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March 24 13:30 ~ 15:00 Bldg.#6 Sakai Memorial Hall
Plenary Session 1

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Eiichi Sentoku graduated from the Department of Mechanical Engineering and completed the mechanical engineering PhD program at Kanazawa Institute of Technology. Professional engineering educator.

On the PBL Education Program For Developing Students' Skills of Creativity and Innovation

In Kanazawa Institute of Technology, Project-based learning (PBL) so called as Project Design has been carried out as the most important part of the curriculum since the 1st reform of the educational system in the 1995 academic year. This Project Design is team learning. In this course, freshmen must select themselves the problem to be solved from natural and social phenomena encountered their daily life and solve themselves the problem by experiments.

As a result, the student can keep high motivation and acquire the habit of investigating themselves and studying on themselves. These are the most important objects in this course.

In addition to this, the student learns specialized knowledge in their major courses. Through these, the student raises an ability to convert knowledge into wisdom and the amount of knowledge. From this reason, the graduate student of Kanazawa Institute of Technology has the rate of employment. And they evaluate as an able worker in the company where they found a job. This shows that the education in Kanazawa Institute of Technology is very useful in a company. This is the reason why the university student can play greatly an active part in society after graduation.