

The Public University Corporation,

The University of Aizu Mid-term Goals and Mid-term Plans for the 3rd term



March 22, 2018

The Public University Corporation

The University of Aizu Mid-term Goals and Mid-term Plans for the 3rd term

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The 3rd Mid-term Goals	The 3rd Mid-term Plans
<p><Fundamental Perspective></p> <p>The Public University Corporation, the University of Aizu is the founder and manager of the University of Aizu (hereinafter the “UoA”) and the University of Aizu Junior College Division (hereafter the “JCD”), and has the mission to contribute to the advancement of scientific technologies and academic knowledge by fostering talents and conducting research in the fields of computer science and engineering, industrial informatics, as well as food and nutritional science and study of early childhood education, in parallel with contributing to industrial and cultural promotion.</p> <p>In addition, the entire corporation will aim at achieving the following basic goals below for contributions to the recovery of the prefecture from the Great East Japan Earthquake and to regional revitalization.</p> <p><Basic Goals></p> <p>- The University</p> <p>The University shall aim at realization of its founding principle, “to Advance Knowledge for Humanity” (to make inventions and discoveries for peace and prosperity for humanity). The University shall also endeavor to contribute to the future of our nation and local communities by taking a leading role as a pioneer on an international level.</p> <ol style="list-style-type: none"> 1. Nurture internationally viable individuals as researchers, technical experts, leaders and entrepreneurs who will support technological innovations, rich in creativity and having a strong sense of ethics. 2. Promote research and development in computer science and engineering to lead the world and to contribute to society and academia. 3. Contribute to advancement of the prefecture’s industry and culture by pursuing practicability and effectiveness in diversified areas related to education and research. 	

- The Junior College

Taking advantage of each of its specialty fields, the Junior College shall aim at contribution to regional communities and the improvement/development of culture and industry, through fostering of the individuals with practical skills necessary in the workplace and in life.

1. Foster professionals who have the ability to contribute to society through the utilization of the specialized knowledge and technical skills they have acquired.
2. Foster talents with a broad range of knowledge and a strong sense of ethics.
3. Provide local residents with opportunities for lifelong learning in order to contribute to the formation of a knowledge-based society.
4. Collaborate with academia, industry, the local population, and government in the region for contribution to its rejuvenation.

- Shared Goals of the University and the Junior College

1. Taking advantage of characteristic of the university, it shall contribute to revitalization of the prefecture from the Great East Japan Earthquake.
2. Flexible and proactive actions based on various changes on local needs such as depopulation, and advanced less-child and aging society.

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I. Basic Organization for Education and Research and Period for Mid-Term Goals

1. Period for the Mid-Term Goals

The period for these mid-term goals shall be From April 1, 2018 to March 31, 2024.

2. Basic Organization for Education and Research

In order to achieve the mid-term goals, the University and the Junior College are structured as follows:

(1) The University

The Undergraduate School	School of Computer Science and Engineering
The Graduate School	Graduate School of Computer Science and Engineering

(2) The Junior College

Departments	Department of Industrial Information Sciences Department of Food and Nutrition Sciences Department of Early Childhood Education
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II. Goals Regarding Improvement of the Quality of Education/Research Conducted at the University

1. Goals Regarding Education

(1)Goals regarding admission and entrance examination systems

- A. The admission policy shall be settled and released with reviews in a timely manner corresponding to changes of era, etc.
- B. Based on the admission policy, student recruitment and entrance shall be served in fair and appropriate manner.
- C. The university will respond to depopulation and the stringent situations surrounding the JCD and strive to secure superior new students and applicants in accordance with the admissions policy.
- D. Verifying if the student recruitment and entrance examination are implemented appropriately, and the result shall be reflected.

I. Measures to be Taken to Achieve Goals regarding Improvement of the Quality of Education/Research Conducted at the UoA

1. Measures for Achievement of Goals regarding Education

(1) Measures for achievement of goals regarding admission and entrance examination systems

< Shared of the Undergraduate school, the Graduate school and the JCD >

- A. Admission policy will be widely provided on the admission guide, guidebook, and website of the UoA. By doing so, we will put our efforts on securing students who meet the requirements of the UoA.
- B. Every year, in a periodic manner, verification will be conducted regarding whether the admission policy is corresponding to rapidly changing times.

< The Undergraduate school >

- C. Based on previous result related to applicants and admission, we will visit senior high schools in Fukushima prefecture and Kanto region proactively and strategically.
- D. Fair and appropriate entrance examination will be conducted.
- E. Attracting a large number of applicants, we will secure students who meet the requirements of the UoA. Based on questionnaire answered by applicants, selection methods will be reviewed every AY for promoting adequate improvement.
- F. Grasping changes on university entrance examinations due to the exam revolution in an early juncture and appropriate manner, the entrance examination will be changed based on that.
- G. ICT Global Program All-English Course will recruit students through strategic and focused recruiting system. We will work on establishment of appropriate admission system.

- H. We will maintain competitive ratio at/around 5.0.
- I. We aim for the percentage of female among new students to be 15%.
- <The Graduate school>
- J. Internal admission to the graduate school will be increased. We will put our efforts on providing information on benefits, effects, and scholarship of the graduate school to students in an early juncture.
- K. We will secure admission from other universities and institutes of technology by conducting strategic school visits and inter-university collaboration.
- L. Using the Super Global University Creation Support Project, we will secure international students.
- M. We will implement admission selection fairly and appropriately. We will verify admission selection methods every AY and conduct improvement as necessary.
- N. We will aim to fulfill 80% of the admission capacity of master's program.
- < The JCD >
- O. We will implement publicity activities centered on the Admission Advertisement Center such as senior high school visits, further education consultations, open campus, etc. to ensure excellent entrants.
- P. In order to improve the selection method, we will utilize the analysis on the general admission / recommendation-based admission results and the situation of entrants after enrollment.
- Q. Fair and appropriate entrance examination will be conducted.
- R. We will maintain about twice the ratio of applicants.

