

Results of Evaluation of the Fiscal Year 2023
Business Achievements of the Public University Corporation,
the University of Aizu(Fiscal Year Evaluation)

Results of the Evaluation of the Business Performance
Related to the Third Medium-term Goal Period
of the University of Aizu(FY2018-2023)

Results of Evaluation of the Fiscal Year 2023 Business Achievements of the Public University Corporation, the University of Aizu (Fiscal Year Evaluation)

Part 1 “Overall Evaluation”

The self-evaluation of the corporation in regard to its business performance for FY2023, the final year of the third medium-term goal period, is as follows.

Total Items: 179

“A: Annual Plan Surpassed”	54 Items (30.2%)
“B: Annual Plan Achieved”	120 Items (67.0%)
“C: Achievement Below Annual Plan”	4 Items (2.2%)
“D: Achievement Well Below Annual Plan”	1 Items (0.6%)

The corporation has worked to achieve the third medium-term goal through active efforts related to education, research, internationalization, local contribution, and support for reconstruction and revitalization of the prefecture, and has achieved results in these fields. Particularly, the efforts to support recovery from the Great East Japan Earthquake and the Fukushima Daiichi Nuclear Disaster and regional revitalization and the efforts for research including collaboration with Fukushima Institute for Research, Education and Innovation (“F-REI”) are worthy of high praise.

1. The University of Aizu

The University of Aizu (UoA) strives not only to nurture excellent researchers and engineers who can play an active role in the field of computer science and engineering in Japan and abroad, but also to develop human resources with an entrepreneurial spirit. Furthermore, the university is actively engaged in internationalization through the acceptance of international students and the MEXT’s Top Global University Project.

In addition, the university is actively working to create new industries and expand employment through a number of efforts. This includes industry-academia-government collaboration in the robot industry in the Hamadori region based at the Fukushima Robot Test Field, cooperation in prefectural health surveys in collaboration with the Fukushima Medical University, human resource development projects involving advanced ICT technology, and the creation of university-launched startups. The university is highly evaluated for its contribution to the reconstruction of the prefecture and the revitalization of the region.

Also, the university has signed a basic agreement with F-REI regarding cooperative partnerships and is actively working on collaboration.

2. UoA Junior College Division

The University of Aizu Junior College Division (JCD) is working to nurture professionals who can contribute to the local community by acquiring knowledge and skills in specialized fields such as industry, management, design, information, environment, health, nutrition, food, education, childcare, and welfare.

In addition, the JCD is actively engaged in public relations activities to attract excellent students, industry-academia-government collaboration and cooperation, student-planned practical learning and education, off-campus lectures and public lectures, activities to support reconstruction, and detailed life counseling for students, etc., which are highly commendable.

The evaluation by item of the corporation in regard to its business performance for FY2023 is as follows.

	A	B	C	D
Improvement of the Quality of Education/Research	○			
Education	○			
Research	○			
Internationalization	○			
Regional Contribution and Reconstruction Support	○			
Collaboration and Cooperation with Local Communities	○			
Development of Regional Industry	○			
Revitalization Support	○			
Improvement of Administrative Operation and Effectiveness		○		
Improvement of Business Operation and Effectiveness		○		
Improvement of Financial Affairs		○		
Self-assessment / Evaluation, etc.		○		
Other Business Operations		○		

Part 2 “Evaluation by Item”

1. Measures That Should Be Taken to Achieve Goals Related to Increasing the Quality of University Education and Research, Etc.

[Evaluation] We recognize that “I: The Annual Plan Was Sufficiently Carried Out.”

(1) Measures Taken to Achieve Education Goals

[Evaluation] We recognize that “I: The Annual Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

(UoA)

- ① ○ In order to attract excellent students, efforts were made to set up examination sites in Tokyo and Kyoto. As a result, the competition rate for the general selection was 4.5 to 1, largely achieving the target of 5.0 to 1.
- ② ◎ With cooperation from female students currently enrolled in the university, efforts were made to increase the number of female students, including public relations activities targeting mainly women and the establishment of incentive grants for female students. As a result, the percentage of female students to total enrollment reached 15.1%, far exceeding the target of 12%.
- ③ ○ As a result of various efforts, such as integrated undergraduate-master’s program and public relations activities by faculty members, the capacity fulfillment rate of the Master’s Program was 79.2%, which largely achieved the target of 80%.
- ④ ○ The International Engineer Development Program was accredited by JABEE (a third-party educational program accreditation organization), which guarantees the quality of engineering education.
- ⑤ ○ As a result of university-wide efforts to strengthen English language skills, no student was unable to advance to the third year of undergraduate study due to the English language requirement of a TOEIC® score of 450 or higher.
TOEIC® scores of 450 or higher: First-year students: 71.6% (target 60%)
Second-year students: 91.9% (target 100%)
- ⑥ ○ In order to reduce the occurrence of underperforming students, efforts were made to identify and alert struggling students at an early stage, and individual interviews with these students and their parents were conducted by faculty members.
- ⑦ ◎ The ICT Global All-English Program (that allow students to complete their undergraduate studies entirely in English) increased its visibility, and the number of enrolled students increased by more than 23% from the previous fiscal year to 131 (63 international students, 58 Japanese students, and 10 non-degree students), achieving the goal of 112 students.
- ⑧ ○ The UoA held tours of companies in the prefecture as well as joint company information sessions with companies in the prefecture and

others, to inform students about companies in the prefecture.

- ⑨ ○ As a result of hiring two outstanding female faculty members through open international recruitment, the ratio of female faculty members reached 11.8%, achieving the target of 10%.

