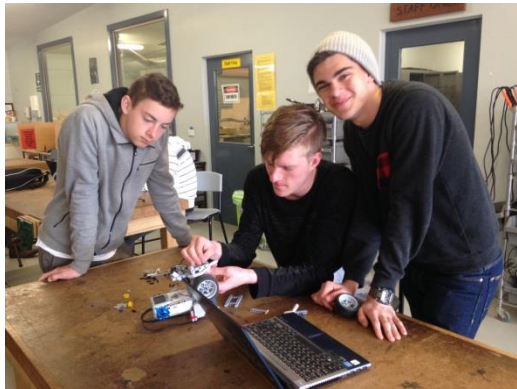


WORKSHOP

CHRISTIAN COLLEGE SYSTEMS ENGINEERING

ROBOCUP

Christian College systems engineering teacher, Brian Thomas, graciously hosts the AFLOI students. He provides a platform for students to apply their knowledge of science, engineering, maths and computer programming to make Lego robots that 'play soccer' in an enthralling battle of machines.



STUDENT HIGHLIGHTS

- How to program a robot and how it follows an infra-red ball
 - How wide spread and big Robo soccer is globally
 - I learnt about how robotics is a growing industry of the future, and how to code a basic Lego robot
 - I learnt how easy it is to program and how much fun it is
 - I learnt about the robot soccer game and robot programming
 - How to program a robot to play soccer by using sensors
 - How to program Lego Mindstorms and how infrared sensors work with them
- I learnt how programming is valuable in order to successfully do things
 - The level of robotics even at schools is very advanced and can make robots do complicated things
 - Within the next 10 years, half of the jobs available haven't been invented yet
 - Systems and IT are the ideal jobs to look out for in the future
 - How the software was so advanced and easy to do when I thought things like that would be a lot more complicated
 - I was amazed by the sophistication of even the basic robots we were programming. And how we were able to activate the sensors to do specific things
 - Programming isn't that hard and that it can be learnt quickly

