**ST. VINCENT PALLOTTI COLLEGE OF ENGINEERING & TECHNOLOGY, NAGPUR**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

**SESSION 2021 - 2022**

**7th Semester-Project Abstract**

**Smart Solar Grass Cutting System for Lawn**

**Abstract:** A Solar grass cutter is a machine that uses sliding blades to cut a lawn at an even length. Even more sophisticated devices are there in every field. Power consumption becomes essential for future. Solar grass cutter is a very useful device which is very simple in construction. It is used to maintain and upkeep lawns in gardens, schools, college’s etc. We have made some changes in the existing machine to make its application easier at reduced cost. Our main aim in pollution control is attained through this. Unskilled operation can operate easily and maintain the lawn very fine and uniform surface look. In our project, ―Solar grass cutter is used to cut the different grasses for the different application.

Keywords: 1) Dc Motor

2) Wireless Module

3) Microcontroller

4) Solar Pannel

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