INTERNAL EVALUATION REPORT OF THE INSTITUTION

FIRAT UNIVERSITY

2015

1. CORPORATE INFORMATION

Contact Information

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Historical Development

Having a deep-rooted history, Fırat University started its educational activities in 1967 in Elazığ, a city with a rich cultural life. In the following years, it has become a higher education institution that has made significant contributions to the development of higher education in Eastern and Southeastern Anatolia by opening higher education institutions in the districts of Elazığ, Bingöl, Muş and Tunceli provinces and Kemaliye district of Erzincan, and by training personnel for universities through its postgraduate activities.

A Higher Technical School was first opened in Elazığ in 1967, and in the same year, the decision of the Ankara University Senate to establish the Faculty of Veterinary Medicine in Elazığ was approved by the Ministry of National Education.

The Higher Technical School was transformed into Elazığ State Engineering and Architecture Academy (EDMMA) in 1969 with the Law No. 1184, and the Faculty of Veterinary Medicine started education in 1970 under Ankara University.

In order to gather the higher education institutions in Elazığ under a single roof, "Fırat University" was established on April 11, 1975 and the departments of Veterinary Medicine, Science and Literature were established.

It started its activities within the framework of a structure consisting of its faculties. In Fırat University, which was restructured with the Higher Education Law No. 2547 and the Statutory Decree No. 41, the Faculties of Science and Letters were merged and named the Faculty of Science and Letters, while EDMMA was transformed into the Faculty of Engineering and joined the University in 1982. The establishment years and names of the faculties, institutes, colleges and vocational schools established under Fırat University are as follows:

- In 1967, the Higher Technical School,
- Faculty of Veterinary Medicine in 1967,
- In 1969, Elazığ DMMA (Initially established as High Technical School) was
- renamed as Faculty of Science in 1975.
- Faculty of Letters in 1975
- 1975: F.Ü. Establishment (with the Faculty of Veterinary Medicine, Faculty of Science and Faculty of Letters)
- In 1982, Elazığ DMMA was affiliated with F.Ü., taking the name of Faculty of Engineering.
- In 1982, the Faculty of Medicine
- 1982   Faculty of Technical Education in
- 1983   Institute of Science in 2007,
- In 1983, the Institute of Health Sciences,
- In 1983, the Institute of Social Sciences,
- In 1983, Bingöl Vocational School,
- Tunceli Vocational School in 1983,
- In 1987, Bingöl Animal Health College,
- In 1987, Muş Vocational School,
- In 1990, Vocational School of Health Services,
- In 1990, Social Sciences Vocational School,
- In 1992, the Faculty of Fisheries,
- Technical Sciences Vocational School in 1992 (it was founded in 1986 under the name Elazığ Vocational School),
- 1992   In 2010, Keban Süleyman Demirel Vocational School,
- 1993   Faculty of Theology in
- 1995   In 1995, Elazığ Organized Industrial Zone Mining Vocational School (Initially established under the name of Mining Vocational School), Sivrice Vocational School,
- 1996   Elazığ Health College in 2010,
- 1996   Kemaliye Hacı Ali Akın Vocational School in 2010,
- 1997   School of Physical Education and Sports in 2010,
- In 1997, the State Conservatory,
- In 1997, the Faculty of Education,
- 1997   Faculty of Communication,
- 1998   In 2010, Muş Faculty of Education,
- In 2001, Muş Malazgirt Vocational School,
- In 2006, Bingöl Faculty of Agriculture,
- In 2006, Tunceli Faculty of Economics and Administrative Sciences,
- In 2008, Bingöl Vocational School, Bingöl Faculty of Agriculture and Bingöl School of Animal Health were transferred to Bingöl University.
- In 2008, Kemaliye Hacı Ali Akın Vocational School was transferred to Erzincan University.
- In 2008, Muş Vocational School, Muş Faculty of Education and Malazgirt Vocational School were transferred to Muş University.
- 2008   In 2010, Tunceli Vocational School and Tunceli Faculty of Economics and Administrative Sciences were transferred to Tunceli University.

2009 Faculty of Economics and Administrative Sciences in

In 2009, the Faculty of Technology was established; the Faculty of Technical Education was closed,

In 2011, the Faculty of Science and the Faculty of Humanities and Social Sciences were established; the Faculty of Arts and Sciences was closed, and in 2010, Karakoçan Vocational School,

2010 In the year Kovancilar Vocational School,

2011 In 2010, Baskil Vocational School,

In 2011, the Institute of Educational Sciences,

In 2011, the Faculty of Architecture,

In 2011, the School of Foreign Languages,

Fırat University currently continues its education activities with 13 faculties, 3 colleges, 1 state conservatory, 9 vocational schools and 4 institutes.

The current situation

a) Student

Changes in the total number of students at Fırat University in the last 5 years are given below.
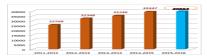

Figure The total number of students of Fırat University in the last 5 years.

