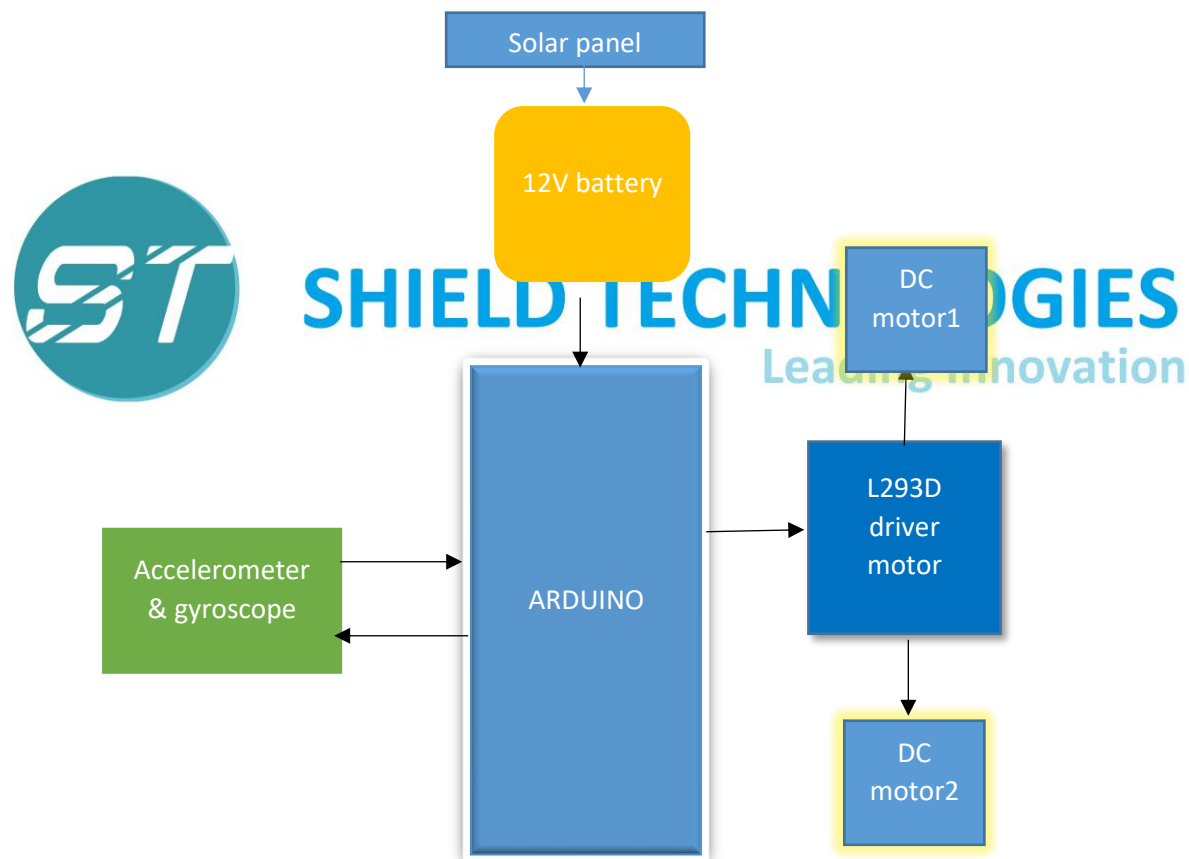


ABSTRACT

DESIGN AND FABRICATION OF SELF BALACING BICYCLE

Self-balancing is the most advanced technology. This can by design by robot. Self-balancing bicycle by robot which promotes that a robot should be able to have locomotion using the balancing capabilities just as the humans also possess. Main aim of this project is to design a self-balancing bicycle by robot which balances itself with the help of a gyroscope. The Self Balancing Robot Project consists of an ARDUINO microcontroller-controlled system which with the help of its sensors mounted on the robot is able to balance the robot in upright posture. If the robot is given a jerk in forward direction to tilt it in forward direction then it will oppose that force and try to be in the balanced position as it was.

BLOCK DIAGRAM:



NOTE-2021 Latest Best Mechanical Final year Project ideas and technical information can be provided.

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