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Japan System Techniques Co., Ltd.

JAST and Ehime University Start Joint Research for Developing an Early Alert System Using Educational Data

Japan System Techniques Co., Ltd. (Head Office: Kita-ku, Osaka; President and CEO: Taku Hirabayashi; JAST) and Ehime University (Location: Matsuyama-shi, Ehime; President: Hiroshige Nishina), a Japanese national university, have started a joint research project that has the goal of developing a student academic performance early alert system using educational data.

By quickly generating reports about the status of academic performance, the system is expected to strengthen support for instructors and students and improve lessons and other educational programs. A press conference to announce this joint research project was held at the E.U. Regional Commons of the Johoku Campus of Ehime University on October 23, 2025.



From left: Ryo Manabe, Specially Appointed Assistant Professor, Education and Student Support Organization, Ehime University;
Toshiki Nakai, Deputy Director, Institution for Education and Student Support, Ehime University;
Hidenori Yahiro, Director, Institution for Education and Student Support, Ehime University;
Satoshi Ochiai, Senior Executive Officer, JAST; Kenji Nojima, General Manager, GAKUEN Business Division, JAST

◆Background

Ehime University is designated as a base for the development of faculty capabilities, which means the university is used as a location for joint education programs of the Ministry of Education, Culture, Sports, Science and Technology. The university ranks among the leaders in Japan in the fields of institutional research, faculty development and staff development. JAST's GAKUEN Series, which is a university management system that supports administrative and educational activities, was launched 30 years ago and has a proven track record of implementation in more than 450 universities and other academic institutions in Japan. This joint research project combines the expertise of Ehime University involving institutional research and the graduation prediction model (see note) the university developed and JAST's educational data involving the academic progress of students, classes completed and other items. The goal is a new prediction model that can identify early indications of students having difficulty with lessons or students who may drop out. JAST and Ehime University have signed a joint research agreement, as aligned with their shared goal of achieving more effective course support and learning assistance.

◆Research activities and outlook

By analyzing academic data in prior years, the joint research project aims to identify factors that affect the ability of students to graduate. Using this insight for current students is expected to allow accurately determining progress with their lessons and quickly identifying students who need assistance. Instructors can then provide support in a timely manner. The result is a stronger support framework for students, including a better ability to identify educational issues and improve lesson plans, enabling universities to offer even higher quality education. The research project is expected to continue until the end of March 2028. Results of the project are expected to help build a sound infrastructure for education at universities throughout Japan as well as to be incorporated in the functions of the GAKUEN Series.

Strong support and cooperation involving joint research programs by JAST is an important part of activities to accomplish the JAST VISION 2035, which has the goal of becoming a problem-solving company recognized by everyone. JAST is committed to playing a role in creating a sustainable society by helping solve problems concerning educational institutions and society.

Note: [Ehime University Graduation Forecast 2025, Faculty and Staff Development Base – Office for Educational Planning and Research, Ehime University](#)

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