(JCD)

- ① ○ As a result of holding hybrid (face-to-face and online) open campuses, visiting high schools outside of the prefecture in order to attract excellent students, and other efforts, the competition rate increased to 2.2 to 1, achieving the target of 2.0 to 1.
- ② ○ In order to promote students' independent learning, the Department of Food and Nutrition developed a curriculum tree map (a chart showing the relationship between courses).
- ③ ○ Efforts were made to increase the number of students acquiring qualifications by offering related courses. As a result, the acquisition rate of students looking to acquire qualifications was as shown in the table below, and the target was largely achieved.

Department of Industrial Information Sciences	Qualifications to take the 2nd-class Architect and the Wooden Architect Test: 100% Test in Color Coordination Level 2: 100%, Level 3: 95%, UC Grade: 100%
Department of Food and Nutrition Sciences	The Nutritionist License: 100%, Qualification to take the Food Specialist certification exam: 100%, Qualification to take the NR / Supplement Advisor certification exam: 100%
Department of Early Childhood Education and Welfare: 100%	The Type-2 Kindergarten Teacher License and Certificate for Nursery Teacher: 100% Nursery Teacher License: 100% Qualifications to take the social worker exam: 100%

- ④ ◎ Through the provision of information on related companies, the target was achieved for the employment rate for positions requiring license qualifications (nutritionist, second-class kindergarten teacher license, nursery teacher).
Department of Food and Nutrition Sciences Performance: 100% (Target: 100%)
Department of Early Childhood Education Performance: 100% (Target: 100%)
- ⑤ ◎ Academic Affairs Welfare Committee members, seminar instructors, and student counselors responded to 2,969 consultations from students as

needed.

- ⑥ ○ Proactive efforts were made to support students in finding employment by consolidating information on job offers in the prefecture and providing it to students, as well as by holding Hello Work (unemployment office) consultations on campus twice a month.
- ⑦ ◎ In order to improve the living environment of the student dormitory (Ikki Dorm), after checking the opinions and current status of the dormitory students, gas water heaters were replaced, bathrooms and changing rooms were cleaned, and a microwave oven was purchased, among other improvements. In addition, efforts were made to prevent the spread of infection by utilizing vacant rooms as isolation rooms for those with infectious diseases.

(Common)

- ① ○ Both the UoA and JCD maintained a high employment rate by providing detailed support through joint company information sessions, company tours, career education, understanding of students' career preferences, individual interviews with students by employment support staff, and the introduction of employment support tools on a trial basis.
 - UoA (Graduate School) Performance: 100% (Target: 100%)
 - UoA (Undergraduate School) Performance: 98.6% (Target: 100%)
 - JCD Performance: 99.2% (Target: 100%)
- ② ◎ We provided the following support to students: tuition fee reductions and exemptions, mental health support, and the distribution of prepaid cards using the University of Aizu Student Living Expense Support.

(2) Measures Taken to Achieve Research Goals

[Evaluation] We recognize that "I: The Annual Plan Was Sufficiently Carried Out."

[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: Δ]

- ① ○ The UoA concluded new partnership agreements with universities in three countries/regions (Indian Institute of Technology Kanpur, India; Universidad of Icesi, Colombia; and Universidad of Carthage, Tunisia) and conducted joint research with Kyoto Institute of Technology and other universities.
- ② ◎ The UoA made efforts to publish research internationally, and made the achievements below. The university also made efforts to utilize intellectual property, establishing an Intellectual Property Advisor to maintain and manage its intellectual property.
 - Number of major journal papers accepted: Performance: 363 papers (Target: 300)

Number of academic paper citations: Performance: 7,455 (Target: 3,000)

The KAKENHI acceptance rate for new projects: Performance: 25.6% (Target: 30%)

Number of patent applications: Performance: 15 applications (Target: 12)

- ③ △ The JCD gave research achievements back to regional society by, among other things, conducting regional practical research. However, the number of conference presentations decreased to less than half of the number before the pandemic. This was due in part to the long-term restriction of research activities caused by the pandemic. As a result, the number of published research activities was 60, failing short of the target of 100.
- ④ ◎ The UoA and JCD actively promoted industry-academia-government collaboration and made efforts to obtain external funds, significantly exceeding the targets as shown below.
- Acquisition of open research funding: Performance: 167 grants (Target: 120)
- Acquisition of external funding: Performance: 460 million yen (Target: 250 million yen)
- ⑤ ○ The university worked with the Science Council of Japan and other organizations to hold an international conference on astronomy in Koriyama City, Fukushima Prefecture, which was attended by members of the Imperial Family.
- ⑥ ◎ In addition to concluding a collaboration agreement with F-REI, The UoA started a commissioned research project aimed at creating a robot development environment and development of human resources.

(3) Measures for Achieving Objectives Related to Internationalization

[Evaluation] We recognize that “I: The Annual Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

- ① ○ Regarding exchange agreements with overseas universities, etc., the university has concluded agreements with 67 universities in 22 countries/regions including the U.S., China, India, and Europe, and has sent students to these partners for overseas training and study abroad. Specific efforts based on the exchange agreements include conducting joint research, promoting dual degree programs (in which students study for one year each in the master’s programs of both the UoA and partner universities abroad, and obtain two master’s degrees upon completion),

- and actively conducting exchanges, etc. of researchers and students.
- ② ○ The university provided financial support for three international conferences.
 - ③ ◎ 196 international students were accepted, bringing the percentage of international students to 14.3%, achieving the target of 10%.
 - ④ ○ The number of Japanese students with study abroad/internship experience increased to 52, achieving the target of 50, as a result of efforts to utilize financial aid from the Japan Student Services Organization (JASSO), corporations, and other sources.
 - ⑤ ◎ Utilizing crowdfunding, a project was implemented for international students and others to learn about reconstruction activities in Hamadori after the Great East Japan Earthquake.