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(2) Goals regarding content and achievements of education

- A. The diploma policy shall be settled and aimed at widely disseminating.
- B. The curriculum policy which comprises consistency with the diploma policy shall be settled, and curriculum shall be structured based on it.
- C. The University of Aizu will develop world-class specialized education capable of handling the rapid pace of technological change, as well as the high-quality English language education that supports such an education.
- D. The JCD will develop an educational program for developing professionals with specialized knowledge and skills who are capable of contributing to society.
- E. Constantly verifying if the educational contents are served based on the diploma policy and curriculum policy. They shall be reviewed if necessary.
- F. Educational contents, methods, and grade evaluation method shall be publicized. In addition to ensuring its fairness and equality, regular reviews shall be conducted to improve.

(2) Measures for achievement of goals regarding content and achievements of education

< Shared of the Undergraduate school, the Graduate school and the JCD >

- A. The diploma policy will be put on the guidebook for potential applicants, campus guide for current students, and the UoA website. This effort aims at advertising the personnel who the UoA would like to foster to a wide range of public.
- B. Every year, in a periodic manner, verification will be conducted regarding whether the diploma policy is corresponding to rapidly changing times.
- C. The curriculum policy will be put on the guidebook for potential applicants, campus guide for current students, and the UoA website. This effort aims at informing the UoA's educational vision to a wide range of public.
- D. Every year, verification will be conducted whether the curriculum formation and implementation policy corresponds to the latest technological trends of the ICT field, changes in society and the times, etc., and it will be appropriately revised when necessary.
- E. Educational program will be created based on the curriculum and diploma policies. We will conduct discussion for improvement in anytime.
- F. Detailed course descriptions will be provided on syllabi to the public.
- G. We will continue conducting student class survey. We will review and improve our education in anytime. The use of said survey may be used for faculty member evaluation in the future.

< The UoA >

- H. We will promote further globalization of the UoA to cultivate talents ready for the global stage.

I. Utilizing resources such as the Top Global University Project, we will promote continuous education from the undergraduate to graduate school on the spirit and methods of startup entrepreneurship, as well as education on contribution to society and the regional to develop talents who will contribute to the solving social and regional challenges.

< The Undergraduate school >

J. The four-quarter system will be introduced in order to enhance consecutiveness with the grad-school education.

K. Aiming at detecting students who require learning support in early juncture and offer adequate helping hand, so-called the Academic Proficiency System will be established. For more efficient operation, every year, the system will be verified and we will improve the system if necessary.

L. Syllabi will be created in English.

M. In regards to the only mandatory course; Graduation Thesis, we will continue creating and publishing graduate theses in English.

N. Acquiring a wide range of general education and fostering physical and mental health, general education course will be enhanced.

O. We will put our effort on fostering English proficiency among students so that they can handle GT creation/presentation and take specialized courses in English. All students will aim at obtaining a TOEIC score of 400 by the completion of 2nd-year undergraduate during the 3rd Mid-term Goals period.

P. A half or more of the courses will be conducted in English.

Leading-edge materials from abroad will be used proactively.

Q. We will create the UoA's original material such as textbooks, reference materials, and lecture handouts. We will use the UoA's characteristics in such way.

- R. Through PBL and active learning style class such as a flip-flop classes, designing and practical skills will be fostered.
 - S. In accordance with the ICT Global Program All-English Course, we will provide students with a curriculum which is likely to enable them to obtain credits through only classes in English.
 - T. We will aim at 25% of passing rate of information processing engineer examination.
- < The Graduate school >
- U. We will classify courses into fundamental ones and advanced ones. At the same time, we will improve the curriculum based on core course design of world-class graduate schools.
 - V. More than 96.7% of the courses will be conducted in English. We will offer educational environment aiming for further improvement of students' proficiency in English.
 - W. In the field of Computer and Information Systems, we will offer advanced and practical education at a higher level, in addition to highly specialized courses.
 - X. In the field of IT Project Management, we will prepare international-level ICT experts in leading industry. Offering unique courses, we will aim at training students in problem-solving ability and management skills.
 - Y. In the doctoral program, we will cultivate the research capabilities of students through research work while enhancing the coursework of the doctoral program as part of a consistent educational program integrated with the master's program and cultivate students' ability to utilize knowledge.