In addition, the number of students registered to our university in the 2015-2016 academic year is presented in detail in the table below.

2015-2016 SCHOOL-EDUCATION YEAR REGISTERED STUDENT INFORMATION															
TYPE OF EDUCATION & LEVEL OF EDUCATION & GENDER															
	Associate Degree			Licence			Degree			Doctorate			Grand Total		
	TO	K	T	TO	K	T	TO	K	T	TO	K	T	TO	K	T
Second Education	897	785	1682	6297	2796	9093	347	70	417	0	0	0	7541	3651	11192
Formal Education	4022	2054	6076	10998	8250	19248	1997	1187	3184	473	253	726	17490	11744	29234
Distance Learning	30	8	38	322	397	719	0	0	0	0	0	0	352	405	757
Grand Total	4949	2847	7796	17617	11443	29060	2344	1257	3601	473	253	726	25383	15800	41183*

* Pedagogical Formation students are also included.

b) Personnel

The number of academic and administrative staff at Fırat University as of 2016 is shown below. Number of Academic Staff (1,855) and Number of Administrative Staff (1,526)

Teaching Officer

Professor Associate ProfessorAssistant ProfessorLecturerExpertResearch Officer

358   1923858631691112 **c) Infrastructure**

Our university consists of nine units, including the Rectorate, Kesikköprü and Engineering Faculty Campuses.

The Rectorate Campus was established on a total of 5,140,284.55 m2, including 4,395,714.53 m2 of land titled in the name of the treasury and allocated to our university and 744,570.02 m2 expropriated and registered in the name of our University; The Faculty of Engineering Campus was established on an area of 885,210.79 m2, titled in the name of the treasury and allocated to our University. The Research and Application Farm affiliated to our University continues its activities in two units; in Kesik Köprü, on a land of 6,229,243 m2 and in Yurtbaşı, on a land of 711,914 m2. Our University's Education and Recreation Facilities were established on an area of 4,285 m2 in Sivrice Cevizdere. The Aquatic Products Facilities affiliated to the Faculty of Fisheries of our University are located on a land of 17,500 m2 in Harmantepe-Cip Dam. Our university's Fırat Medical Center was established on an area of 30,000 m2 and was put into service in 1998 and provides health services to Elazığ and the Eastern Anatolia Region.

There are a total of 332 residences for academic and administrative staff at our university. 166 of the current residences are in the Rectorate and 156 in the Engineering Campus.

Firat University Campus Areas
City Center

	Total Size (m2)	Ownership Status	
		University Property (m2)	Allocated from the Treasury (m2)
Rectorate	5,140,284.55	744,570.02	4,395,714.53
Engineering	885,210.79		885,210.79
Kesikköprü	6,229,243.00		6,229,243.00
Yurtbasi	711,914.00		711,914.00
Jeep Village	17,500.00		17,500.00
TOTAL	**12,984,152.34**	**744,570.02**	**12,239,582.32**

Districts

The hives	78,026.37		78,026.37
Karakocan	30,000.00		30,000.00
Baskil	224,133.00		224,133.00
Keban	21,329.00	21,329.00	
TOTAL	**353,488.37**	**21,329.00**	**332,159.37**

Mission, Vision, Values and Goals

Mission

The mission of Fırat University is to raise individuals who are qualified, enterprising, innovative, self-confident, questioning, socially responsible, prioritize scientific and ethical values, take into account the expectations of their stakeholders, and shape the future of our country by producing science, art and technology at national and international levels in the field of education and research.

Vision

a respected university that pioneers change and development in the fields of education, research and community service in our country and around the world .

Core Values

The mission, vision and core values that constitute the strategies within this scope of Fırat University are given below:

- Academic Freedom
- Scientificness
- Environmental Awareness
- Reliability

Tolerance

- Participation
- Merit
- Stakeholder Satisfaction
- Social Responsibility Awareness
- Transparency
- Innovation

Entrepreneurship

Goals

It is given in detail in Annex-1.

Units Providing Education and Training Services

As of June 2016, the university has 16 faculties, 2 colleges, 1 conservatory, 9 vocational schools, 4 institutes and 23 research centres.
The number of programs in which educational activities are carried out is shown in the Table below.

	Total Number of Programs
Associate Degree	191
Licence	170
Degree	241
Doctorate	125
Grand Total	**727**

Units Where Research Activities Are Conducted

In our university;
23 research and application centers,
1 TECHNOPARK,
1 Scientific Research Project Coordination Office, 1 Project Coordination and Consultancy Office.
Apart from these;
1 Central Laboratory
In 5 Medical Faculties,
In 64 Engineering Faculties,
35 in the Faculty of Science,
In 27 Technology faculties,
In 9 Veterinary Faculties,
13 in the Fisheries Faculties,
We have a total of 194 laboratories, 40 of which are within the body of Vocational Schools.
There are 17 workshops.