2. Measures to be Taken to Achieve Goals Regarding Regional Contribution and Provision of Support for the Recovery from the Great East Japan Earthquake, etc.

[Evaluation] We recognize that “I: The Annual Plan Was Sufficiently Carried Out.”

(1) Measures to Achieve Goals Related to Collaboration and Cooperation with Local Society, etc.

[Evaluation] We recognize that “I: The Annual Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

- ① ◎ The following off-campus lectures and public lectures including student-led projects were held to give intellectual resources of the UoA back to regional society.

	Public Lectures	Off-campus Lectures
<UoA>	18 lectures	34 lectures
<JCD>	6 lectures	174 lectures

- ② ○ The UoA dispatched faculty members to junior and senior high schools in the prefecture, giving catered lectures to a total of 46 schools, and made other efforts to improve academic skills in English and science and mathematics subjects. In addition, four one-off lectures were held as part of the high school-university collaboration project with Aizu Gakuho Senior High School.
- ③ △ “PC Koshien 2023” was held, and 1,502 senior high school students, etc. from across Japan participated. Since the goal of 2,000 participants was

not achieved, further development of the event needs to be considered.

- ④ ○ We supported the Computer Science Summer Camp University of Aizu 2023 for high school students, and received 72 applicants for the 40 slots. Participants were highly motivated and the camp contributed to uncovering senior high school students interested in ICT.
- ⑤ ◎ The UoA conducted two joint research projects with Fukushima Medical University and eight joint research projects with private companies, etc. in the medical and healthcare fields. The UoA also exhibited the technology of the development of an intelligent bathtub system at Medical Creation Fukushima.
- ⑥ ◎ The UoA applied for the university-launched innovative startup creation project conducted by Academia Consortium Fukushima (a consortium of higher education and other institutions in Fukushima Prefecture), with two projects being adopted. We worked on research to solve the issues addressed in the projects.
- ⑦ ◎ The UoA worked on multiple projects (in 12 fields) based on the basic agreement on the promotion of Smart City Aizuwakamatsu. In addition, we worked with Koriyama City, Shirakawa City, Iwaki City, Fukushima Prefecture, and other municipalities to support DX in local governments in the prefecture.
- ⑧ ◎ The UoA contributed to the development of IT human resources by holding lectures at senior high schools in the prefecture where students learned the basics of robot simulators and programming, which are foundation of e-sports (a total of 147 students from 3 schools participated).
- ⑨ ◎ The JCD conducted 33 student-planned practical learning and education programs, offering the knowledge of JCD faculty and the ideas of the students to companies and other organizations.
- ⑩ ◎ The JCD engaged in 48 regional cooperative / collaborative projects (66% increase from the previous fiscal year) by actively accepting commissioned projects from municipalities, companies, etc., achieving the goal of 20 projects.

(2) Specific Measures Regarding Promotion of Regional Industry

[Evaluation] We recognize that “I: The Annual Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

- ① ◎ The UoA held the Aizu IT Autumn Forum with the aim of contributing to the use of ICT and the advancement of the digital society (total of 100 on-site participants and 5,200 total views).
- ② ◎ In order to support DX of small and medium-sized enterprises in the

prefecture, students visited five small and medium-sized enterprises in the prefecture, surveyed and analyzed issues, and made proposals for solving problems suited to each company.

- ③ ◎ The UoA held 335 Aizu Open Innovation Meetings (AOI Meetings) to provide technical consultation and exchange opinions, leading to the commercialization of six projects, thereby contributing to the promotion of industry and resolution of regional issues.

(3) Measures for Achievement of Goals regarding Provision of Support to Reconstruction Efforts from the Great East Japan Earthquake

[Evaluation] We recognize that “I: The Annual Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

- ① ◎The UoA provided robotics and ICT education to senior high school students and others in the Hamadori region, mainly at the University of Aizu Robot Test Field Research Center (inside the Fukushima Robot Test Field in Minamisoma City), with a total of 535 students participating.
- ② ○ The UoA also promoted industrial development in evacuated areas in a number of ways. This includes conducting joint research with center tenant companies, joining the Minamisoma Robotics Industry Council, and providing advice as members of the Robotics Development Study Group.
- ③ ◎ The UoA provided an opportunity for 110 women seeking to learn ICT skills through the Women’s IT Career Enhancement Program, surpassing the maximum enrollment capacity, and contributed to employment for 57 women.
- ④ ○ A UoA faculty member worked on cybercrime prevention as the Fukushima Prefectural Police Headquarters Cybercrime Countermeasure Advisor. The UoA also offered cyber security exercise courses in cooperation with private companies as part of an effort to develop cyber security talent.
- ⑤ ○ Based on the partnership agreement with Okuma Town, the JCD dispatched two lecturers to the Yume no Mori compulsory education school.
- ⑥ ○ In addition, the JCD carried out three cooperative activities related to revitalization support for disaster-affected municipalities and residents who have returned home.

3. Measures Taken to Achieve Goals Related to Improving and Streamlining Administrative Operation

[Evaluation] We recognize that “II: The Annual Plan Was Largely Carried Out.”