<p>(3) Goals regarding systems/organizations for conducting education</p> <p>A. Maintenance of facilities necessary for implementing educational programs shall be prepared, and renewed in systematic manner.</p> <p>B. Adequate number of faculty members for implementing educational programs shall be ensured, and appropriate faculty organization shall be organized.</p> <p>C. The structure for offering education programs shall be reviewed in a timely manner corresponding to changes of era, etc.</p>	<p>< The JCD ></p> <p>Z. We will aim at 100% of the passing ratio of the examination for students who wish to take the licenses and the qualifications.</p> <p>AA. Regarding job placements in careers relevant to the licenses and qualifications earned by students, we will aim at an 80% job placement rate in relevant fields for the Department of Food and Nutrition, a 95% rate for the Department of Early Childhood Education.</p> <p>(3) Measures for achievement of goals regarding systems/organizations for conducting education</p> <p>< Shared of the Undergraduate school, the Graduate school and the JCD ></p> <p>A. Educational program will afford necessary facilities and equipment and those will be maintained and managed appropriately.</p> <p>B. Equipment, etc. used in classes, etc. will be renewed in a systematic manner. And features of the devices will be improved.</p> <p>C. The computers and network systems, including the terminals used in exercise rooms, etc. shall be replaced with the latest equipment during upgrades. At the same time, we will constantly provide a safe and secure user environment.</p> <p>D. While securing the number of current faculty members necessary for implementation of the education program, when we hire new members, we will widely recruit the talented people to respond to the change of time and the technical advances.</p> <p>E. We will strive to achieve conformity between the curriculum policy and a structure of faculty organization. The faculty will be organized in response to the changing times and policy revisions.</p> <p>F. Taking faculty development in account, training for faculty member will be enhanced.</p>
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<p>(4) Goals regarding support of students</p> <p>A. Student support policies regarding students' learning, life, and career shall be settled and shared on campus. Based on the policies, students will be supported.</p> <p>B. The university will improve its employment support system and aim for a 100% employment rate for new graduates who seek employment.</p>	<p>< The UoA ></p> <p>G. While we recruit people by international recruitment, we will aim for the foreign faculty and the faculty who earned degrees abroad ratio to be 60.7%.</p> <p>H. We will put our efforts on having 10% of female faculty members.</p> <p>(4) Measures for achievement of goals regarding student support < Shared of the Undergraduate school, the Graduate school and the JCD ></p> <p>A. Student support policy will be established and written on Campus Guide and UoA website.</p> <p>B. We will support students' learning by class mentor system, comprehensive instructions given by GT supervisors, support in office hours, and the mentor system.</p> <p>C. We will proactively support students who are looking for jobs in Fukushima prefecture, aiming to fulfill both students' desires and local needs for labor.</p> <p>D. In accordance with the student support policy, and in response to situational changes such as the aging of facilities and increased numbers of international students, we will we will appropriately establish and manage student housing facilities.</p> <p>< The UoA ></p> <p>E. Poor-performing students due to introduction of the Academic Proficiency System will be grasped in early juncture for early care.</p> <p>F. The ratio of students who graduate/complete from respective programs within the standard enrollment period will be increased.</p> <p>G. We will actively promote tuition waivers, scholarships, and system of TA/SA/RA. We will collaborate with the Support Association. By these means, financial support will be enhanced.</p>
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<p>2. Goals Regarding Research (1) Goals regarding research standards and results</p> <p>A. The University (i) The university will carry out research that meets the needs of society in the field of computer science and engineering. At the same time, it will aim to expand the scope of its research to include new fields such as renewable energy, robotics, geoscience, and medicine, as well as interdisciplinary fields. By doing this, it will give the fruits of research back to the community through the promotion of innovation, etc.</p>	<p>H. Student Counseling Office, Nurse's Room, and Complaint Counseling Office will collaborate with each other in order to provide life support in details.</p> <p>I. In order to obtain career-selection-related information in advance, a course will be offered and students will be recommended to take it. At the Employment Support Office mainly, tailored support will be offered.</p> <p>< The JCD ></p> <p>J. Utilizing the system for exemption of tuition, and/or various scholarships, we will aim for the enhancement of students' economical support by corroborated with the Supporters' Association of UoA.</p> <p>K. Faculty and personnel of UoA will cooperate to finely conduct consultations on students' living.</p> <p>L. In order to support students' carrier paths finely, we will collect and provide the company/internship related information to implement student consultations centered on the Carrier Support Center.</p> <p>2. Measures to be Taken to Achieve Goals regarding Research (1) Measures for achievement of goals regarding research standards and results</p> <p>< The UoA ></p> <p>A. We will promote basic research on Computer Science Engineering with a long-term perspective. At the same time, we will ascertain the latest global technological trends, as well as needs of industry, society, and the region and appropriately determine the direction of the research.</p> <p>B. We will proactively promote research exchanges with research institutes including world-class universities as well as those conducted through interdisciplinary fusion.</p>
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(ii) The university shall work toward research in the fastest-growing technology fields such as artificial intelligence, security, big data, IoT (Internet of Things), high-performance computing which are expected to support other various technologies in next generation, in addition, seeds, advanced, and strategic research which are fundamental research to create innovative developments of ICT.

- C. The CS division will engage in a wide range of research and development such as modeling of quantum computing and next generation computing elements, investigating new theories and techniques for information / cyber / IoT security, development of mathematical models, computer models, simulations and new methodologies for solving complex problems, and development of core technologies for constructing artificial intelligence systems, intelligent services, and intelligent environments.
- D. The CE division will engage in a wide range of research and development such as wireless networks, software-defined radios, software-defined sensor networks, cloud computing and other cutting-edge computing technologies, secure embedded systems, neural network-inspired systems and platforms, big data driven networks and their applications, and lightweight, energy-efficient wearable devices as well as computing technologies that utilize them.
- E. The IS division will engage in a wide range of research and development such as audio signal processing, biomedical sensing and signal processing, computer graphics, computer vision, and image processing, enterprise web systems, databases and data mining, big data and deep learning, cloud computing, intelligent services and intelligent environments, IoT, mobile computing, and security.
- F. The CCRS will engage in research aimed at enhancing the content of and methods used by the liberal arts education demanded by modern society from the perspective of humanities and social sciences such as philosophy, sociology, jurisprudence, pedagogy, psychology and theory of physical education, as well as research regarding culture in an information-based society.