Our Research and Application Centers

S.No	Name of Research Center
1	Atatürk Principles and Revolution History Research and Application Center
2	Computer Science Research and Application Center
3	Scientific and Technological Application and Research Center
4	Biotechnology Research and Application Center
5	Environmental Problems Application and Research Center
6	Turkish Teaching Application and Research Center
7	Natural Disasters Research Center
8	Eastern Anatolia Region Research and Application Center
9	Disabled Research and Application Center
10	Euphrates Basin Research and Application Center
11	Harput Research and Application Center
12	Cardiology Research and Application Center
13	Career Planning Application and Research Center
14	Keban Region Environmental Pollution Research and Application Center
15	Leprosy Research and Application Center
16	Middle East Research and Application Center
17	Project Coordination and Consulting Center
18	Continuing Education Center
19	Agriculture and Livestock Research Center
20	Distance Education Center
21	University Industry Cooperation Development Center
22	Construction and Concrete Application and Research Center
23	Earth Sciences Application and Research Center

Fırat Technology Transfer Office

It started operating in November 2012 within the scope of the FIRASET Project carried out in the Fırat Teknokent Technology Development Zone. Since its establishment, it has carried out activities within the scope of informing and directing academic staff and industrial organizations about the relevant support programs, carried out studies for University-Industry cooperation, supported entrepreneurs and carried out activities on issues concerning Intellectual and Industrial Property Rights (FSMH) at the University. It was supported by TUBITAK with 1,000,000 TL within the scope of 1601 in 2015. It will also apply for the 1513 program in 2017.

Fırat Technopolis

In May 2007, the Fırat Technology Development Zone was established with the decision of the Council of Ministers published in the official gazette. The company was established in February 2009 and in the same year, it became the first in Eastern Anatolia and the 21st active Technology Development Zone in Turkey with the 280 m² prefabricated building donated by Endost. While Fırat Teknokent provided service with an area of 4000 m2 in 2012, it provides service with 4 buildings and 14,000 m2 closed area as of 2016. It currently has 65 companies. In the period of 2012-2015, 67 activities were organized and 2546 people participated in these activities.

Scientific Research Project Coordination

A total of 905 scientific research projects were carried out at Fırat University between 2012 and 2016. The budgets allocated for the projects are given below.

Project Coordination and Consultancy Office

In our office, coordination is provided between projects carried out by our University researchers and information is provided to researchers about various projects. Guidance service is provided especially in TUBITAK and European Union project preparation. For this purpose, 1002 project preparation trainings are organized for doctoral students and 1001, 1003 etc. project trainings are organized for faculty members. 2 2237 project training activities were organized in 2014, 3 in 2015 and 3 in 2016. **Improvement Activities**

Since our university has not gone through an external evaluation process before, the requested information could not be provided in this section.

2. QUALITY ASSURANCE SYSTEM

1. **Quality Policy**

   a. **How does the institution determine, monitor and improve its mission, vision, strategic goals and performance indicators?**
   Our university determines its mission, vision, strategic goals and performance indicators as a result of the work carried out by the members of the Strategic Planning Commission and publishes them in the form of a Strategic Report. The strategic goals and performance indicators included in the report are monitored through annual activity reports and measures are taken for deviations.

   b. does **the institution follow to measure, evaluate and continuously improve its corporate performance** *?*
   The institutional performance of our university is measured through the annual activity reports prepared and based on the evaluations made, necessary and possible measures are taken and improvements are made.

2. **Duties, Responsibilities and Activities of Higher Education Quality Commissions**

   c. **How are the members of the institution's Quality Commission determined and who are they composed of?**

The members of the FU Quality Commission were determined by the decision of the University Senate dated 28.04.2016 and numbered 2015-2016/8.12, within the scope of the provisions of Article 7 of the Higher Education Quality Assurance Regulation. The members of the commission are listed below.

Vice Rector	Prof. Dr. Mehmet CEBECİ
Secretary General	Prof. Dr. Saadettin TANYILDIZI
Head of Strategy Development Department	Goksel AKTAS
Director of the Institute of Social Sciences	Prof. Dr. Zahir KIZMAZ
Vice Dean of the Faculty of Science	Prof. Dr. Fatih KÜLAHCI
FUBAP Coordinator	Prof. Dr. Hanifi GÜLDEMİR
Vice Dean of the Faculty of Economics and Administrative Sciences	Assoc. Prof. Dr. Kursat CELIK
Dean of the Faculty of Fisheries	Prof. Dr. Metin ÇALTA
Firat Technopolis General Manager	Prof. Dr. Erhan AKIN
Faculty Member of the Faculty of Medicine	Prof. Dr. Oktay BURMA
Vice Dean of the Faculty of Veterinary Medicine	Prof. Dr. Mehmet ÇİFTÇİ

d. What are the authorities, duties and responsibilities of the institution's Quality Commission in the establishment and operation of the quality assurance system? How does the Commission operate the quality assurance process?

