KAWAGOE LAB.

［Educational activities based on IIS research］

Office for the Next Generation

http://www.iis.u-tokyo.ac.jp/~shiok/supernova/

Engineering Literacy

Educational activities based on IIS research

Research for educational activities based on IIS cutting-edge research

Aim: Research and development of new educational activities and outreach activities by cooperating with the industry, and improvement of science and technology literacy of younger generation

◇Problems: "The shortage of next-generation researchers and engineers" and " Low scientific literacy of younger generations"
　　→At elementary and secondary education, there is almost no opportunity to be exposed to engineering and technology
◇Improvement of science and technology literacy
　　→It is important to understand Science and Technology in terms of their social roles, when high school or junior high school students study mathematics and science.
◆ Educational activities by cooperating with industries are planned and carried out.
◆ Research for new educational models in order to improve science and technology literacy among younger generation.
◆Carry out various educational activities and outreach activities

Educational activities cooperated with the industries

visiting lectures

Workshops

Development of Teaching Materials

Experimental teaching-materials

digital teaching materials

Various Educational activities and outreach activities

science cafe

seminar

Institute of Industrial Science