

Govt. Polytechnic Sundernagar (H.P.)

Practical Planning & Coverage

Branch : Computer Engineering

Semester : 6th

Subject : Internet of Things (IoT)

Session : March - July 2021

Teacher : Er. Hem Raj, Lecturer- Computer Engg. Lab. : IoT_Lab

Pract. No.	Description of Practical	Reference for Procedure/ Writeup	Likely Dates	Actual Dates	Signature
1.	To setup environment for Arduino	https://www.electronicsforu.com https://projects.raspberrypi.org	March 8,9,12		
2.	To understand the logical board layout of Arduino	-Do-	March 15,16,18,19		
3.	To interface basic components like LEDs with development board	-Do-	March 22,23,25,26		
4.	To interface basic components like LEDs with development board	-Do-	March 30		
5.	To interface basic sensors and actuators with development board	-Do-	April 1		
6.	To interface basic sensors and actuators with development board	-Do-	April 5,6,8,9		
7.	To interface various communication modules with development board	-Do-	April 12,13,16		
8.	To interface various communication modules with development board	-Do-	April 19,20,22,23		
9.	To setup environment for Raspberry Pi	-Do-	April 26,27,29,30		
10.	To understand the logical board layout of Raspberry Pi	-Do-	May 3,4,6,7		
11.	To interface various communication modules with development board	-Do-	May 10,11,13		
12.	To interface basic components with development board	-Do-	May 17,18,20,21		
13.	To interface basic sensors and actuators with development board	-Do-	May 24,25,27,28		
14.	To develop, test and implement the designed project	-Do-	June 1,3,4		
15.	To develop, test and implement the designed project	-Do-	June 7,8,10,11		
16.	To develop, test and implement the designed project	-Do-	June 14,15,17,18		
17.	To develop, test and implement the designed project	-Do-	June 21,22,25		
18.	To develop, test and implement the designed project	-Do-	June 28,29		
19.	To develop, test and implement the designed project	-Do-	July 1,2,5		

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Teacher's Signature

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Signature of HoD