The FÜ Quality Commission has the authority, duties and responsibilities within the scope of Article 6 and Article 7 of the "FÜ Quality Assurance Directive" accepted by the university senate based on the Higher Education Quality Assurance Regulation. In order to operate the quality assurance process, the commission shares the tasks among its members and carries out the tasks such as compiling the data specified in Article 10 and preparing unit reports in accordance with the work schedule.

3. Stakeholder Participation

e. How are the participation and contribution of internal stakeholders (academic and administrative staff, students) and external stakeholders (employers, alumni, professional organizations, research sponsors, relatives of students, etc.) ensured in the quality assurance system?

Participation and contribution of internal and external stakeholders to the quality assurance system is ensured through stakeholder analysis. Internal Stakeholders are individuals, groups or institutions within the field that are affected by or affect the organization (such as managers, academic and administrative staff, students). External Stakeholders are individuals, groups or institutions outside the field that are affected by or affect the organization (such as other public and private sector organizations that are related to the organization's activities).

Fırat University stakeholder list is given in Annex-2.

Stakeholder analysis is the analysis of the target audience of the organization and those who are positively/negatively affected by the organization's activities, that is, all relevant parties.

The aims of stakeholder analysis are as follows:

- Establishing effective communication with stakeholders in the early stages of the planning process and ensuring their interest and contribution,
- Obtaining an idea about the strengths and weaknesses of the organization by obtaining the opinions of the stakeholders about the organization,
  • Determining the opinions and expectations of the stakeholders,
- Determining the factors that may prevent the effective performance of the organization's activities and developing strategies to eliminate them,
- By including the opinions, suggestions and expectations of stakeholders in the strategic planning process, the plan will be embraced by these groups and the success rate of the plan will be increased.

increase. In the process of obtaining data for stakeholder analysis; surveys were applied to stakeholder groups, face-to-face interviews and search meetings were held. In this context, academic and administrative satisfaction surveys were organized for university employees. A satisfaction survey was conducted for university students on a voluntary basis and in a secure e-environment. A survey study was conducted for distant external stakeholders, and search meetings were organized for close external stakeholders. As close external stakeholders; high school administrators and guidance teachers, private teaching institution administrators and guidance teachers, administrators of public institutions, managers of non-governmental organizations, local press members and managers were held as separate groups in search meetings, and the views of the participants about Fırat University were obtained in detail and evaluated within the framework of strategic plan studies.

As internal stakeholders, satisfaction surveys are applied to students and academic and administrative staff. Students' satisfaction with education-training processes is investigated through surveys applied to students. Potential sources of negativity related to education-training processes are determined by applying various quantitative decision methods to the obtained data and scientific support is provided to university administrators for the improvement of education-training processes. Measures are determined to remove obstacles to academic efficiency and increase work efficiency through academic and administrative staff surveys.

3. EDUCATION AND TRAINING

1. Design and Approval of Programs

• Programların eğitim amaçlarının belirlenmesinde ve müfredatın (eğitim programının) How and to what extent are internal and external stakeholder contributions realized in its design?

In determining the educational objectives of the programs and designing the curriculum, the opinions of field experts are primarily taken into consideration. For this purpose, the subject is examined in detail and decided by taking into account the sub-commission studies in the authorized boards of the educational units. During the sub-commission studies, developments in the field are closely observed, and within the framework of application practices, feedback is received from external stakeholders (graduates, industrial organizations, civil society organizations) through meetings or surveys, and changes are made to the educational objectives of the programs and the curriculum. During this study, arrangements are made by taking into account the Bologna criteria.

• How are the program competencies (graduate knowledge, skills and competencies) determined?

The qualifications of the programs (graduate information, skills and competencies) are determined by the criteria of the Turkish Higher Education Qualifications Framework (TYYÇ), the Bologna process and feedback received from graduate students and the workplaces where these students

work. With these tools, it is aimed for students who register for the programs and receive education and training services to have the ability, knowledge and skills to effectively reflect their theoretical and practical gains in their professional work within the framework of the program they prefer. The qualifications of the education programs are determined by taking into account the characteristics of the relevant programs, social and professional expectations and student characteristics in a way that is compatible with the Turkish Higher Education Qualifications Framework and the Teacher Qualifications determined by the Ministry of National Education.

Some of our faculties and departments are periodically inspected by EAEVE, MÜDEK, UTEAK accreditation institutions. The deficiencies identified during the accreditation process are categorized as observation, concern and weakness and the issues reported are carefully considered by the relevant unit and university administration, and the necessary measures are taken by questioning how the weaknesses and concerns will be resolved.

- **Is the compliance with the Turkish Higher Education Qualifications Framework (TYYÇ) taken into consideration when determining the qualifications of the programs?**

Yes. While determining the qualifications of the programs, their compliance with the Turkish Higher Education Qualifications Framework (TYYÇ) is taken into consideration.