(1) Measures to Achieve Goals Related to Improving and Streamlining Business Operations

[Evaluation] We recognize that “II: The Annual Plan Was Largely Carried Out.”

[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives: O, Issues Requiring Work, etc.: Δ]

- ① ○ Two corporate employees were hired, bringing the ratio of corporate employees to 47.1%, achieving the target of 45%. In addition, seven faculty members were hired through international open recruitment, etc. (including four non-Japanese and three female faculty members).
- ② ○ Use of electronic application for general affairs and accounting-related procedures was started to improve the efficiency of administrative procedures.

(2) Measures Taken to Achieve Goals Related to Improving Financial Composition

[Evaluation] We recognize that “II: The Annual Plan Was Largely Carried Out.”

[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives: O, Issues Requiring Work, etc.: Δ]

- ① △ The University-Business Innovation Center (UBIC) facilities were not available to be rented out after October due to major renovation work. The target was not achieved with rental income of 28.05 million yen for the Laboratory for leading-edge ICT in Aizu (LICTiA).
- ② ○ The UoA participated in various events to exhibit its technology and continued collaboration with the Technology Licensing Organization (TLO) to promote the utilization of its intellectual property.
- ③ ◎ The UoA provided financial support to students through the “UoA Student Living Expense Support Fund” by providing students with prepaid cards that can be used at the university cafeteria and shop. In addition, the largest number of scholarship donations (20 donations totaling 35.83 million yen) in the past six years was accepted to support students and faculty research.
- ④ ○ The JCD actively and widely publicized the use of the scholarship and solicited donations, and awarded scholarships to 12 students.

(3) Measures Taken to Achieve Self-Inspection/Evaluation and Information Disclosure Goals

[Evaluation] We recognize that “II: The Annual Plan Was Largely

Carried Out.”

**[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives:
○, Issues Requiring Work, etc.: △]**

- ① ○ Information on excellent research results such as SLIM’s successful landing on the moon, awards received by faculty and students, industry-academia collaborations, and public lectures were actively disseminated through the university website and various media. The English version of the university’s webpage was actively updated to disseminate information widely both domestically and internationally.

(4) Measures Taken to Achieve Other Business Operation Goals

[Evaluation] We recognize that “II: The Annual Plan Was Largely Carried Out.”

**[Particularly Praise-worthy Initiatives in FY2023:◎ Praise-worthy Initiatives:
○, Issues Requiring Work, etc.: △]**

- ① ○ In addition to regular interviews during personnel evaluation (five times a year), staff interviews were held in a timely manner to detect issues with the mental/physical wellbeing, etc. of personnel in an early juncture and to follow up with them afterwards. In addition, we provided training video on mental health.
- ② ◎ The network system was updated to improve communication response. The configuration of the networks used for education and research was also revised in an effort to optimize the usage of networks. In addition, anti-spam and security measures were implemented.
- ③ △ The rate of UoA students undergoing the health checkup fell to 82.4% due to effects of the pandemic, and did not return to the pre-pandemic levels. This was despite measures taken by the UoA including extending the number of days that students could undergo the checkup, conducting nurse interviews online, and utilizing an appointment system. The health checkup rate for JCD students was 100%, achieving the target.

Results of the Evaluation of the Business Performance Related to the Third Medium-term Goal Period of the University of Aizu (FY2018 - FY2023)

Part 1 “Overall Evaluation”

The self-evaluation of the corporation in regard to its business performance during the third medium-term goal period is as follows.

Total Items: 179

“A: Medium-term Plan Surpassed”	58 Items (32.4%)
“B: Medium-term Plan Achieved”	114 Items (63.7%)
“C: Achievement Below Medium-term Plan”	7 Items (3.9%)
“D: Achievement Well Below Medium-term Plan”	0 Items (0.0%)

The corporation achieved results that exceeded its medium-term goals through active efforts related to education, research, internationalization, regional contribution, support for reconstruction and revitalization, and other matters.

In particular, efforts aimed at contributing to recovery from the Great East Japan Earthquake and the Fukushima Daiichi Nuclear Power Plant Accident such as talent development, joint research, and promotion of industry and culture, etc., leveraging its specialties in computer science and engineering, industrial information science, food nutrition science, early childhood education, and social welfare can be highly evaluated.

The evaluation by item of the corporation in regard to its business performance for the third medium-term goal period is as follows.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Estimated Evaluation	Actual Evaluation
Improvement of the Quality of Education/Research	II	II	II	I	II	I	II	I
Education	II	II	II	I	II	I	II	I
Research	II	I	I	I	II	I	I	I
Internationalization	II	I	I	I	II	I	I	I
Regional Contribution and Reconstruction Support	I	I	I	I	I	I	I	I
Collaboration and Cooperation with Local Communities	I	I	I	I	I	I	I	I
Promotion of Regional Industry	I	II	I	I	I	I	I	I
Revitalization Support	I	II	II	I	I	I	I	I

Improvement of Administrative Operation and Effectiveness	II	II	II	II	II	II	II	II
Improvement of Business Operation and Effectiveness	II	II	II	II	II	II	II	II
Improvement of Financial Affairs	II	I	I	II	II	II	II	II
Self-assessment / Evaluation, etc.	II	II	II	II	II	II	II	II
Other Business Operations	I	II	II	II	II	II	II	II

1. The University of Aizu

The University of Aizu (UoA) strives to nurture excellent researchers and engineers who can play an active role in the field of computer science and engineering in Japan and abroad, as well as to develop human resources with an entrepreneurial spirit. Furthermore, the university is actively engaged in internationalization through the acceptance of international students and the MEXT's Top Global University Project.

