

Autonomous System for Home Gardening and Green House Farming Using Computer Numerical Control

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Automated systems are increasingly present in modern industry and everyday life. Their applications range from health-related situations, assistance to elderly people or surgical operations, to automated industrial applications. Recently, an interest towards the application of robotics in agriculture and gardening has arisen, with applications to automatic seeding and cropping or to plant disease control etc. In this paper, a novel robot that is developed specifically for home gardening and Green House applications is presented. The project aims at prototyping an outdoor robot for automated farming.

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