- **Is there a connection between the program competencies and course learning outcomes?**

Yes. A connection is made between the program qualifications and the course learning outcomes. For this purpose, a harmonious process is planned by taking into account the curriculum, course processing and program outcomes. The connection between the program qualifications and the course learning outcomes is made in accordance with the Bologna criteria (https://obs.firat.edu.tr/oibs/bologna) .

- **How is the approval process of programs carried out in the institution?**

The preparation process (file preparation and program proposal) of a program planned to be opened is carried out by faculty members who are experts in the relevant field. The prepared file is discussed in the authorized board of the relevant unit and forwarded to the Rector's Office. The Rector's Office sends the file to the University Education Commission for review and necessary corrections. After the commission review, the file is presented to the University Senate. Following the approval of the Senate, the Rector's Office sends the file to the Council of Higher Education. The program is opened after the approval of the Council of Higher Education.

- **Are the educational goals and outcomes of the programs openly announced to the public?**

Detailed information about the programs, especially the educational objectives and achievements of the programs (program application requirements, purpose, importance, achievements, graduation status, curriculum, course processing, course materials, videos, interactive materials, etc.) are announced on the website. In addition, from time to time, the subject is shared with the public through statements made by the University's senior management through the press and prepared brochures and announcements.

2. Continuous Monitoring and Updating of Programs

- **How is the program reviewed and evaluated by ensuring the participation of internal stakeholders (students and employees) and external stakeholders (employers, business and professional organization representatives, alumni, etc.) in the process?**

The revision of programs in our university's accredited programs is carried out with the participation of internal and external stakeholders (students, employees, employers, representatives of business and professional organizations, alumni, etc.) in the process and with the feedback obtained from the stakeholders. Necessary measures are taken to spread the quality processes envisaged by accreditation institutions for the development of the program in the University. At the same time, workshops, symposiums and meetings with sector participation, organized by establishing interactions with professional experts and institutions/organizations, contribute to both the coming together of sector components with our students and academic staff and the revision of the program. One of the methods applied in this regard is the surveys conducted for internal and external stakeholders.

- **How often, how and by whom are review activities carried out? How are contributing stakeholders identified? At what stages of the decision-making process can these stakeholders participate?**

Program review activities are carried out as a result of evaluations made by program coordinators in accredited programs and other committees established within the program for this purpose. In the evaluation process of these programs, necessary measures are taken to overcome the deficiencies, weaknesses, concerns and observations determined by the evaluators. Such activities are already routine work in order to continue the accreditation of programs, especially those included in the accreditation process. Therefore, during the program review phase, all stakeholders of the program output that is found to be inadequate should be included in the process.

- **How are evaluation results used to update and continuously improve the program?**

The evaluation results are carried out by taking into account the student's level of success and the feedback of the students and stakeholders is taken as basis for the updating and continuous improvement of the program. Updates and improvements are made when necessary, and changes are made to the curriculum, materials and methods when necessary. The feedback from the graduate students who have become stakeholders of the program outputs, the institutions where the students work, the evaluation reports produced by the in-house commissions and boards at the end of each term and the evaluation data from the meetings held with external stakeholder representatives are the basic starting point for the improvement of the program. The sustainability of this process is constantly monitored by the commissions and boards established in our units.

- **How do we monitor and measure whether the programs have achieved their educational goals and whether they have met the needs of students and society?** Our university monitors whether the programs have achieved their educational goals according to our graduates' success rates in national and professional exams, employment rates, workplace success and promotions. However, no measurement or evaluation is made outside of accredited units.

- **How are programmes' commitments to educational objectives and learning outcomes secured?**

The commitments of the programs regarding the educational objectives and learning outcomes are provided by evaluating the success rates of the students at the end of the academic year and the learning processes according to the applied surveys. In addition, conclusions are reached regarding the adequacy of the faculty members in using various teaching tools and materials in the courses, having effective communication skills, encouraging critical thinking, being accessible to students and allocating time for students, and measuring and evaluating with techniques appropriate to the

learning levels of the students. This situation is shared with the faculty members, and thus, competencies are increased and deficiencies are eliminated. In addition, the commitments of the programs regarding the educational objectives and learning outcomes are secured with activities such as continuous updating of the programs within the scope of TYYÇ, harmonization policy with Erasmus and Mevlana programs, diploma supplement, and information meetings for students.

3. Student-Centered Learning, Teaching and Assessment

• Are the credit values (ECTS) of the courses in the programs determined based on student workload?

Yes. The credit values (ECTS) of the courses in the programs based on student workload are determined by the unit that prepares the program, and the compliance of this information with the Bologna criteria is checked by the University Education Commission.

• Are the workloads of the practices and internships that students can carry out in workplaces at home and/or abroad determined (ECTS credits) and included in the total workload of the program?

Yes. Workloads for practices and internships are determined and included in the total workload.

• How are students encouraged to take an active role in running the programs?

