

## Omnidirectional Vision System

### Description:

The goal is to build an omnidirectional vision system that can be interfaced with the mobile robot platform recently developed in the year of 2008 – 2009 for Robocup. The vision system should be able to take 360° images around the robot within the field. Using this system the soccer ball should be located with enough accuracy for both direction and distance so that the robot could head toward the ball.



**Students needed:** 3 EE/CmpE

**Sponsor:** Raytheon

Non-multidisciplinary project