers - Keywords - Statements and Expression Variables - operators - Datatypes - Indentation - Comments - single line Comment, Multiline Comment - Reading I/O - Type Conversion, Dynamic & strongly typed language.	16
February	Unit II Control flow statements, system error, Exception handling - strings - str(), string operations - string comparison - Built in function - Accessing character in string - string slicing - joining and traversing.	16
March	Unit III Function, Built in Fun, definition, calling return and void fun - scope & life time Variables - args & kwargs - Command line arguments - Tuple - creation - operations - Fun Indexing - slicing - built in fun - tuple - methods set - set method.	16
April	Unit IV List - List Assignments & Equivalence, list bound - slicing - list function - prime with list. List processing - sorting - flexible, sorting - search - list - permutation - Randomly list. Unit V Object - string objects - list objects - custom type : geometric points - Methods - Custom type (Eq) class Inheritance - Handling Exceptions - motivation.	20

class: II M.Sc

Subject: \*MAD Lab

Month	Topics to be covered	Hours
January	Program to find Simple Android; Application Working with activity Working with frames	12
February	UI Controls (Text, EditText, Button, Radio Button) UI Controls (CheckBox, Layout, Image Button, Toggle Button) UI Controls (Rating Bar, List View, Gallery)	12
March	CRUD Operations Using SQLite DB Emailing Telephony SMS	12

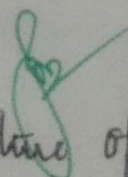
Class: II - M.Sc

Subject: Mobile Application Development

Month	Topics to be covered	Hours
January	<u>Unit I</u> History of Android platform - Android APIs - Framework - Features - Applications - Manifest Downloading and Installing - setting up Physical Device - Exploring - Eclipse - DDMS -	20
February	Command line tools - Developing & Executing - Create Application - Running - Exploring - Using Command - line Tools.	20
March	<u>Unit II</u> Activity - Creating, starting - Managing - Applying Themes - Displaying - Hiding - Using Intents - Exploring - Intent Filters - Collision - Linking the Activities - Results Intent - Passing Data object - Fragments.	22
April	<u>Unit III</u> Groups - Layout - Table - Action Bar - Button - ListView - Gallery - screens Orientation - UI Events - Activities and Views Fragments - Menus.	20
	<u>Unit IV</u> Image Views - Types of Views - Toast Notification - status bar - Dialog - Data storage - SQLite Database.	
	<u>Unit V</u> Send Mail - Telephony - Phone calls - SMS Manager - Intent - SMS Receiver object - SMS provider - Android Application. Building Mobile Application using Xamarin.	

Date	Day order	Class/Hour	Topics to be covered
02.1.23	<u>I</u>	III B1 1 II M.BC 2,3,4	Project discussion Lab Exercise
03.1.23	<u>II</u>	II -MBC 1 II -MBC 5	History of Android Android APIs
04.1.23	<u>III</u>	III B1 2 II -MBC 3	Introduction Framework
05.1.23	<u>IV</u>	III -B1 1 II -MBC 4,5	Constants - Keyword - Variables Project discussion
06.1.23	-		Audhra Daisanam
07.1.23	-		

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[09.1.23 - 18.1.23]

Date	Day order	class/ Hour	Topics
09.1.23	<u>V</u>	III-B1 2 II-M:bc 4	Operator, Data types Features
10.1.23	<u>VI</u>	II-M:bc 2 III-B1 3 III-B2 5	Applications Indulation Project discussion
11.1.23	<u>I</u>	III-B1 1 II-M:bc 2,3,4	Project discussion Lab Exercise
12.1.23	<u>II</u>	II-M:bc 1 II-M:bc 5	Manifest Setting up physical device
13.1.23	<u>III</u>	III-B1 1 II-M:bc 3	Comments Downloading & Installing
14.1.23 to 18.1.23			Pongal Holidays

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[18.1.23 - 21.1.23]

Date	Day order	Class/ Hour	Topics
18.01.23	<u>IV</u>	III - B1 1 II - M.BC A, 5	Reading I/O Project discussion
19.1.23	<u>V</u>	III - B1 2 II - M.BC A	Type Conversion Exploring
20.1.23	<u>VI</u>	III B1 2 II - M.BC 4	Control flow statement Eclipse, DPMS
21.1.23	<u>VII</u>	III - B1 1 II - M.BC 2, 3, 4	Project discussion Lab Exercise

