|  |  |  |  |
| --- | --- | --- | --- |
| **Title:** | Design and Implementation of Speech Controlled Spider Bot | | |
| **Author(s) Name:** | Kazi Mustafizul Gani, Hafezur Rahman Chowdhury, Sakil Khan, Tauhid, Wayes Arefin and Saniat Rahman Zishan | | |
| **Contact Email(s):** | saniat@aiub.edu | | |
| **Published Journal Name:** | European Journal of Advances in Engineering and Technology | | |
| **Type of Publication:** | Journal | | |
| **Volume:** | 4 | Issue | 9 |
| **Publisher:** | European Journal of Advances in Engineering and Technology | | |
| **Publication Date:** | 2017 | | |
| **ISSN:** | 2394 - 658X | | |
| **DOI:** |  | | |
| **URL:** | https://ejaet.com/PDF/4-9/EJAET-4-9-678-685.pdf | | |
| **Other Related Info.:** | 678-685 | | |
|  | | | |

|  |  |
| --- | --- |
| **Abstract:** |  |
| This paper emphasizes in the construction of hardware & software of spider bot and creates a powerful combination between them. Speech controlled spider bot is in the field of robotics, where it has integrated the hardware & software to create a working, walking model. The robot has four operational feet that will move it to the relegated goal. One of the benefits of strolling robots is that they are more qualified to deal with harsh territory than versatile robots. The experiment began with the building of a prototype & integrating its design into the real robot. The spider bot is able to move its body with the circular rotation of servomotor & the rotation of servos are controlled through speech which is conveyed wirelessly via Bluetooth with the help of software called BitVoicer. An additional programming language termed Python is also used in this project as a medium of communication. DroidCam app is used to act android camera as spy camera. | |