The university is also actively working to create new industries and secure employment through industry-academia-government collaboration in the robot industry in the Hamadori region based on the Fukushima Robot Test Field, cooperation in prefectural health surveys in collaboration with Fukushima Medical University, human resource development projects involving advanced ICT, and the creation of university-launched startups. The university is highly evaluated for its contribution to the reconstruction of the prefecture and the revitalization of the region.

In addition, the university has concluded a basic agreement on cooperation and collaboration with the Fukushima institute for Research, Education and Innovation (F-REI) and has started commissioned research projects, etc. These active collaborations are highly evaluated.

The university continues to be ranked in the THE World University Rankings by Times Higher Education, a British education magazine, and has received worldwide recognition.

The university is also making efforts to expand the base of ICT human resource development by holding PC Koshien, computer science summer camps for junior and senior high school students, public lectures, programming exercises for senior high school students, etc. in the Hamadori area, and recurrent education for working adults.

Further, the university has already responded to the following issues identified

in the accreditation evaluation conducted by the Japan University Accreditation Association (JUAA) in 2017: 1. "the maximum credits undergraduate students can take each year is too high," 2. "the admission policy, diploma policy, and curriculum policy for each undergraduate and graduate program are not clearly differentiated," 3. "the doctoral program does not properly combine research work and coursework," and "research guidance plans are not sufficiently stated to students."

2. The University of Aizu Junior College Division

The University of Aizu Junior College Division (hereafter the "JCD") implemented initiatives aimed at developing professionals with specialized knowledge and skills - in industry, management, design, information, environment, health, nutrition, food, education, childcare, and welfare, etc. - capable of contributing to society working closely with the local community, and maintained their high employment rates.

The JCD also made active efforts in a variety of areas. This includes introduction of a new entrance examination system and active public relations activities in order to secure excellent students. It also includes cooperation and collaboration with partners in the industry, academia, government, and private sector, student-planned practical learning and education, off-campus lectures and public lectures, and activities to support reconstruction. Finally, it includes providing students with detailed lifestyle counseling, etc. All of these efforts can be highly evaluated.

In particular, faculty and staff are making concerted efforts related to the employment of students in the prefecture and collaboration and cooperation with the local community, which is highly commendable.

The JCD has already addressed the following issues pointed out in the accreditation evaluation by the Japan University Accreditation Association (JUAA) in 2017: "diploma policies have not been set for each department, and learning outcomes such as knowledge and abilities required to complete the program have not been stated," "the living environment for students has deteriorated due to the aging of the student dormitory (Ikki Dorm)," and "the JCD Library is too cramped."

Part 2 "Evaluation by Item"

1. Measures That Should Be Taken to Achieve Goals Related to Increasing the Quality of University Education and Research, Etc.

[Evaluation] We recognize that "I: The Medium-period Plan Was Sufficiently Carried Out."

(1) Measures Taken to Achieve Education Goals

[Evaluation] We recognize that "I: The Medium-period Plan Was

Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

(UoA)

- ① ◎ It is highly commendable that the university as a whole has made efforts to enhance English language education, increasing the percentage of undergraduate courses taught in English and achieving the goal of 50%. It is also highly commendable that a TOEIC® score of 400 or higher (450 or higher for students entering in AY2022 or after) was set as one of the requirements for advancement to the third year of undergraduate study, and that almost no students were retained in the second year due to the English requirement.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Ratio of undergraduate courses taught in English (Target: 50%)	29.9%	72.2%	66.7%	61.8%	62.5%	66.7%
Ratio of students meeting the TOEIC® requirement as of the end of their second year (Target: 100%)	81.9%	94.8%	87.7%	84.7%	90.8%	91.9%

- ② ○ In order to prevent students from underperforming, a system was established in which each student is assigned to a class mentor, and students with insufficient credits were given a warning. An academic probation system was also introduced for students enrolling in AY2018 or after, and efforts were made to identify underperforming students at an early juncture. Detailed support was provided to underperforming students, including interviews with the students and their guardians. Efforts to enhance learning supports, including the employment of learning support staff with specialized knowledge, as well as measures against COVID-19, such as remote classes, are also commendable.

	FY2019	FY2020	FY2021	FY2022	FY2023
Number of students newly failed to be promoted	28	26	42	24	23

- ③ ◎ In order to increase the number of female students, the university reviewed the school recommendation-based selection process,

established a scholarship for female students, and conducted public relations activities with the cooperation of current female students. As a result, the percentage of female students to total enrollment reached 15.1%, exceeding the target.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Percentage of female among new students (Target: 12%)	9.9%	9.5%	10.0%	10.2%	12.5%	15.1%

- ④ ○ The university has been engaged in various public relations activities to increase the percentage of students entering the graduate school, including offering the Honors Program (Integrated Undergraduate-Master's Program), which allows students to obtain a master's degree in five years, and largely achieved the target of 80% for the capacity fulfillment rate of the Master's Program.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Fulfillment rate of Master's Program admissions capacity (Target: 80%)	63.3%	67.5%	57.5%	65.8%	95.8%	79.2%

- ⑤ ◎ The International Engineer Development Program was accredited by JABEE (a third-party educational program accreditation organization), which guarantees the quality of engineering education.
- ⑥ ○ As a result of recruiting faculty members through international open recruitment, the ratio of full-time foreign faculty members was 60.0%, largely achieving the target of 60.7%. In addition, efforts were made to hire female faculty members, and the ratio of female faculty members reached 11.8%, achieving the target of 10%.