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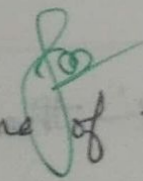
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[23.1.23 - 27.1.23]

Date	Day order	class/ Hour	Topics
23.1.23	<u>II</u>	II - M:bc 1 II - M:bc 5	Command line tools - Developing Create App, Running, Using Command
24.1.23	<u>III</u>	III - B) 2 II - M:bc 3	Syntax error Exception handling Activity - creating - starting
25.1.23	<u>IV</u>	III - A) 1 II - M:bc 4:15	strings - str(), string operator Project discussion
26.1.23	-		Republic Day Holiday
27.1.23	-		Project visit

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[30.1.23 - 4.2.23]

Date	Day order	Class / Hour	Topics
30.1.23	<u>VI</u>	<u>II</u> - M.Sc 2 <u>III</u> - B1/3 <u>III</u> - B2/5	Managing / Exploring Project discussion
31.1.23	<u>I</u>	<u>III</u> B1 1 <u>II</u> - M.Sc 2, 3, 4	Project discussion Lab Exercise
01.2.23	<u>II</u>	<u>II</u> - M.Sc 2 <u>II</u> - M.Sc 5	Intent Linking Activities
02.02.23	<u>III</u>	<u>III</u> - B1 2 <u>II</u> - M.Sc 3	Built in Function Result Intent
03.02.23	<u>IV</u>	<u>III</u> - B1 1 <u>II</u> - M.Sc 4, 5	String ? joining & traversing Project discussion
04.02.23	<u>V</u>	<u>III</u> B1 1 <u>II</u> - M.Sc 3	Two data object, Fragmentation

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[6.2.23 - 11.2.23]

Date	Day Order	Class/ Hour	Topics
06.2.23	<u>VI</u>	II-M-5C 2 III-B <sub>1</sub> /3 III-B <sub>2</sub> /5	Layouts, Built in function Project discussion
07.02.23	<u>I</u>	III-B <sub>1</sub> 1 II-M-5C 2,3,4	Project discussion Lab Exercise
08.02.23	<u>II</u>	II-M-5C 1 II-M-5C 5	Table - ActionBar, Button. List View - gallery
09.2.23	<u>III</u>	III-B <sub>1</sub> 2 II-M-5C 3	Variables - Command line arguments Screen Orientation
10.2.23	<u>IV</u>	III-B <sub>1</sub> 1 II-M-5C 4,5	Type creation - fun, indexing, slicing Project discussion
11.2.23	<u>V</u>	III-B <sub>1</sub> 2 II-M-5C 4	Built in function - set method VI Events

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[13.2.23 - 18.2.23]

Date	Day order	class/ Hour	Topics
13.2.23	<u>VI</u>	II - M.5C 2 III B <sub>1</sub> 13 III B <sub>2</sub> 15	Activities and Views List Project discussion
14.2.23	<u>I</u>	III B <sub>1</sub> 11 II - M.5C 2, 3, 5	Project discussion Lab Exercise
15.2.23	<u>II</u>	II - M.5C 1 II - M.5C 5	Industrial Visit
16.2.23	<u>III</u>	III - B <sub>1</sub> 2 II - M.5C 5	List Arguments Fragments and menus
17.2.23	<u>IV</u>	III - B <sub>1</sub> 1 II - M.5C 4, 5	sliding Project discussion
18.2.23	<u>V</u>	III B <sub>1</sub> 5 II - M.5C 4	List Junction Image views

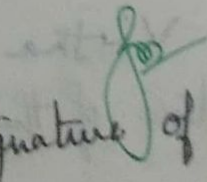
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[20-2-23 - 24-2-23]