Students are actively involved in the implementation of the programs through activities such as homework/project presentations, laboratory experiments, and internship presentations. Laboratory courses are particularly effective in providing practical skills, and students learn by applying and experiencing information. In addition, projects prepared by students are exhibited throughout the university under the name of Project Exhibition, and students who rank are rewarded.

• Is the achievement measurement and evaluation method (SME) designed to measure whether the targeted course learning outcomes have been achieved?

Yes. The success measurement and evaluation method (SAM) is designed to measure whether the targeted course learning outcomes have been achieved. The grade evaluation process is based on the relative evaluation system. Different measurement methods are used in line with the goals and objectives in the educational programs. The measurement systems applied in courses and internships are listed below:

- Classical written exam
- Oral exams
- Mini Quizzes
- Multiple choice exams
- True/false tests
- Making a presentation
- Practical exams

Report preparation (for laboratory courses)

Especially in units included in the accreditation process, the Course Evaluation Report prepared by the instructor teaching the relevant course at the end of each academic term is compared with the course information package defined for that course.

• What method is followed to ensure accurate, fair and consistent assessment (tests/grading/course completion/graduation requirements based on predetermined and announced criteria, etc.)?

The weekly topics of all courses, the type and number of exams, midterm exams, final exams, homework, reports, etc. and their contributions to the success grade are announced to students at the beginning of the semester via the Student Information System (OBS). The instructor responsible for the course announces the answer keys for the exams and the scores for these answers, and objections made within the legal period are evaluated. Seminars and information meetings such as Training of Trainers and Effective Use of Measurement and Evaluation Methods held in some units contribute to the accurate, fair and consistent evaluation of teaching staff in education.

• Are there clear regulations covering the situations where there are legitimate and valid reasons preventing a student from continuing or taking an exam?
Yes. There are clear regulations in the "FU Associate and Undergraduate Education-Teaching Regulation" covering the situations where there are legitimate and valid reasons preventing a student from continuing or taking an exam.
(https://yeni.firat.edu.tr/sites/default/files/Egitim%20Ogretim%20Yonetmeligi%202013.pdf).

• Are there arrangements for students requiring special treatment (such as students with disabilities or international students)?

Readers and markers are assigned upon request for students with disabilities enrolled in our university programs. Students with orthopedic disabilities are assigned exam locations with ramps, elevators or ground floors of buildings.
The International Student Office, established by our Rectorate to assist international students in their educational activities and coordinate international student mobility, provides guidance services to international students throughout the entire process from application to graduation. The Office is currently responsible for the orientation of 195 undergraduate and 205 graduate students from approximately 31 countries, their social, cultural, artistic and athletic interactions, and related research and development studies.

4. Student Admission and Development, Recognition and Certification

• Are clear and consistent criteria applied in all processes related to student admission?

Yes. Clear and consistent criteria are applied in all processes regarding student admission; Higher Education Evaluation, Selection and Placement Center
Within the framework of the Transition to Education Exam and Vertical Transfer Exam results, preference and placement procedures are carried out by ÖSYM. Within the framework of the Horizontal Transfer criteria of the Council of Higher Education, students are admitted through internal and

external Horizontal Transfer and ÖSYM score and transition criteria are applied. In addition, students are admitted to postgraduate programs within the scope of the provisions of the Council of Higher Education Postgraduate Education and Training Regulation and Fırat University Postgraduate Education and Training Regulation.

- **What method is followed to ensure the adaptation of new students to the institution/program?**

In order to ensure the adaptation of new students to the institution/program, introduction programs are organized for each unit, such as faculties, conservatory, colleges and vocational schools, at the beginning of the academic year. In this program, information is provided on the introduction of our university, library and social facilities, management of faculties and units, administrative and academic structure, regulations, course and exam systems and applied evaluation methods, career planning, expectations of our university from students and opportunities for interaction with members of the profession. In addition to this general introduction, introductory and socializing meetings are organized within the departments and programs.

- **How is the recruitment of successful students to the institution/program and/or the student's academic success in the program encouraged and/or rewarded?**

The academic success of the student is encouraged and rewarded. At the end of each term, the success level of the students is determined by the Weighted Cumulative Grade Point Average (CGPA). Among the successful students, those who are Honor and High Honor students (CGPA between 3.00-3.49 are Honor students, and 3.50-4.00 are High Honor students) are indicated in the academic status document and announced on the university's website. This GPA is effective in entering the master's and doctoral programs. In addition, awards are given to master's and doctoral students within the scope of the "Successful Graduate Thesis Award Directive" and students' work and success are encouraged.

- **How effectively are academic counseling services provided to students and how are their academic development monitored?**

Academic Advisory services are implemented very effectively to facilitate the education and training processes of our students and to increase their professional development. Advisors assigned by the units; direct the student's course registrations, monitor their success in the courses, try to help them solve the problems they encounter, contribute to the applications for the development of professional skills or to the direction of the next level program such as undergraduate, graduate and doctoral programs. Advisors continue these duties until the students graduate.