(JCD)

- ① ○ Each department of the JCD conducted support aimed at helping students acquire licenses and certifications, and the JCD largely achieved the targeted 100% acquisition rate for students wishing to obtain licenses and certifications.

Department of Industrial Information Sciences	Qualification for the 2nd-class Architect and the Wooden Architect exam, Test in Color Coordination
Department	Licensed Nutritionist, qualification to take the Food

of Food and Nutrition Sciences	Specialist certification exam, qualification to take the NR / Supplement Advisor certification exam
Department of Early Childhood Education and Welfare	The Type 2 Kindergarten Teaching License, Certificate for Nursery Teacher, qualification to take the Social Worker examination

- ② ◎ The goal of 100% was achieved in terms of the employment rate of students seeking employment in license-related occupations.
- ③ ○ Following the revision of the national childcare worker training program, the curriculum, courses, etc. of the Department of Early Childhood Education and Welfare were revised. Further, those changes were approved by the prefecture, which was needed as a designated childcare worker training facility.
- ④ ○ Faculty and staff members strove to provide student consultations and mental health support for students, offering attentive support to students.
- ⑤ ○ Efforts were made to improve the living environment of the student dormitory (Ikki Dorm), including renovation of the kitchen and cafeteria, increasing the amperage of the electrical system, and replacement of the lights in each room with LEDs. In addition, renovation work was done to replace the block walls with fences.

(Common)

- ① ○ Despite the pandemic, efforts were made through online publicity activities, etc. to secure the number of applicants sought by the university, and the target for the competition rate for the general entrance examination was largely achieved. In particular, JCD actively worked to secure quality students by changing the entrance examination method and revising public relations activities based on examinee questionnaires.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
UoA (Target: 5.0 to 1)	5.8 to 1	6.3 to 1	5.6 to 1	5.2 to 1	3.8 to 1	4.5 to 1
JCD (Target: 2.0 to 1)	3.1 to 1	3.1 to 1	2.4 to 1	2.7 to 1	2.5 to 1	2.2 to 1

- ② ○ The targeted 100% employment rate for students seeking employment was largely achieved through detailed support such as career education, individual interviews with students, and job hunting support by employment support staff.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
UoA (Graduate School)	100%	98.1%	97.4%	100%	100%	100%

UoA (Undergraduate School)	98.6%	98.1%	97.4%	99.2%	97.9%	98.6%
JCD	97.8%	97.7%	98.5%	98.3%	98.3%	99.2%

- ③ ◎ Both the UoA and JCD supported students by continuing to implement the tuition reduction and waiver system, providing students with subsidies utilizing the University of Aizu Student Living Expense Support Fund, providing students with prepaid cards that can be used on campus, supporting the mental health of students, and providing food assistance during the COVID-19 pandemic. In particular, the University of Aizu Student Life Support Fund was established in April 2019 and began accepting donations. It is highly commendable that the university is now able to proactively provide financial support to students who have difficulty in completing their studies.
- ④ ○ As part of faculty development (organized efforts to improve and enhance course content, etc.), the university conducted student evaluation questionnaires, presented awards to faculty members (Lecturer with Best Student Evaluations), held lectures by visiting lecturers, etc.

(2) Measures Taken to Achieve Research Goals

[Evaluation] We recognize that “I: The Medium-period Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives: ◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

(UoA)

- ① ◎ In order to strengthen its research capabilities, the UoA abolished the laboratory system and promoted research through research clusters (cross-organizational teams according to research themes).
- ② ○ In the past six years, 28 new agreements have been concluded with universities and research institutes in 12 countries/regions, and efforts to promote joint research, etc. are underway.
- ③ ◎ Although the annual KAKEN adoption rate target of 30% for new proposals was not achieved in some years, the number of major journal papers accepted, the number of academic papers cited, and the number of patent applications far exceeded the target. In particular, the number of academic paper citations increased by more than 80% in the past six years.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Number of major journal papers	282	313	295	303	354	363

accepted (Target: 300)						
Number of academic paper citations (Target: 3,000)	4,046	4,743	4,881	5,872	7,070	7,455
KAKEN adoption rate for new proposals (Target: 30%)	20.0%	26.7%	35.7%	20.0%	24.2%	25.6%
Number of external grants obtained (Target: 120)	116	135	157	141	172	167
Number of patent applications (Target: 12)	8	15	16	10	12	15

- ④ ○ In 2019, ARC Space was certified as an International Joint Usage / Research Center (the Center for Lunar and Planetary Exploration Archive Science) by MEXT, and is conducting joint research with researchers across the country.
- ⑤ ◎ The university has concluded a basic agreement on cooperation and collaboration with F-REI, and has started a commissioned research project for robot development environment and human resource development.