- G. The CLR will engage in research on the diverse areas related to language pedagogy and linguistics, such as research into the differences between Japanese and English pronunciation, development of elicitation tools for the assessment of L2 speaking, development of a theory regarding L2 phonology – both speech perception and production, use of manga for L2 writing, development of technology enhanced learning tools, research into L2 as a sociolinguistic practice, and more
- H. At CAIST, the leading-edge and intern-disciplinary research which is integrated with computer science and engineering will be promoted. Responding to the rapidly changing time in timely manner, every fiscal year, we will examine about revision and abolishment of clusters.
- I. We will aim to have 300 papers annually (an average of four papers per mainline undergraduate school faculty member) accepted for major journals and conferences (including international conferences).
- J. We will aim to acquire 50 externally-funded research grants and 150 million yen in external grant funding including that for Industry - Academia -Government Collaboration (including that acquired by the JCD).
- K. We will aim for a MEXT Grants-in-aid for Scientific Research (KAKEN) acceptance rate of 30%.
- L. We will aim for 3,000 academic paper citations annually (an average of thirty five citations per mainline undergraduate school faculty member).
- M. We will aim to apply for ten patents annually.

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B. The Junior College

The JCD shall conduct fundamental and regional-problem-solving research in specialized field of each department. Those research achievements shall be given back to the society and community.

(2) Goals regarding improvement of systems, etc. for promotion of research

A. To assure research environment for faculty members and students, extensive facilities and equipment shall be provided as well as securing internal research funds.

B. In order to promote the management of research activities and budgets in an appropriate manner, the further enhancement of the system and training for prevention of misconducts shall be provided..

< The JCD >

N. The JCD will conduct fundamental and regional-problem- solving research in specialized field of each department. Those research achievements will be given back to the society and community.

O. We aim for 100 published academic research (includes papers stated in the research bulletin).

(2) Measures for achievement of goals regarding improvement of systems, etc. for promotion of research

A. We will appropriately maintain and manage the facilities and equipment required for research.

B. Regarding internal research funds, in addition to striving to secure funding in terms of a total amount, we will consider policies for achieving more effective allocation and utilization of the funds by introducing an element of competitiveness.

C. While constantly reviewing the impropriety prevention plan we will strive to appropriately implement research funds. At the same time, we will assure permeation of a mindset of compliance by holding study sessions, etc.

<p>3. Globalization Goals</p> <p>As a top global university, the university shall work on the enhancement of international competitiveness and the development of human resources to be successful in the world while further improving its projects and strengthening its systems. In addition, the university shall contribute to the expansion of internationalization and international exchanges.</p>	<p>3. Measures for Achievement of Goals regarding Internationalization</p> <p>< The UoA ></p> <p>(1) We will promote further globalization of the activities by our faculty and student body through exchanges with research institutes including world-class universities, including conducting international collaborative research, organizing international conferences, etc.</p> <p>(2) Utilizing the Top Global University Promotion Project, we will conduct overseas student internships. At the same time, we will encourage submission of papers to, and presentation at, overseas conferences.</p> <p>(3) We will create opportunities for foreign faculty members and international students to engage in broad exchanges with Japanese students, faculty members, and administrative staff members, as well as members of the local community.</p> <p>(4) We will aim to increase the ratio to 6.3%(83people) of international students among all students.</p> <p>(5) We will aim to increase the number to 50 of Japanese students who participate in study abroad programs.</p>
<p>III. Goals on Local Contribution and Revitalization from the Great East Japan Disaster, etc.</p> <p>1. Establish goals regarding collaboration and cooperation with local communities, etc.</p> <p>(1) Based on fundamental policies regarding contribution to local communities, make efforts to realize sustainable development of regional industry and culture.</p> <p>(2) The university shall proactively promote collaboration and cooperation with</p>	<p>II. 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.</p> <p>1. Measures for achievement of goals regarding collaboration and cooperation with local communities, etc.</p> <p>< Shared of the UoA and the JCD ></p> <p>(1) Utilizing the UoA's intellectual property, we will proactively organize public lectures and dispatch faculty members to conduct dispatch lectures.</p>

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the prefecture, municipalities, and various education institutions such as Fukushima Medical University in an effort to make efforts for further contribution to the communities.

(3) Through collaboration with UoA-launched business ventures and various sectors, including companies within Fukushima Prefecture, research institutions, various bodies such as NPOs, etc., strive to foster excellent talents who respond to needs of the region and facilitate rejuvenation of local communities.

(4) The JCD will aim to engage in at least 20 regional cooperative/collaborative projects annually.

(2) As a university open to the local community, availability of university facilities will be proactively advertised to general public. Local community and residents will receive a wide range of opportunities to use the UoA facilities.

< The UoA >

(3) We will position the All-Japan High School Computing Contest as the symbol project of Aizu, which puts much energy into ICT talent development, aiming to increase the number of participants (target: 2,000 people) in collaboration with Aizu as a whole, including local companies and local municipalities.

(4) Collaborating with local incorporated NPOs and Aizuwakamatsu City, we will continue to conduct the computer science summer camp. At the same time, we will newly accept junior and senior high school students from overseas and promote the appeal of the UoA and Aizu broadly to the world through these exchanges.

(5) We will proactively respond to requests from senior high school faculty members for the dispatch of UoA faculty members. At the same time, we will strengthen our collaborations with senior high schools designed as SSH (Super Science High schools) and SGH (Super Global High schools) in particular.