- **Are there necessary regulations regarding course and credit recognition and diploma equivalence to encourage student mobility?**

Yes. There are necessary regulations on issues such as course and credit recognition and diploma equivalence to encourage student mobility. Our registered students are included in international student exchange programs. Unit coordinators are assigned to the subject in our faculties. Students are encouraged to participate in Erasmus, Mevlana and Farabi programs by their advisors and are provided with education in different educational institutions (national and international). The courses taken by students participating in these Erasmus and Mevlana programs in foreign countries and considered equivalent are evaluated by the Unit Adaptation Committee and are included in their transcripts with their original names after the approval of the authorized boards. In addition, 6 departments of the Faculty of Veterinary Medicine, Faculty of Medicine and Faculty of Engineering continue their accreditation processes successfully. Studies are carried out for the international recognition of the diplomas of students who graduate from these accredited departments, especially in European countries. The diplomas of our graduates are also issued in English and an English Diploma Supplement is given to graduates who request it.

5. Education-Training Staff

- **Is there a sufficient number of qualified academic staff to carry out the education-training process effectively?**

Yes, there are. There are 1855 academic staff in our university, 935 of whom are faculty members. Although the number of academic staff working in the programs carried out at the university is sufficient, there is a need for academic staff who will contribute to education, especially in newly opened programs, and in some units, Teaching Assistants (especially Research Assistants).

- **How are the processes regarding the recruitment, appointment and promotion of teaching staff carried out?**

The processes related to the recruitment, appointment and promotion of teaching staff are carried out by the Presidency of the Council of Higher Education within the scope of Law No. 2547.

It is carried out by the Human Resources Department of our University. Within this scope, new staff and staff promotion requests are received in line with the needs of the departments, and the requests are discussed in the relevant boards by the Deans' Offices and the Rectorate. After the announcements on the web page through the press; the status/files of those who meet the necessary conditions for teaching assistants (such as diploma grade, ALES and YDS grade) are examined and they are appointed after a written and oral exam. Faculty member appointments are made within the framework of the provisions of the "FU Faculty Membership Promotion and Appointment Principles" and according to the decisions of the authorized boards (https://yeni.firat.edu.tr/content/atanma-ilkeleri-2014) .

- **How are the procedures for selecting and inviting faculty members to teach from outside the institution carried out?**

The selection and invitation procedures for faculty members to teach external courses are carried out in accordance with the relevant articles of Law No. 2547. Assignments are made upon the proposal of the Department Heads, approval of the Board of Directors and approval of the Rector's Office.

- **How is it ensured that the competencies of the teaching staff (field of study/academic expertise, etc.) and the course content match when assigning courses at the institution?**

In the assignment of courses in the institution, the correspondence between the competencies of the teaching staff (field of study/academic expertise, etc.) and the course content is ensured by the heads of the relevant units and the authorized boards, primarily under the responsibility of the department heads and science branch heads.

- **What opportunities are provided to continue the professional development of teaching staff and improve their teaching skills?**

In order for the teaching staff to continue their professional development and improve their teaching skills, domestic and international research, study and assignment requests are encouraged by the university senior management. Academic staff are provided with free access to a large number of national and international electronic databases within the scope of library services. Active participation of academic staff and research assistants in international conferences and symposiums not exceeding 3 times a year is supported by our university by covering travel and participation fees. In

addition, performance and incentive awards and BAP project support are provided by the university and YÖK within the scope of the relevant legislation.

- **Are there mechanisms in place to monitor and reward the educational performance of teaching staff?**

Yes. In order to monitor and reward the educational performance of the teaching staff, support is provided within the framework of points earned in return for scientific studies and projects conducted by the teaching staff through FÜBAP. The support here is not in cash, but is provided in the form of financial support for new projects in return for points accumulated depending on scientific activities. In addition, advisor faculty members are also evaluated in rewarding postgraduate students, and there are award policies that honor faculty members who do successful work in their fields in order to encourage scientific projects and studies .

- **How does the institution ensure the sustainability of the quantity and quality of the teaching and learning staff that will enable it to achieve the goals within the scope of the education component?**

Scientific research, infrastructure and individual projects conducted by academic staff are submitted to the FUBAP unit, and financial support is provided to projects that are decided to be supported as a result of peer-reviewed evaluations. In addition, research and development activities are carried out in line with the support provided by institutions such as TUBITAK and the Ministry of Industry. On the other hand, necessary studies are carried out for the accreditation of certain programs in the University and the dissemination of accreditation processes in the University. In accredited programs, efforts and improvement studies are ongoing to provide the program outputs foreseen by accreditation institutions for each program. With the dissemination of these processes, it is attempted to secure the development of the teaching-training staff in terms of quality that will enable the achievement of the targets within the scope of the education component. In addition, in this context, the issue is also addressed in terms of quantity and the aim is to create a sufficient number of teaching staff and the necessary demands and initiatives are made accordingly.

