

**ATAL BIHARI VAJPAYEE GOVERNMENT INSTITUTE OF ENGINEERING AND  
TECHNOLOGY, PRAGATINAGAR**

**Department of Electronics & Communication Engineering**

***Vision: To be a center of excellence in ECE education and research, fostering innovation  
and producing highly skilled professionals***

**SYNOPSIS SUBMISSION FOR PROJECT-1**

**B.Tech ECE – 7th Semester**

**1. Title of the Project:**

*(Write the proposed project title clearly and concisely)*

Example: “Design and Implementation of Smart Home Automation System using IoT”

**2. Name of the Student(s):**

- Name 1 (Roll No.)
- Name 2 (Roll No.) *(if in a group)*

**3. Name of the Supervisor:**

- Name & Designation of the Project Guide

**4. Problem Statement:**

A brief description of the problem or need your project aims to address (5–6 lines).

**5. Objectives of the Project:**

- Clearly define the main objectives of your project
- List 3–5 focused goals

**6. Proposed Methodology:**

A brief explanation of how the project will be executed:

- Technologies/tools/platforms to be used
- System design approach (block diagram if applicable)
- Data flow or working process (basic description)

#### **7. Expected Outcomes:**

- What will be the deliverables at the end of the project?
- What are the measurable outputs?

#### **8. Timeline/Work Plan (for Project-1):**

<b>Activity</b>	<b>Duration Tentative Dates</b>
Literature Review	2 Weeks [Start Date – End Date]
Design/Planning	2 Weeks
Implementation (Partial)	3 Weeks
Mid Review & Documentation	1 Week

#### **9. References (if any):**

Mention any research papers, websites, or books referred while preparing the synopsis.

#### **Signature of the Student(s)**

(Signature with Date)

#### **Signature of the Project Supervisor**

(Name & Designation)

#### **HOD (ECE Department)**

(Signature with Seal)

## **Formatting Guidelines**

- **Paper Size:** A4
- **Margins:**
  - Top: 1 inch
  - Bottom: 1 inch
  - Left: 1.25 inch
  - Right: 1 inch
- **Font:** Times New Roman
- **Font Size:**
  - Title Page: 16 pt (Title), 14 pt (Headings)
  - Main Text: 12 pt
- **Line Spacing:** 1.5
- **Paragraph Alignment:** Justified
- **Section Headings:** Bold and underlined
- **Page Numbers:** Bottom center (from Page 2 onwards)

# **DESIGN OF VIVALDI ANTENNA FOR VEHICULAR COMMUNICATION**

**PROJECT SYNOPSIS**

**OF PROJECT-1 (EC-711)**

**BACHELORS OF TECHNOLOGY**

**ELECTRONICS AND COMMUNICATION**

**SUBMITTED BY**

**XXXXXX**

**(18BT010432)**



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

**ENGINEERING, ABVGIT Pragatinagar (H.P.)- 171202**

**AUGUST 2025**