(JCD)

- ① ○ Research results were given back to regional society through industry-academia-government-private sector collaboration, and by solving regional issues through student-planned practical learning and education.
- ② △ The number of published research activities met the target of 100, except for the periods when human exchanges was restricted due to the COVID-19 pandemic.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Research activities published (Target: 100)	125	107	89	73	65	60

(Common)

- ① ◎ The amount of external funding and the number of grants obtained were

well above the targets.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Number of external grants obtained (Target: 120)	116	135	157	141	172	167
Amount of external funding acquired (Target: 250 million yen)	166.64 million yen	368.56 million yen	396.02 million yen	343.5 million yen	438.63 million yen	460.74 million yen

(3) Measures for Achieving Objectives Related to Internationalization
[Evaluation] We recognize that “I: The Medium-period Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

(UoA)

- ① ◎ Despite the impact of the COVID-19 pandemic, efforts were made to raise awareness of the University of Aizu and to attract excellent international students. These efforts were through, among other things, the Dual Degree Program (in which students study for one year each in the master’s programs of the University of Aizu and an overseas partner university and obtain two master’s degrees upon completion), the Global 3+2 Program (in which students complete three years of undergraduate study at an overseas partner university and then enter the master’s program at the University of Aizu to obtain a master’s degree in two years), and the ICT Global All-English Program (which allows students to complete their undergraduate studies using only English. Hereinafter referred to as the “ICTG Program”). As a result, the ratio of international students hit 14.3%, exceeding the target of 10%.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Percentage of international students (Target: 10%)	6.1%	7.9%	9.5%	12.4%	12.5%	14.3%
Number of ICTG students	32	41	69	76	106	131

- ② ○ Despite the economic impact of the COVID-19 pandemic, the weak yen, and soaring prices, efforts were made to expand study abroad and internship programs for Japanese students, improve the study abroad support system, and provide financial support using external funds. As a

result, the target number of Japanese students who studied abroad was achieved at 50.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Japanese students who studied abroad (Target: 50)	43	22	55	61	44	52

- ③ ◎ Global entrepreneurship education was established in the undergraduate and graduate schools with support from MEXT's Top Global University Project. In addition, in order to continue the project, efforts were made to make it self-sustaining, such as by securing external funding.
- ④ ○ Despite the impact of the COVID-19 pandemic, the university contributed to the internationalization of the campus and the region by holding exchange events in cooperation with local governments, the Support Association for International Students of the University of Aizu (SAISUA), and other entities, securing a new fundraising method by introducing a crowdfunding system, subsidizing expenses for international conferences organized by faculty members, etc.

2. Measures to be Taken to Achieve Goals Regarding Contribution to Local Communities and Provision of Support for the Recovery from the Great East Japan Earthquake, etc.

[Evaluation] We recognize that “I: The Medium-period Plan Was Sufficiently Carried Out.”

(1) Measures to Achieve Goals Related to Collaboration and Cooperation with Local Society, etc.

[Evaluation] We recognize that “I: The Medium-period Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

(UoA)

- ① ◎ The UoA concluded 12 new cooperative agreements with municipalities, businesses, and other partners, contributing to DX and regional revitalization through advisory activities, human resource development, solving regional issues, and other means.
- ② ◎ UoA actively engaged in cooperative research with Fukushima Medical University and private companies, etc.
- ③ ○ The UoA supported the Computer Science Summer Camp University of Aizu for junior and senior high school students, promoting the attractiveness of Aizu and developing ICT human resources.
- ④ △ The UoA's long years of efforts to talent development through the

All-Japan High School Computing Competition (PC Koshien) were recognized and the university received the Minister of Education, Culture, Sports, Science and Technology Award for the 23rd Engineering Education Awards from the Japan Society for Engineering Education. Though it is commendable that the university continued to hold the competition online during the COVID-19 pandemic, the goal of 2,000 participants was not achieved.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Number of PC Koshien participants (Target: 2,000)	1,906	1,850	1,555	1,716	1,505	1,502

(JCD)

- ① ◎ In terms of collaboration and cooperation with the local community, the JCD actively accepted projects commissioned by local municipalities and other organizations, and achieved the goal of 20 projects. In particular, in FY2023, there were 48 projects, 140% more than the target.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Number of collaboration and cooperation projects with local communities, etc. (Target: 20)	16	21	27	27	29	48

(Common)

- ① ◎ The corporation's intellectual resources were given back to regional society by continuously holding public lectures and off-campus lectures. This was made possible during the COVID-19 pandemic by switching these events to an online format.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Public Lectures	16	20	14	20	19	24
Off-campus Lectures	219	253	165	194	215	208

(2) Specific Measures Regarding Promotion of Regional Industry [Evaluation] We recognize that "I: The Medium-period Plan Was Sufficiently Carried Out."

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

- ① ◎ Aizu Open Innovation Meetings (AOI Meetings), where the university provides technical consultation to companies inside and outside the prefecture, were held, contributing to the promotion of industry through the development of these consultations into cooperative research and commercialization, etc. In addition, the university was selected by MEXT as a Regional Open Innovation Center (Regional Contribution Type) in recognition of its support for Aizuwakamatsu City's Super City Initiative, as well as its other collaborations with municipalities, private companies, and other partners.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Number of AOI meetings held (Target: 300)	373	340	316	311	315	335

- ② ○ 12 new university startups were certified as U-AIZU Ventures, bringing the total to 31, achieving the target of 30. In addition, support for and collaborative research activities with university startups were conducted.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Number of certified U-AIZU Ventures	3	2	2	3	2	0

(3) Measures for Achievement of Goals regarding Provision of Support to Reconstruction Efforts from the Great East Japan Earthquake

[Evaluation] We recognize that “I: The Medium-period Plan Was Sufficiently Carried Out.”

