



HOME ASSISTANT USING ARTIFICIAL INTELLIGENCE

¹Dr. J.P. PATRA

¹Associate Professor, Dept. of CSE,SSIPMT, Raipur, CG, India

²Ms. NITIKA SETHIA

²Dept. of Computer Science and Engineering, SSIPMT, Raipur, CG, India

³Ms. PRACHI GUPTA

³Dept. of Computer Science and Engineering, SSIPMT, Raipur, CG, India

ABSTRACT

Artificial Intelligence (AI) is a field that has a long history but is still constantly growing and changing. AI is bifurcated into many sub-divisions and this paper deals with a small part of the AI technology. This paper mainly deals with brain-driven technology and its control of an individual's house. "Home Assistant" would majorly help the physically disabled and eventually make them able to their own work. This paper relies on an individual's own thought process and it will not require any physical work from an individual's side. This paper elaborates a system which integrates a variety of signals and sensors like image sensors, video sensors etc. It has an automated caller ID system in case of any emergency cases. This system works on the principle of asynchronous mechanism of AI. Advancement in this sector of technology will be a giant leap forward in the science world, which would make the disabled, able.

Keywords:- Artificial Intelligence (AI), Brain-Computer Interface (BCI), EEG, Bio Control System, Spatiotemporal Electroencephalograms Etc.
