

## Decision of Institutional Thematic Assessment

The attainment level of goals of National Institute of Technology, Numazu College is good in the area of Institutional Thematic Assessment A (research activities) set by NIAD-UE.

Good practices identified in Institutional Thematic Assessment A include:

- The college's "Division for the Development of Technologies Utilizing Hydrogen," a donation-funded research division established in September 2010, in which a full-time professor belonging to the division and members at three research laboratories in the Chemistry and Biochemistry Department conduct research on subterranean water flowing from Mt. Fuji, applying engineering technologies to this precious resource in order to develop technologies for efficiently producing hydrogen water, which is beneficial to medicine and health, as well as technologies for preserving organic products and adding high value to food by using hydrogen, with results being produced in the development of technologies for producing hydrogen water and technologies for preserving food.

The attainment level of goals of National Institute of Technology, Numazu College is excellent in the area of Institutional Thematic Assessment B (educational services offered to students other than full-time students) set by NIAD-UE.

Good practices identified in Institutional Thematic Assessment B include:

- The "Training Engineers in Small and Medium-sized Enterprises in the Eastern Part of Shizuoka Prefecture to Acquire Techniques and Skills Required for High-precision Machining and Designing" program and the "Development of Manufacturing Human Resources with High-level Skills and Techniques Required for Precision Parts Production in the Eastern Part of Shizuoka Prefecture" program, selected and carried out in FY2006, 2007 and 2008 in METI's Program to Support the Development of Human Resources in Small and Medium-sized Enterprises by Utilizing Colleges of Technology, with the high satisfaction rates and evaluations among participants and the companies dispatching them rising every year; and the college's continuous efforts to augment these programs, and
- The "Fuji Medical Engineer Training [F-met]" program, selected in the program for Creating Local Human Resource Fostering Institutions financed by MEXT's Special Coordination Funds for Promoting Science and Technology, which is part of the

“Pharma Valley Project” promoted by Shizuoka Prefecture to transform the eastern part of the prefecture into a cluster area of medical and health industry business with the college being in charge of human resource development; the achievements of the college’s F-met program, including the launch of joint research projects with participating companies, the building of networks among participating companies, and the cultivation of closer cooperation with local medical institutions resulting in new frameworks for cooperation between medicine and engineering, exemplified by the conclusion of a cooperation agreement with the National Hospital Organization Shizuoka Medical Center; and the “F-met salon,” established mainly by the top executives of the participating companies to create opportunities for companies to exchange information, which is an example of the significant ripple effects that the F-met program is having on the eastern part of Shizuoka Prefecture.

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