(6) We will support the improvement of Fukushima junior and senior high school students' academic abilities in math, science, and English, as well as their internationalization. In particular, we will further strengthen our collaboration with Aizu Gakuho High School, which is based on a university-high school collaborative agreement.

(7) Under collaboration agreement, we will collaborate with Aizuwakamatsu City, Kitakata City, Koriyama City, and Koriyama Techno Police Promotion Agency, and Okuma Town. Within the scheme, we will work on solving regional issues such as industrial advancement and personnel training.

(8) With Fukushima Medical University, in medical and healthcare fields, ICT knowledge scheme of collaboration will be promoted such as the data check for Fukushima Health Management Survey to ensure the residents' safety.

(9) We will work on initiatives based on the Fukushima Female Support Declaration and the Academia Consortium Fukushima.

(10) We will promote further standardization software technologies which are worked on as part of the development project. We will use research results and technologies for alumni ventures and a wide range of companies in the prefecture. We will contribute on industrial advancement and human resource development.

(11) Aizu Open Innovation Meetings (AOI Meetings,) which is main role in the UoA's university-business collaboration, will be utilized actively. At the same time, we will figure out practical utilization of apps developed under collaboration with alumni ventures and local companies.

(12) We will train personnel who have IT skills which connect technology and the place where technology is used, aiming at order to solve issues of companies.

< The JCD >

(13) We will cooperate and collaborate with local organizations including municipalities in Fukushima prefecture in a way that leverages our expertise.

(14) We will offer dispatch lectures and open lectures 80 times within the year.

<p>2. Goals regarding promotion of regional industry</p> <p>(1) The university shall contribute to the activation of local economic and job creation by promoting the development of human resources necessary in the community such as data scientists (people who specialize in the analysis of big data, etc.) and university-industry cooperation.</p> <p>(2) The mid-term plan will encourage the creation of UoA alumni-launched ventures authorized by the university, with the goal to reach a total of 30 ventures during the medium-term goal period.</p>	<p>2. Specific measures regarding promotion of regional industry < The UoA ></p> <p>(1) Implementing collaboration with companies in the prefecture, ICT training will be offered to females who wish to get a job, aiming at maintaining ICT workforce and creating a place where women can take active roles in the prefecture. Through the training project, annually fifty individuals will be able to get a job (150 individuals in three years.)</p> <p>(2) Supporting the UoA-accredited venture companies, we will create and implement new privileges.</p> <p>(3) Promoting the UoA-industry-government collaboration project such as smart community project, we aim for promotion of local industries and development of human resources.</p> <p>(4) In order to contribute to the region's industrial development, we will proactively collaborate with companies in the region to increase the number of opportunities to leverage faculty members' knowledge and research results.</p>
<p>3. Goals Regarding Support to the Post-Quake Revitalization</p> <p>(1) The Laboratory for leading-edge ICT in Aizu shall be used as a base of advanced ICT research on cyber security, etc. and the university shall generate innovative outcomes.</p> <p>(2) The university shall work on solving local issues by using ICT and developing IT entrepreneurs to create human resources of ICT.</p> <p>(3) As a part of the Fukushima/International Research Industry City (Innovation Coast) initiative, the university shall promote technical development of disaster-recovery robots, etc. collaborating with companies, etc. in the prefecture.</p> <p>(4) Mainly at the Local Revitalization Center, the JCD will leverage the specialization of each of its departments and contribute to the revitalization of Fukushima prefecture through activities conducted in close cooperation with local</p>	<p>3. Measures for Achievement of Goals regarding Provision of Support to Reconstruction Efforts from the Great East Japan Earthquake < The UoA ></p> <p>(1) As a promotion of LICTiA activities, we aim for the AOI meetings for creation of innovation to be held 300 times within the year, and the usage rate of LICTiA Cloud be 60%.</p> <p>(2) Based on collaboration agreements with companies leading Japan's advance technological industry, we will work on support of industry toward Fukushima's revitalization.</p> <p>(3) Collaborating with Fukushima Medical University and prefectural police headquarters, prefecture's public health management and cyber-crime prevention will be a focus of personnel training at LICTiA.</p>

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regions, including the cultural revitalization of the region, revitalization of local economy, etc.

(4) Collaborating with ICT companies within the prefecture, we will implement the human resource development project for women in the prefecture and women who evacuated outside the prefecture to support integrally with learning and working.

(5) Through deployment of technologies developed by the UoA alumni ventures and local companies collaborating with municipalities, schools, revitalization-related national organizations in the Coastal region in Fukushima, and development of human resources, we will make use of it for revitalization of evacuated area.

(6) We will contribute to the reconstruction of Fukushima through research, technological development and creating technical talents focusing on software development for robotics industry of the leading technological industry, which is characterized as the pillar of industrial revitalization in the coastal area of Fukushima.

< The JCD >

(7) We will support activities of the Okuma-town junior high school from both side of facilities and education.

(8) We aim for the community-based activities collaborating with local communities/companies to be implemented 5 times within the year.