Date	Day order	Class/ Hour	Topic
20.2.23	<u>VI</u>	II - M-bc 2 III - B <sub>1</sub> / 3 III B <sub>2</sub> / 5	I - Internal Revision Project discussion
21.2.23	<u>I</u>	III B <sub>1</sub> / 1 II - M-bc 2, 3, 4	I - Internal Lab Exercise
22.2.23	<u>II</u>	II - M-bc 1 II - M-bc 5	I - Internal Revision
23.2.23	<u>III</u>	III - B <sub>1</sub> 2 II - M-bc 3	I - Internal Lab Test.
24.2.23	<u>IV</u>	III - B <sub>1</sub> 1 II - M-bc 4, 5	I - Internal Project discussion

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[27.2.23 - 4.3.23]

Date	Day order	Class/ Hour	Topics
27.2.23	<u>V</u>	III - B1 2 II - M.BC 4	Toast notification Types of Views
28.2.23	<u>VI</u>	II - M.BC 2 III - B1/3 III - B2/5	status bar List Project discussion
01.3.23	<u>I</u>	III - B1 1 II - M.BC 2/3/4	Project discussion Lab Exercise
02.3.23	<u>II</u>	II - M.BC 1 II - M.BC 4	Dialog Data storage
03.03.23	<u>III</u>	III - B1 2 II - M.BC 3	Sorting send mail
04.03.23	<u>IV</u>	III - B1 1 II - M.BC 2/5	search, permutation Project discussion

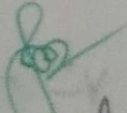
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[6.3.23 - 11.3.23]

Date	Day order	class/ Hour	Topics
06.3.23	<u>V</u>	III-B1 2 II-M.5C 4	Randomly list Telephong
7.3.23	<u>VI</u>	II-M.5C 2 IV-B1/1 III-B2/5	Phone calls Project discussion
8.3.23	<u>I</u>		Cultural Event
9.3.23	<u>II</u>	II-M.5C 1 II-M.5C 5	SMS Manager Talent
10.3.23	<u>III</u>	III-B1 2 II-M.5C 3	objects SMS Receives object
11.3.23			Cultural Meet

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[13.3.23 - 18.3.23]

Day	Day order	class/ Hour	Topics
13.3.23	IV	III - B1 1 II - M.5C 4, 5	string objects Project discussion
14.3.23	V	III - B1 2 II - M.5C 4	Certificate Course [IOT]
15.3.23	VI	II - M.5C 2 III - B1/3 III - B2/5	Certificate Course [IOT]
16.3.23	I	III - B1 1 II - M.5C 2, 3, 4	Certificate course [IOT]
17.3.23	II	II - M.5C 1 II - M.5C 5	Certificate course [IOT]
18.3.23	III	III - B1 2 II - M.5C 3	Sports Day [IOT] Certificate Course

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[20.3.23 - 24.3.23]

Date	Day order	Class/ Hour	Topics
20.3.23	<u>IV</u>	<u>III</u> - B1 2 <u>II</u> - M.bc 3	List objects SMS provider
21.3.23	<u>V</u>	<u>III</u> - B1 2 <u>II</u> - M.bc 4	Custom types Android Applications
22.3.23			Makaveli Jayanthi
23.3.23	<u>VI</u>	<u>II</u> - M.bc 2 <u>III</u> - B1 3 <u>III</u> B2   5	Building Geometric points Project discussion
24.3.23	<u>I</u>	<u>II</u> - M.bc 2 <u>II</u> - M.bc 5	Mobile Appl Using Xaman Mobile Applications
25.3.23 2 26.3.22			Saturday & Sunday Holiday

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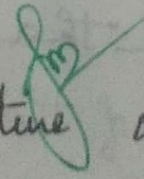
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[27.3.23 - 1.4.23]

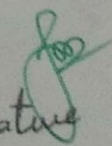
Date	Day order	Class/ Hour	Topics
27.3.23	II	I - M.5C II - M.5C 4	II - Internal Revision
28.3.23	III	III - B1 2 II - M.5C 3	II - Internal
29.3.23	IV	III - B1 1 II - M.5C 4, 5	II - Internal Project discussion
30.3.23	I	III - B1 2 II - M.5C 4	II - Internal Revision
31.3.23	V	I - M.5C 2 III - B1/B III B2/5	II - Internal Project discussion
01.4.23	I	II B1/1 II - M.5C 2, 3, 4	Project discussion <del>Holiday</del> Lab Exercise text.

