

DDMS(A.M.S)P.OBUL REDDY PUBLIC SCHOOL

CLASSES VI,VII &VIII ROBOTICS CLUB

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Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronics engineering, information engineering, computer science and others. Robotics deals with the design, construction, operation and use of robots, as well as computer systems for their control, sensory feedback and information processing.

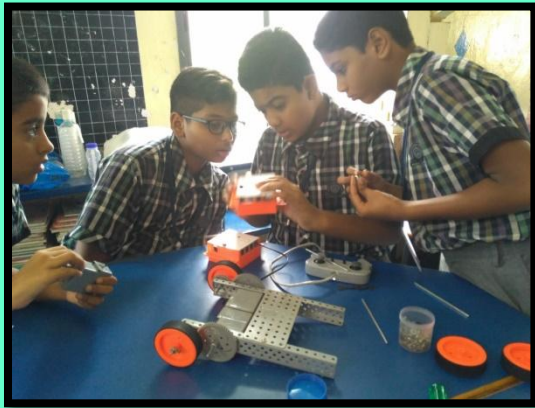
These technologies are used to develop machines that can substitute for humans and replicate human actions. Robots can be used in many situations and for lots of purposes like manufacturing processes or where humans cannot survive. As a part of Holistic education school has introduced Robotics as one of the clubs.



striker robot and Claw robot.

During the months of June, July and August students of the club made several robots which includes Tri wheel robot, Swift base robot, Ball

Students demonstrating Tri wheel robot. The rare wheel usually prevents the robot from falling over.



Students assembling Swift base robot. Swift base robots have 4 wheels, 4 drive motors and use skid steering.

Students giving demo of the Ball striker. This robot is used for kicking the ball. The robot uses two plastic geared motors and a motor connected to the metal shaft.



Students displaying the Claw robot. The claws of these robots are used to grab, grip & even clamp objects easily.