<p>IV. Goals Regarding Improvement of Administrative Operation and Effectiveness</p> <p>1. Goals regarding Improvement of Business Operation and Effectiveness</p> <p>(1)Goals regarding improvement of the organizational operation</p> <p>A. The policy for the smooth operation of the university shall be settled and shared aiming for realization of principle and objective of the university.</p> <p>B. Provisions necessary for the management of corporation and the university shall be organized to clarify process, authority, and responsibility for decision-making,</p> <p>C. The university shall comply with laws and regulations, and regularly verify if the organizational managements are conducted appropriately. Reviews shall be conducted if necessary.</p> <p>D. The university shall establish education /research organization in addition to the administrative organization which would be suitable for working on realization of principle and objective of the university. The members of the organizations shall be selected and assigned fairly from faculty and personnel of the university. The university shall put effort on enhancing their abilities as well.</p>	<p>III Measures to be Taken to Achieve Goals regarding Improvement of Administrative Operation and Effectiveness</p> <p>1. Measures for Achievement of Goals regarding Improvement of Administrative Operation and Effectiveness</p> <p>(1) Measures for achievement of goals for improvement of organizational operation</p> <p>A. Organizational Operation Policy will be clearly written. And the UoA Code of Conduct will be announced to faculty members and administrative staff upon meetings and trainings.</p> <p>B. The systematic regulation which reflects objectives of the public university corporation system will be created. In anytime we will review it while operating corporation and university promptly and fairly.</p> <p>C. Internal audit with predetermined annual theme will be conducted whether if the organization is operated with compliance with laws and regulations.</p> <p>D. Every year, internal organization and personnel system of the UoA corporation will be verified in line with operational circumstances. Necessary review will be conducted on them.</p> <p>E. In principle, we hire personnel through international recruitment. Not only for faculty members who are hired through strict assessment, will administrative staff be recruited based on legally fair recruitment process.</p> <p>F. All administrative staff to corporate administrative staff ratio will be increased to 45%.</p> <p>G. Multiple female administrative managers will be appointed.</p>
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<p>(2) Goals regarding improvement of effectiveness and streamlining of administrative work</p> <p>The university shall work on reducing the frequency and hours of meetings, paper reduction, energy-saving for administrative procedures, and systemization.</p> <p>2.Goals Regarding Improvement of Financial Affairs</p> <p>(1)Goals concerning the growth of self-generated income, including external research funds and other revenue</p> <p>The university shall work on increasing in revenue by acquisition of external funds, lending the university facilities of an onerous contract, increasing in intellectual property income, calling for donation, etc.</p> <p>(2)Goals concerning economization of expenses</p> <p>When planning budget, ordering, and upon various opportunities, details of settled amount of expenses shall be inspected and scrutinized. In addition, the university shall work on controlling expenses through analysis on financial state as well.</p>	<p>H. For training administrative staff in charge of operation of the public university corporation, appropriate training system will be created. We will increase job performance skills.</p> <p>(2) Measures for achievement of goals regarding improvement of effectiveness and practicality of administrative work</p> <p>A. In order to promote reduction of administrative duties, we will reduce number of meetings held and time for a meeting, proactively promote power and system saving.</p> <p>B. We will promote paperless meetings and the amount of paper purchased will be reduced by 5%.</p> <p>2. Measures for Achievement of Goals regarding Improvement of Financial Affairs</p> <p>(1) Specific measures regarding growth of self-generated income, including external research funds and other revenue</p> <p>A. We will proactively rent the UoA facilities according to a purpose. LICTiA and UBIC will aim at 20 million yen and other facilities will aim at 3 million yen of facility use fee revenue annually.</p> <p>B. In order to increase licensing revenue, we will disseminate information on our intellectual property within society through more channels and increase the number of opportunities for their use.</p> <p>C. For securing student support and research fund, donation system will be established and utilized.</p>
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<p>3.Goals Regarding Internal Investigations and Evaluations, and Provision of Information</p> <p>(1)Goals concerning improvement of evaluations</p> <p>A. Every year, annual self-check/evaluation and evaluation by third-party against the management of corporation and overall university activities shall be implemented. The university shall work on improvement based on the results.</p> <p>B. The university shall operate work achievement evaluation system for administrative staff, etc. appropriately, and work on establishment of the evaluation system for faculty as early as possible.</p>	<p>(2) Specific measures regarding economization of expenses</p> <p>A. Through learning session for accounting staff, cost awareness and deep knowledge in accounting administration will be promoted.</p> <p>B. Issues among the current accounting system will be detected and improved.</p> <p>C. Conducting financial status analysis, we will conduct research on how we should use the result of said analysis.</p> <p>3. Measures for Achievement of Goals regarding Internal Investigations and Evaluations, and Provision of Information</p> <p>(1) Measures for achievement of goals regarding improvement of evaluations</p> <p>< Shared of the UoA and the JCD ></p> <p>A. Every fiscal year, we will conduct self-check and evaluation at each division and department. As the entire university corporation, we will create a performance report.</p> <p>B. Submitting performance report to the prefecture every fiscal year, we will receive evaluation by the Public University Corporation Evaluation Committee.</p> <p>C. The performance report and evaluation result will be published internally and externally.</p> <p>D. Result of the personnel evaluation has been served as the base of salary for administrative staff, etc. We will operate the evaluation equally, fairly, and rigorously.</p> <p>E. Regarding performance evaluation for faculty members, evaluation item and weight of each item will be reviewed. The evaluation system will be improved repeatedly. Degree of perfection will be increased. We will discuss about the method how we use the evaluation result.</p>
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<p>(2) Goals concerning promotion of the dissemination of information The university shall proactively and strategically disseminate information on education, research, and local contribution of the university.</p> <p>4.Important Goals Regarding Other Business Operation</p> <p>(1)Goals concerning compliance The university will work to earn the trust of the prefecture's citizens by promoting efforts to assure compliance, such as strict maintenance of disciplinary regulations by corporate personnel.</p> <p>(2) Goals related to facilitation and use of properties and information communication infrastructure. A. To provide facilities and equipment required for education and research continuously, planned repairs and maintenance of aging buildings shall be conducted sequentially with replacement of devices, etc. B. The information and communication infrastructure shall be maintained appropriately to support for operation, edgy education and research of the university. The sufficient measures of information security shall be implemented as well.</p> <p>(3) Goals related to health and safety management A. The university shall protect the health of students and faculty by implementing health check and providing consultation system, etc. B. The university shall protect the security of students and faculty by regular checks on facilities, and implementing training, drills, etc. related to disaster prevention.</p>	<p>(2) Specific measures for promotion of the dissemination of information A. In line with the Information Publication System and Public University Corporation System, we will promote appropriate informational. B. The UoA's education, research, industry, and regional contribution will be advertised externally in order to enhance public recognition of the UoA.</p> <p>4. Specific Measures for Achievement of Important Goals regarding Other Business Operation</p> <p>(1) Measures for achievement of goals regarding compliance A. Targeting faculty members and administrative staff, we will organize training sessions related to observation of laws and harassment prevention every year. B. We will conduct interviews by individuals in management positions at the appropriate, creating opportunities for consultation, and ascertaining the faculty's situation.</p> <p>(2) Measures for achievement of goals regarding maintenance and utilization, etc. of facilities and equipment and communication infrastructure A. In order to provide students a safe, peaceful, and comfortable education in adequate educational environment, we will optimize facilities and equipment. Based on the Long-term Maintenance Plan, we will efficiently conduct maintenance works and management. B. We promote the systematic remodeling of facilities showing significant signs of aging, such as the JCD dormitory.</p>
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C. We will facilitate the UoA operation and the leading-edge education and research with information and transmission base which support such activities in systematic manner. And we will implement sufficient security measures.

