

#### Decision of Institutional Thematic Assessment

The attainment level of the goals of the National Institute of Technology, Nagaoka College is excellent in the area of Institutional Thematic Assessment, Theme A: Research Activities.

The review committee has identified the following best practices in the area of Institutional Thematic Assessment A:

- 1) As a result of technical consultations and industry-academia collaboration activities with the support of a hired coordinator, the number of technical consultations increased from 11 to 24, and the number of cases that led to joint research, etc., increased from 2 to 10 from FY2019 to FY2020. The external funding obtained through collaborative research has increased from 10.05 million yen to 14.79 million yen from FY2019 to FY2020.

The attainment level of the goals of the National Institute of Technology, Nagaoka College is satisfactory in the area of Institutional Thematic Assessment, Theme B: Community Outreach.

The review committee has identified the following best practices in the area of Institutional Thematic Assessment B:

- 1) To create innovations that contribute to solving African development issues by utilizing the manufacturing of the local city of Nagaoka and to create regions through reverse innovation to solve social problems faced by local municipalities in Japan, the College has agreed with the Japan International Cooperation Agency (JICA) to build its business with the cooperation of Nagaoka City, Nagaoka University of Technology, and the NPO Nagaoka Activation Zone of Energy (NAZE). The students engaged in learning problem-solving and presented the results in the classes *Engineering Design Exercise*, *Internship*, and *Project-Based Program* in 2020.

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