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Date	Day order	class/ Hour	Topics
3.4.23	<u>II</u>	II-M.bc 1 II-M.bc 5	Framework Inturb
04.4.23			Mahaveer Jeyanthi Holiday
05.4.23	<u>III</u>	II-M.Sc. 2 II-M.bc 3	Types of Inturb Activities
06.4.23	<u>IV</u>	III-B <sub>1</sub> 1 II-M.bc 4, 5	Methods - Custom types Lab Exercise
07.4.23			Good Friday Holiday
08.4.23	<u>V</u>	III-B <sub>1</sub> 1 II-M.bc 4	Inheritance List View

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10.4.23 - 15.4.23

Date	Day order	class/ Hour	Topics
10.4.23	<u>VI</u>	<u>II-M.bc</u> 2 <u>III-B1</u> 3	Application Handling Exception
11.4.23	<u>I</u>	<u>III-B1</u> 1 <u>II-M.bc</u> 2, 3, 4	motivation Lab Exercise
12.4.23	<u>II</u>	<u>II-M.bc</u> 1 <u>II-M.bc</u> 5	Project visit
13.4.23	<u>III</u>	<u>III-B1</u> 2 <u>II-M.bc</u> 3	Project visit
15.4.23	<u>IV</u>	<u>III-B1</u> 2 <u>II-M.bc</u> 3	scope of diff time working with Activity

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17.4.23 - 29.4.23

Date	Date order	Class/ Hour	Topics
17.4.23	<u>V</u>	<u>III</u> B1 2 <u>II</u> -M.bc 4	tuple method. Revision
18.4.23	<u>VI</u>	<u>II</u> -M.bc 2 <u>III</u> B1/3 <u>III</u> B2/4	Revision set method. Project discussion
19.4.23	<u>I</u>	<u>III</u> B1/1 <u>II</u> -M.bc 2,3,4	Project discussion Lab Exercise
20.4.23	<u>II</u>	<u>III</u> -B) 2 <u>II</u> -M.bc 4	Test (5 mark I unit). Test (2 marks)
21.4.23	<u>III</u>	<u>II</u> -M.bc 2 <u>III</u> B1/3 <u>III</u> B2/5	Revision line method. Project, discussion

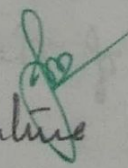
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24.4.23 - 29.4.23

Date	Day Order	Class / Hour	Topics
24.4.23	<u>IV</u>	III - B <sub>1</sub> II - M.BC 4, 5	Revision Project Verification
25.4.23	<u>V</u>	III - B <sub>1</sub> II - M.BC 2, 4	Revision Revision
26.4.23	<u>VI</u>	II - M.BC III - B <sub>1</sub> / 3 III B <sub>2</sub> / 5	Revision Revision Project discussion
27.4.23	<u>I</u>	III B <sub>1</sub> II - M.BC 2, 3, 4	Project discussion Model practical Lab
28.4.23	<u>II</u>	II - M.BC I II - M.BC 5	University practical Exam
29.4.23	<u>II</u>	II - M.BC I II - M.BC 5	University practical Exam


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2.5.23 - 13.5.23

Date	Day order	Class / Hour	Topics
2.5.23	<u>III</u>	<u>III</u> B1	University practical Exam
3.5.23		2 <u>II</u> - M.Sc 3	
4.5.23	<u>IV</u>	<u>III</u> - B1	University practical Exam
5.5.23		1 <u>II</u> - M.Sc 415	
6.5.23	<u>V</u>	<u>III</u> - B1	University practical Exam
7.5.23		2 <u>II</u> - M.Sc 4	
8.5.23	<u>VI</u>	<u>II</u> - M.Sc	University practical Exam
9.5.23		2 <u>III</u> B1 / 3 <u>III</u> B2 / 5	
10.5.23 to 12.5.23	<u>VII</u>	<u>III</u> B1	University practical Exam
		2 <u>II</u> - M.Sc 4	
13.5.23	<u>II</u>	<u>II</u> - M.Sc 2 <u>III</u> B1 5	Farewell

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