D. The UoA Library will sustainably provide electric information contents and facilitate comfortable environment for users. We will sustainably release academic information through academic repository.

(3) Measures for achievement of goals regarding healthcare and safety management

A. Health-checkup-taker ratio among students, faculty members, and administrative staff will achieve 100%.

B. Mental-health check will be implemented for using it for mental care for faculty members and administrative staff.

C. We will maintain and regularly check disaster and crime prevention facilities, and guard and safety management system.

D. We will establish and improve manuals and construct systems aimed at helping prevent or minimize injuries, accidents, and other incidents that occur on campus.

E. So as to act promptly upon a disaster occurs; disaster prevention drill will be implemented in the entire university.

IV Other Matters

1. Budget (including personnel cost estimates), income and expenditure plan, and financial plan

*See the attached sheets

2. Short-term loan limit

(1) Limit: 800,000,000 yen

(2) Possible reasons for loans:

It is possible that the University may need to obtain loans as countermeasure expenses for urgent necessity due to delay in accepting subsidies for operational expenses, occurrence of incidents, etc.

3. Plans to transfer or offer valuable property as collateral

None.

4. Use of surplus

If there is a surplus after the settlement of accounts, we will use the surplus to improve the quality of education and research, as well as organizational operation, facilities and equipment.

5. Matters related to business operation provided for in prefectural rules

(1) Plan for facilities and equipment

A. Based on the Long-term Maintenance Plan described in III-4-(2)-A, we will conduct repair works in a systematic manner.

B. We promote the systematic remodeling of facilities showing significant signs of aging, such as the JCD dormitory.

	<p>(2) Plan for personnel affairs</p> <p>A. We will appropriately conduct the measures described in I -1-(3) to gather talented personnel with diverse backgrounds.</p> <p>B. We will promptly establish the evaluation method described in III -3-(1)-E and will promote the discussion on the reflection method of the evaluation result.</p> <p>C. We will set a basic policy regarding the recruitment, training, promotion, etc. of personnel, and will appropriately manage the personnel matters based on the policy.</p> <p>(3) Plan for the use of reserve funds</p> <p>The reserve carried forward from the first and second mid-term goal periods and the reserve funds for improvement of education research, and university operation will be used for the improvement of the quality of education and research, and for the improvement of organizational operation, facilities and equipment.</p> <p>(4) Other necessary matters related to business operation of the Public University Corporation</p> <p>None.</p> <p>6. Student capacity</p> <p>*See the attached appendix</p>
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(Separate sheet)

1. Budget

Budget for FY2018 to FY2023

【Corporate request base】

Unit: million yen

Category	Amount
Income	
Operation Subsidy	20,468
Grants	1,479
Self-generated Income	6,013
Income from tuition, admission, and application fees, etc	5,520
Income from assets	394
Miscellaneous income	98
Income from Commissioned Research, etc. and Grant Donations	626
Income from Reversal of Reserve Funds for Specific Purposes	879
Long-term Loans	-
Total	29,467
Expenditure	
Operating Expenses	26,542
Expenses for education and research	19,153
General expenses for administration	7,388
Expenses for Facilities and Equipment	1,749
Expenses for Commissioned Research, etc. and Projects through Grant Donations	1,175
Redemption of long-term loans	-
Total	29,467

【Estimation Basis for personnel Expenses】

A total budget of 14,454 million yen will be allocated to personal expenses for six-year period set for realization of the mid-term goals. (excluding retirement allowances)

【Rules for Estimation of Operation Subsidies】

1 Categories of Operation Subsidies

Operation Subsidies shall be divided into the following categories.

