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| **week 1** | **DATE** |  |  |
| **Assignments** |  |  | UNIT-I :-INTRODUCTION TO VB |
| **week 1** | **1/1/2018** | **Day 1,1.1.1** | Introduction to visual basic |
| **week 1** | **2/1/2018** | **Day 2,1.1.2** | Visual and non visual programming |
| **week 1** | **3/1/2018** | **Day 3,1.2** | Procedure oriented programming |
| **week 1** | **4/1/2018** | **Day 4,1.3** | Object oriented programming |
| **week 1** | **5/1/2018** | **Day 5,1.4** | Event –Driver programming Languages |
| **week 1** | **6/1/2018** | **Day 6,1.5.1** | Definition of visual basic |

FACULTY - MS. RENU SUBJECT- VISUAL BASIC PROGRAMMING

SEMESTER-VITH  PAPER CODE-6.1

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| **week 2** |  |  |  |
| **Assignments** |  |  |  |
| **week 2** | **8/1/2018** | **Day 1,1.5.2** | Hardware and software requirement of visual basics |
| **week 2** | **9/1/2018** | **Day 2,1.5.3** | Feature of visual basics |
| **week 2** | **10/1/2018** | **Day 3,1.5.4** | Starting visual basic |
| **week 2** | **11/1/2018** | **Day 4,1.6.1** | Visual basic integrated development environment |
| **week 2** | **12/1/2018** | **Day 5,1.6.2**  **1.6.3** | Tool bar  project explorer |
| **week 2** | **13/1/2018** | **Day 6,1.6.4**  **1.6.5** | Properties window  title bar |

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| **week 3** |  |  |  |
| **Assignments** |  |  |  |
| **week 3** | **15/1/2018** | **Day1,1.6.6**  **1.6.7** | Menu bar  tool bar |
| **week 3** | **16/1/2018** | **Day 2,1.7** | Form designer |
| **week 3** | **17/1/2018** | **Day 3,1.8** | Immediate window |
| **week 3** | **18/1/2018** | **Day4,1.9.1** | Application of visual basic |
| **week 3** | **19/1/2018** | **Day5,1.9.2** | Visual development |
| **week 3** | **20/1/2018** | **Day 6,1.10** | Event driven programming |

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| **week 4** |  |  | UNIT-II:-BASICS OF PROGRAMMING |
| **Assignments** |  |  |  |
| **week 4** | **22/1/2018** | **Day1,2.1.1** | Basics of programming |
| **week 4** | **23/1/2018** | **Day2,2.1.2** | Data type in visual basic |
| **week 4** | **24/1/2018** | **Day3,2.2.1** | Variables |
| **week 4** | **25/1/2018** | **Day 4,2.2.2** | Declaration of variables |
| **week 4** | **27/1/2018** | **Day5,2.2.3** | Fixed length and variable length string |

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| **week 5** |  |  |  |
| **Assignments** |  |  |  |
| **week 5** | **29/1/2018** | **Day 1,2.3.1** | Converting variables types |
| **week 5** | **30/1/2018** | **Day 2,2.3.2** | Object variables |
| **week 5** | **31/1/2018** | **Day 3,2.3.3** | Variant variables |
| **week 5** | **1/2/2018** | **Day 4,2.3.4** | Assign values to variables |
| **week 5** | **2/2/2018** | **Day 5,2.4** | Variable scope and lifetime |
| **week 5** | **3/2/2018** | **Day 6,2.5** | Static variable |

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| **week 6** |  |  |  |
| **Assignments** |  |  |  |
| **week 6** | **5/2/2018** | **Day1,2.6** | Constants, named and intrinsic |
| **week 6** | **6/2/2018** | **Day2,2.7.1** | Operators, Arithmetic operators |
| **week 6** | **7/2/2018** | **Day3,2.7.2** | Relational operators |
| **week 6** | **8/2/2018** | **Day4,2.7.3** | Logical operators |
| **week 6** | **9/2/2018** | **Day5,2.7.4** | Concatenation operators |
| **week 6** | **10/2/2018** | **Day6,2.7.5** | Comment statement |

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| **week 7** |  |  |  |
| **Assignments** |  |  |  |
| **week 7** | **12/2/2018** | **Day1, 2.8** | Various controls for I/O in VB |
| **week 7** | **13/2/2018** | **Day2, 2.9.1** | Message box |
| **week 7** | **14/2/2018** | **Day3, 2.9.2** | Input box |
| **week 7** | **15/2/2018** | **Day4,2.10.1** | Print statement |
| **week 7** | **16/2/2018** | **Day5,2.10.2** | Comment statement |
| **week 7** | **17/2/2018** | **Day6,2.10.3** | discussion |

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| **week 8** |  |  | UNIT- III :-PROGRAMMING WITH VB |
| **Assignments** |  |  |  |
| **week 8** | **19/2/2018** | **Day 1,3.1.1** | Decisions an conditions |
| **week 8** | **20/2/2018** | **Day 2,3.1.2** | If statement, IF-else statement |
| **week 8** | **21/2/2018** | **Day 3,3.2.3** | If then else statement |
| **week 8** | **22/2/2018** | **Day 4,3.2.4** | Nested if statement |
| **week 8** | **23/2/2018** | **Day 5,3.2.5** | Select case |
| **week 8** | **24/2/2018** | **Day 6,3.3.1** | Looping statement |

