

Abstract Details

Title: Design and development of bush cutter

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Abstract: All good products are based on good ideas; similarly it is utmost to effectively convert such ideas into functional and durable machines. Bush cutter is a cutter which is used to cut the inessential bushes. It helps to cut the inessential bushes. The hybrid bush cutter can cut both ways i.e. Horizontal and vertical. The estimated budget is less around available cutters. Work on the model contains different mechanisms and parts. Sliding mechanism and 360-degree rotation are the most important part of the model which provides versatile moment and height adjustment as per the bush's height. To reduce the human effort by repeating the same process, thus uses the horizontal and vertical movement of cutter. Power source is the battery for make it much convenient and efficient. Whole setup is placed on four wheels trolley which makes it user-friendly and aborts the tradition of carrying heavy bush cutters on hand.

Keywords: *electric bush cutter, battery bush cutter, petrol bush cutter, vertical oriented blade, horizontal oriented blade.*