	5.	**Remote Controlled Car Using Raspberry Pi and Bluetooth**	
	6.	**Fingerprint Sensor based door locking system using Raspberry Pi**	
	7.	**Raspberry Pi Ball Tracking Robot using Processing**	
	8.	**Web Controlled Home Automation using Raspberry Pi**	
	9.	**Line Follower Robot using Raspberry Pi**	
	10.	**Raspberry Pi based Smart Phone Controlled Home Automation**	
	11.	**Web Controlled Raspberry Pi Surveillance Robotic Car**	
	12.	**Raspberry Pi Based Weight Sensing Automatic Gate**	
	13.	**Raspberry Pi Emergency Light with Darkness and AC Power Line Off Detector**	
	14.	**Detecting Colors using Raspberry Pi and Color Sensor TCS3200**	
	15.	**Measure Distance using Raspberry Pi and HCSR04 Ultrasonic Sensor**	
	16.	**Call and Text using Raspberry Pi and GSM Module**	
	17.	**Raspberry Pi Home Security System with Email Alert**	
	18.	**Raspberry Pi Based Obstacle Avoiding Robot using Ultrasonic Sensor**	
	19.	**Web Controlled Notice Board using Raspberry Pi**	
	20.	**RF Remote Controlled LEDs Using Raspberry Pi**	
	21.	**RFID and Raspberry Pi Based Attendance System**	
	22.	**Raspberry Pi Interactive Led-Mirror**	
	23.	**Garage Door monitor using Raspberry Pi**	
	24.	**Raspberry Pi Digital Code Lock on Breadboard**	
	25.	**Electronic Voting Machine using Raspberry Pi**	
		Section 'B' Total Hrs.	**28**
		Total A + B	**52**

Reference Books:

1. Simon Monk, "Hacking Electronic: Learning Arduino and Raspberry Pi", McGraw-Hill Education TAB; 2 edition (September 28, 2017)
2. Simon Monk, "Raspberry PI Cookbook Software and Hardware Problems and Solutions" O'Reilly 2nd Edition
3. Simon Monk, Programming the Raspberry Pi, 2nd Edition: Getting Started with Python" The McGraw Hill
4. "DK Workbooks: Raspberry Pi Project Workbook", DK Children; Workbook edition (March 7, 2017)
5. Donald Norris, "Raspberry Pi Electronic Projects for Evil Genius", McGraw-Hill Education TAB; 1 edition (May 20, 2016)

Software Tools:

1. Raspbian OS: https://www.raspberrypi.org/downloads/
2. Win32 Disk Imager: https://sourceforge.net/projects/win32diskimager/
3. SD Card Formatter: https://www.sdcard.org/downloads/formatter/
4. Arduino IDE: https://www.arduino.cc/en/main/software

Online Repository:

1. GitHub
2. NPTEL Videos on Raspberry Pi and Arduino Programming
3. https://www.electronicsforu.com/raspberry-pi-projects
4. https://circuitdigest.com/simple-raspberry-pi-projects-for-beginners
5. https://www.electronicshub.org/raspberry-pi-projects/