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

(UoA)

- ① ◎ The University of Aizu Robot Test Field Research Center (located in the Fukushima Robot Test Field in Minamisoma) has contributed to the realization of the Fukushima Innovation Coast Concept through industry-academia-government collaboration and talent development. More specifically, it has done so by testing and developing robots and advanced ICT technologies, collaborating with local manufacturers, and holding robotics technology workshops for high school students and others in the Hamadori region.
- ② ◎ The Women’s IT Career Enhancement Program was implemented to provide women who wish to work in the prefecture with opportunities to

learn programming and other skills, as well as to support their employment. This contributed to the employment of a cumulative total of more than 400 women during the period for the 3rd medium-term goals. The project received the 25th Engineering Education Award from the Japan Society for Engineering Education.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Number of participants who found employment	56	108	56	68	62	57

- ③ ◎ The UoA contributed to regional innovation by giving research results and technologies related to robotics back to companies in the prefecture. In addition, various efforts related to robotics have received high acclaim from outside the university, including an award for distinguished inter-university collaboration and a prize at the World Robot Summit.
- ④ ◎ The UoA cooperated in the prevention of cybercrime by providing advice as an advisor to the Fukushima Prefectural Police Cybercrime Prevention Headquarters. In addition, it is commendable that cyber security training was conducted during the COVID-19 pandemic to support small and medium enterprises in the prefecture.

(JCD)

- ① ○ The JCD supported the development of the future human resources of Okuma Town by dispatching lecturers in response to requests from the Okuma Town Learning Center Yume no Mori (Okuma Town elementary and junior high schools) and by opening its facilities for school events, etc.
- ② ○ Collaborative and cooperative projects regarding revitalization support were implemented with municipalities affected by the disaster and residents who have returned to their hometowns.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Number of collaborative and cooperative projects regarding revitalization assistance	5	12	5	7	3	3

3. Measures Taken to Achieve Goals Related to Improving and Streamlining Administrative Operation

[Evaluation] We recognize that “II:The Medium-term Plan Was Largely

Carried Out.”

(1) Measures to Achieve Goals Related to Improving and Streamlining Business Operations

[Evaluation] We recognize that “II:The Medium-term Plan Was Largely Carried Out.”

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: Δ]

(Common)

- ① ○ Efforts were made to improve administrative efficiency through paperless meetings using tablet devices, introduction of an electronic application system, etc. In addition, the amount of printer paper purchased was reduced by an average of 5.8%, achieving the target of an average of 5% reduction.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Sheets of printer paper purchased (Target: average of 3 million)	3.17 million	3.36 million	2.72 million	2.54 million	3.07 million	3.01 million

- ② ○ As a result of hiring staff through open recruitment, the ratio of corporate staff was 47.1%, exceeding the target of 45%.

(2) Measures Taken to Achieve Goals Related to Improving Financial Composition

[Evaluation] We recognize that “II:The Medium-term Plan Was Largely Carried Out.”

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: Δ]

- ① ○ Efforts were made to disseminate information on intellectual property by publishing the “Seeds Collection” and participating in various technology exhibitions, among other things. In collaboration with a technology transfer organization (TLO), one license agreement was concluded in FY2020.
- ② ○ In addition to hiring personnel from the Japan Patent Office, the position of intellectual property advisor (a commissioned patent attorney) was established to receive advice on the acquisition and utilization of intellectual property.
- ③ ○ By using the UoA Student Living Expense Support Fund, the UoA financially supported students. In addition, scholarship donations from Aizuwakamatsu City and private companies were accepted to support students and faculty research.
- ④ Δ There was a period when the target was not achieved due to the impact of

the prohibition of facility rental by external users due to the COVID-19 pandemic, as well as the impact of the major renovation of the University-Business Innovation Center (UBIC).

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
LICTiA and UBIC rent revenue (Target: 32 million yen)	25.23 million yen	27.87 million yen	31.22 million yen	29.95 million yen	29.31 million yen	28.06 million yen
Facility rent revenue (Target: 3 million yen)	3.74 million yen	3.04 million yen	0.65 million yen	0.74 million yen	1.41 million yen	2.02 million yen

(3) Measures Taken to Achieve Self-Inspection/Evaluation and Information Disclosure Goals

[Evaluation] We recognize that “II: The Medium-term Plan Was Largely Carried Out.”

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

(Common)

- ① ○ In order to improve the recognition of the corporation, information was actively disseminated on subjects including its participation in the Hayabusa2 project, research achievements such as the wildlife detection system, awards received by students and faculty members, industry-academia collaboration, and its contributions to the community.

(4) Measures Taken to Achieve Other Business Operation Goals

[Evaluation] We recognize that “II: The Medium-term Plan Was Largely Carried Out.”

[Particularly Praise-worthy Initiatives:◎, Praise-worthy Initiatives: ○, Issues Requiring Work, etc.: △]

- ① ◎ As measures against the COVID-19 pandemic, remote classes were conducted, e-books were procured, partitions were set up, and the restrooms at the JCD were renovated.
- ② ○ We made efforts to ensure compliance including a tool to check for plagiarism in research papers and holding various training sessions. For compliance training in particular, the target audience was expanded to include not only researchers but also master’s students.
- ③ △ In order to improve the health checkup rate among students, faculty, and staff, the UoA worked to create an environment that makes it easier for them to receive health checkups. This included offering checkups on

more days, making the health survey available online, and sending notification via e-mail of the times and dates of checkups. However, due in part to the COVID-19 pandemic, the percentage of students undergoing the health checkup declined.

Health checkup rate		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Students	UoA	88.3%	90.7%	77.2%	83.3%	80.8%	82.4%
	JCD	97.8%	98.4%	98.0%	97.3%	95.9%	100%
Faculty and Staff	UoA	94.0%	92.5%	94.9%	94.2%	95.9%	95.5%
	JCD	100%	100%	100%	100%	100%	100%