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| **week 9** |  |  |  |
| **Assignments** |  |  |  |
| **week 9** | **26/2/2018** | **Day 1,3.3.2**  **3.3.3** | Do loops,  for-next |
| **week 9** | **27/2/2018** | **Day 2,3.3.4**  **3.3.5** | while –wend  exit statement |
| **week 9** | **28/2/2018** | **Day 3,3.3.6** | Nested control structure |
| **week 9** | **1/3/2018** | **Day 4,3.4.1**  **3.4.2** | Array declaration  One dimensional array |
| **week 9** | **3/3/2018** | **Day 6,3.4.3** | Multidimensional array |

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| **week 10** |  |  |  |
| **Assignments** |  |  |  |
| **week 10** | **5/3/2018** | **Day 1,3.5.1** | Static arrays |
| **week 10** | **6/3/2018** | **Day 2,3.5.2** | Dynamic arrays |
| **week 10** | **7/3/2018** | **Day 3,3.5.3** | Control array in VB |
| **week 10** | **8/3/2018** | **Day 4,3.6.1** | collections |
| **week 10** | **9/3/2018** | **Day 5,3.6.2**  **3.6.3** | Creating collection  add collection |
| **week 10** | **10/3/2018** | **Day 6,3.6.4**  **3.6.5** | Remove collection  counting collection |

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| **week 11** |  |  |  |
| **Assignments** |  |  |  |
| **week 11** | **12/3/2018** | **Day 1,3.6.6** | Returning item in a collection |
| **week 11** | **13/3/2018** | **Day 2,3.6.7** | Processing a collection |
| **week 11** | **14/3/2018** | **Day 3,3.6.8** | discussion |
| **week 11** | **15/3/2018** | **Day 4,4.1** | Procedures |
| **week 11** | **16/3/2018** | **Day 5,4.2** | subroutines |
| **week 11** | **17/3/2018** | **Day 6,4.3.1**  **4.3.2** | Event handler  functions |

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| **week 12** |  |  | UNIT-IV :-PROGRAMMING WITH VB |
| **Assignments** |  |  |  |
| **week 12** | **19/3/2018** | **Day 1,4.4** | Calling procedure |
| **week 12** | **20/3/2018** | **Day 2,4.5.1** | Passing argument to procedure |
| **week 12** | **21/3/2018** | **Day 3,4.5.2** | Call by value, passing argument by reference |
| **week 12** | **22/3/2018** | **Day 4,4.5.3** | Optimal arguments |
| **week 12** | **23/3/2018** | **Day 5,4.5.4** | Named arguments |
| **week 12** | **24/3/2018** | **Day 6,4.6.1** | Functions returning custom data type |

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| **week 13** |  |  |  |
| **Assignments** |  |  |  |
| **week 13** | **26/3/2018** | **Day 1,4.6.2** | Returning custom data type |
| **week 13** | **27/3/2018** | **Day 2,4.6.3** | Function returning array |
| **week 13** | **28/3/2018** | **Day 3,4.7.1** | Working with forms and menu |
| **week 13** | **29/3/2018** | **Day 4,4.7.2** | Adding multiple forms in VB |
| **week 13** | **30/3/2018** | **Day 5,4.8** | Hiding and showing forms |
| **week 13** | **31/3/2018** | **Day 6,4.9.1** | Load statement |

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| **week 14** |  |  |  |
| **Assignments** |  |  |  |
| **week 14** | **2/4/2018** | **Day 1,4.9.2** | Unload statement |
| **week 14** | **3/4/2018** | **Day 2,4.10.1** | Creating menu |
| **week 14** | **4/4/2018** | **Day 3,4.10.2** | Modifying menu, deleting menu |
| **week 14** | **5/4/2018** | **Day 4,4.10.3** | Adding shortcut keys |
| **week 14** | **6/4/2018** | **Day 5,4.10.4** | Sub menus |
| **week 14** | **7/4/2018** | **Day 6,4.10.5** | Popup menus |

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| **week 15** |  |  |  |
| **Assignments** |  |  |  |
| **week 15** | **9/4/2018** | **Day 1,4.11** | Activate events and deactivate menu |
| **week 15** | **10/4/2018** | **Day 2,4.12.1** | Form load event |
| **week 15** | **11/4/2018** | **Day 3,4.12.2** | Difference between form\_ load and active events |
| **week 15** | **12/4/2018** | **Day 4,4.12.3** | Menu designing in VB |
| **week 15** | **13/4/2018** | **Day 5,4.13.1** | Simple program in VB |
| **week 15** | **14/4/2018** | **Day 6,4.13.2** | program |

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| **week 16** |  |  |  |
| **Assignments** |  |  |  |
| **week 16** | **16/4/2018** | **Day 1,4.14.1** | Discussion |
| **week 16** | **17/4/2018** | **Day 2,4.14.2** | Unit test |
| **week 16** | **18/4/2018** | **Day 3,4.14.3** | revision |