

**GOVT. POLYTECHNIC, HAMIRPUR (H.P.)**  
**Practical Planning**

**Branch:** Computer Engineering

**Semester:** 6<sup>th</sup>

**Subject:** WIRELESS COMMUNICATION AND MOBILE COMPUTING

**Session:** JAN-MAY 2024

**Teacher:** Mukesh Bhardwaj

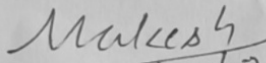
**Laboratory:** Yes


Sr. No.	No of Practical hours planned	Aim of the Practical	Reference for Procedure/ Writeup	Remarks
1	04	To identify various wireless networking devices and to recognise physical topology in the lab.	R1, R2	
2	16	To create WLAN of at least five wireless devices using any simulation tool (e.g packet tracer).	R1, R2	
3	08	To setup a WLAN using access point.	R1, R2	
4	08	To transfer data between two wireless devices (e.g.PC-PC, PC-Smart phone)	R1, R2	
5	12	Data sharing using bluetooth.	R1, R2	
6	08	Case study of Android operating syytem.	R1, R2	

**References:**

R1: Wireless Communication: Principles and Practice by Theodok S. Rappaport, Pearson education.

R2: Mobile Computing: Technology, Applications and Service Creation by Asokek Talukdar and Roopa R. Yavagal, TMA.

  
29/01/2024  
Signature of Teacher with Date

  
Signature of HOD