

Lab Course
Scratch, MOE (BC11501) and PPA (BC11503)

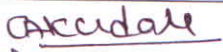

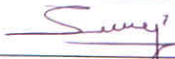

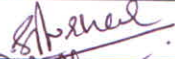


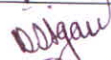
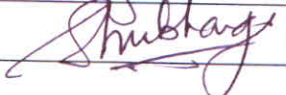
Semester I

Subject Code: BCP11506

Lectures: 48

Objectives:

- The syllabus aims in equipping students with
- Creating basic documents, worksheets, presentations and database.
 - Usage of software packages daily.
 - Developing skills for writing basic programs using 'C'.

Name	Sign
Prof. Gautam Kudale	
Prof. Mahesh Pawar	
Mr. Suraj Agarwal	
Ms. Netra Jadhav	
Mrs. Smita Borkar	
Mrs. Divya Chitre	
Mrs. Monika Rajguru	
Ms. Deepali Agarwal	
Mrs. Shubhangi Jagtap	



Unit 1: Ms-Office 2007

**14
Lects.**

- Ms-Word
 - ✓ Creating tables and adding shapes, clipart
 - ✓ Header and footer
 - ✓ Hyperlink
 - ✓ Mail merge
- Ms-PowerPoint
 - ✓ Creating Slide Show
 - ✓ Adding Custom Animation and effects
 - ✓ Using hyperlink
- Ms-Excel
 - ✓ Simple Arithmetical function and formulae
 - ✓ Scientific functions
 - ✓ Creating charts
- Ms-Access
 - ✓ Creating tables, Adding fields and data.



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Prof. Gautam Kudale	<i>Gautam Kudale</i>
Prof. Mahesh Pawar	<i>Mahesh Pawar</i>
Mr. Suraj Agarwal	<i>Suraj</i>
Ms. Netra Jadhav	<i>Netra</i>
Mrs. Smita Borkar	<i>Smita Borkar</i>
Mrs. Divya Chitre	<i>Divya Chitre</i>
Mrs. Monika Rajguru	<i>Monika Rajguru</i>
Ms. Deepali Agarwal	<i>Deepali Agarwal</i>
Mrs. Shubhangi Jagtap	<i>Shubhangi Jagtap</i>

Unit 2 Scratch	10 Lects.
• Basic Animations using Scratch	10

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Ms. Netra Jadhav	<i>Netra Jadhav</i>
Mrs. Smita Borkar	<i>Smita Borkar</i>
Mrs. Divya Chitre	<i>Divya Chitre</i>
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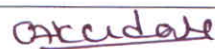

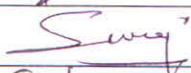
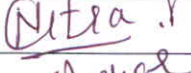


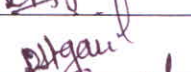

UNIT 3 : PPA

**24
Lects.**

- Assignment to demonstrate use of data types, simple operators (expressions) 5
- Assignment to demonstrate decision making statements (if and if-else, nested if). 5
- Assignment to demonstrate decision making statements (switch case) 4
- Assignment to demonstrate use of simple loops 4
- Assignment to demonstrate use of nested loops 4
- Assignment to demonstrate menu driven programs. 5
- Assignment to demonstrate writing C programs in modular way (use of user defined functions) 5

Reference Books:

- *Let us C* –Yashwant Kanetkar, BPB publication 10 th edition 2010.
- *Programming in ANSI C* - Balguruswamy, Tata McGraw-Hill publication 3 rd edition 2004.
- *The Complete Reference C* – Herbert Schildt, Tata McGraw-Hill publication 3 rd edition 2008.
- *Microsoft Office 2007*- Greg Perry Pearson Education 3 rd edition 2009.

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