(1) Subsidy A: A Subsidy for education and research activities and general administration

- Personal expenses for education and research
- Expenses related to academic affairs
- Expenses related to research
- Expenses for administration and management of affiliated facilities
- personnel expenses for administration and management of the Corporation
- Expenses for administration and management of facilities

(2) Subsidy C: An operation subsidy for improvement of facilities

- Expenses for improvement of University facilities

2 Operation Subsidy Calculation Formulas

Allocation of operation subsidies shall be calculated according to the formulas described below.

(1) Operation subsidy for education and research activities and general administration: A(y)

$$A(y) = A1(y) + A2(y) - (y)$$

A1(y): General budget necessary for administration and management of education and research activities (excluding specified expenses)

$$A1(y) = A1(y-1) * \alpha$$

A2(y): Budget for specified expenses required for education, research, administration and management

D(y): Estimation of payments from students, income from property and other expected income

(2) Operation subsidy for improvement of facilities: C(y)

C(Y): Subsidy C shall be estimated every year, based on expenses required for facility improvement purposes.

Any surplus of funds from this subsidy category will be reserved for the following year for facility maintenance, etc.

The amount of operation subsidy shall be calculated by above formulas in principle. However, should there be any circumstances in which a subsidy amount cannot be calculated in such a manner, the Fukushima Prefecture shall determine the amount after consultation with the corporation, taking into consideration stable operation of the Corporation and financial situation of the Prefecture.

[Coefficient used herein]

α (alpha): Coefficient of effectiveness (0.09)

※(y): Relevant fiscal year

(y)-1: Year previous to the fiscal year "y"

2. Income and Expenditure Plan

Income and Expenditure Plan for FY 2018 to FY 2023

【Corporate request base】

Unit: million yen

Category	Amount
Expenditure	30,539
General Expenses	30,539
Operating expenses	23,828
Expenses for education and research	8,240
Expenses for commissioned research	1,132
Personnel expenses	14,455
General expenses	2,966
Financial expenses	86
Miscellaneous losses	-
depreciation expenses	3,657
Short-term Losses	-
Income	29,659
Revenues from Operations	29,659
Operation subsidy	20,393
Grants	1,224
Revenue from tuition	4,555
Revenue from admission fees	1,033
Revenue from application fees	163
Revenue from commissioned research, etc.	536
Revenue from donations	88
Financial revenues	-
Miscellaneous revenue	485
Reversal of asset offsetting operation subsidies, etc.	289
Reversal of asset offsetting grants, etc.	852
Reversal of asset offsetting donations	24
Reversal of amount of items received or donated as Extra Revenue	14
Extra Revenue	-
Net Revenue	△879
Reversal of Reserve Funds for Specific Purposes	879
Total Revenue	-

※Estimation for FY 2018 and on is based on the budget for FY 2017

3. Financial Planning

Financial Planning for FY 2018 to FY 2023

【Corporate request base】

Unit: million yen

Category	Amount
Capital Expenditures	34,339
Expenditures for business transactions	26,514
Expenditures for investments	5,185
Expenditure for financial activities	2,564
Balance to be carried forward to the following term of the mid-term plan	76
Capital Revenue	34,339
Revenue from business transactions	28,584
Revenue from operation subsidies	20,468
Revenue from grants	1,631
Revenue from tuition, admission and application fees	5,520
Revenue from commissioned research	394
Revenue from donations	79
Other revenue	492
Revenue from investments	4,800
Revenue from facility charges	-
Other revenue	4,800
Revenue from financial activities	-
Balance carried forward from the previous term of the mid-term plan	955

※ Estimation for FY2018 and on is based on the budget for Fy2017

Separate Sheet

Total student capacities

The University

Academic year	School, Graduate school, and Total student capacities
AY2018	School of Computer Science and Engineering: 960
	Graduate School of Computer Science and Engineering :270 (Master's Program: 240) (Doctoral Program: 30)
AY2019	School of Computer Science and Engineering: 960
	Graduate School of Computer Science and Engineering :270 (Master's Program: 240) (Doctoral Program: 30)
AY2020	School of Computer Science and Engineering: 960
	Graduate School of Computer Science and Engineering :270 (Master's Program: 240) (Doctoral Program: 30)
AY2021	School of Computer Science and Engineering: 960
	Graduate School of Computer Science and Engineering :270 (Master's Program: 240) (Doctoral Program: 30)
AY2022	School of Computer Science and Engineering: 960
	Graduate School of Computer Science and Engineering :270 (Master's Program: 240) (Doctoral Program: 30)
AY2023	School of Computer Science and Engineering: 960
	Graduate School of Computer Science and Engineering :270 (Master's Program: 240) (Doctoral Program: 30)

The Junior College

年 度	School, Graduate school, and Total student capacities
AY2018	Department of Industrial Information Science: 120 Department of Food and Nutritional Science: 80 Department of Early Childhood Education: 100
AY2019	Department of Industrial Information Science: 120 Department of Food and Nutritional Science: 80 Department of Early Childhood Education: 100
AY2020	Department of Industrial Information Science: 120 Department of Food and Nutritional Science: 80 Department of Early Childhood Education: 100
AY2021	Department of Industrial Information Science: 120 Department of Food and Nutritional Science: 80 Department of Early Childhood Education: 100
AY2022	Department of Industrial Information Science: 120 Department of Food and Nutritional Science: 80 Department of Early Childhood Education: 100
AY2023	Department of Industrial Information Science: 120 Department of Food and Nutritional Science: 80 Department of Early Childhood Education: 100