



RESEARCH ARTICLE

Design and Implementation of Posture Identification System

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Abstract— Robots are, or soon will be, used in such critical domains as search and rescue, military battle, mine and bomb detection, scientific exploration, law enforcement, and hospital care. Such robots must coordinate their behaviors with the requirements and expectations of human team members; they are more than mere tools but rather quasi-team members whose tasks have to be integrated with those of humans. Proposed system will be a robotic vehicle having 360 degree of rotation with camera to take input and processed to calculate input to the system. System will scan for human behavior through camera and try to follow the human object and it will also get the input through human speech and interpret speech to input signal and perform the task as per given to the system.

Key Terms: - Robotics; Embedded System; Markov Model; RSSI

Full Text: <http://www.ijcsmc.com/docs/papers/August2013/V2I8201310.pdf>