6. Learning Resources, Accessibility and Supports

- **Does the institution provide adequate and appropriately equipped learning environments (classrooms, computer laboratories, libraries, meeting rooms, workshops, clinics, laboratories, agricultural areas, museums, exhibition areas, individual study areas, etc.) that will increase the effectiveness of education and training?**

Our university units include classrooms, meeting rooms, clinics, research laboratories and computer laboratories, graduate classrooms, conference halls of various capacities, meeting rooms and workshops. In order to improve the learning environment for students, it was decided to build a modern library within our university. In the computer laboratory, which has the characteristics required by information and internet technologies, students acquire the skills to use today's information systems related to their fields and can access all kinds of scientific resources via the internet.

- **Does it encourage the use of new technologies in education? What types of technologies are used in the institution?**

Online processes are planned and implemented in our university for the use of new technologies throughout the education-training process. For this reason, current technological developments are followed and efforts are made to popularize these new developments. Most of the classrooms in the current units have the technological and physical infrastructure required for faculty members to easily continue their lessons. Many licensed programs are offered for the use of our faculty members and students, and the use of smart boards, computers and projectors is encouraged. On the other hand, package programs are purchased to popularize the use of computer technologies, especially in programs in the fields of science and engineering, and are offered to students and faculty members. Our university offers free access to national and international electronic databases by purchasing them.

- **What kind of support is provided for students' professional development and career planning?**

Consultancy services are provided by academic staff for students' professional development and career planning. Career days are organized periodically at our university to help students become aware of their careers. During career days, more specific sector representatives are brought together with students. In some departments, technical trips are organized throughout the country, especially for senior students, depending on the nature of the program and within financial means. Again, in some programs of our university, Entrepreneurship courses are taught as electives, contributing to the development of the entrepreneurship and innovation ecosystem in our country. Most programs of our university have an internship program as part of the curriculum. Internship practices make a significant contribution to the professional development of students. Our students are encouraged to participate in professional development and career planning events organized by our University Student Clubs, and such activities are supported.

- **How are external support components provided for programs that require students to gain external experience, such as internships and workplace training?**

Internship committees have been established in our units for our students to gain external experience such as internships and workplace training, and our students are guided by these committees. For programs that require students to gain external experience such as internships and workplace training, cooperation with stakeholders from various institutions and organizations is provided through these committees. Within the scope of professional practice courses, students do internships in clinics, public hospitals, pharmacies, factories, private sector organizations, libraries, archives, museums and schools affiliated with the Ministry of National Education, etc. in Turkey and abroad.

- **Are support services such as psychological guidance, health services, etc. provided to students?**

A counselor is assigned to Fırat University students after they enroll. The counseling service helps students solve the problems they encounter. Students can receive health services from the Fırat University Medical Faculty Research Hospital, which is the largest university hospital in our region, as well as the Student Health Center affiliated with the Faculty of Dentistry, Health, Culture and Sports Department.

- **Are there facilities and infrastructures (dining hall, dormitory, sports fields, technologically equipped study areas, etc.) for student use? There** are facilities such as dormitories, dining halls, indoor and outdoor sports fields, cafeterias, bicycle paths, libraries and computer laboratories on the university campus for student use.

- **To what extent are social, cultural and sports activities supported for student development?**

Social, cultural and sportive activities are organized for student development; conferences, panels, congresses, as well as social responsibility projects are organized and supported. Some of these activities are organized directly by the University, while others are organized through student clubs established within the University.

Students participate in social, cultural, artistic and sports activities by becoming members of student clubs operating in different areas established at the university. The largest sports hall in our region, where students can carry out sports activities, has recently been put into operation at our university. The social, cultural and sports activities of students are supported and organized by the Health, Culture and Sports Department . In addition, the university provides financial and moral support for the organization of scientific student congresses and participation in congresses at other universities. Students who achieve success as a result of social, cultural or sports activities at the university during the year are rewarded.

- **How does the institution provide adequate and accessible learning opportunities and student support for students who require special approaches (such as students with disabilities or international students)?**

Necessary measures are taken to ensure that disabled students studying at the university complete their education-training processes in a healthy, barrier-free, independent, social and successful manner. In particular, necessary work is being done to create the necessary physical environment (ramp, elevator, wheelchair) to facilitate disabled students' access to classrooms. Our University's Foreign Student Office assists international students who require a special approach, and language courses are provided by TÖMER (Turkish Language Teaching Center). In addition, the International Student Office, which has the status of a counseling center, provides the necessary support for our guest students from abroad to have a smooth and successful higher education process.

- **How are the quality, effectiveness and adequacy of the services/support provided ensured?**

During and at the end of the education-training process, the units communicate with academic, administrative staff and students to obtain feedback (such as face-to-face meetings and interviews held by advisors with students every year, meetings held with alumni). In line with the transparency and accountability principles of contemporary management, students can communicate with both academic and administrative staff at the University directly or indirectly (such as complaint boxes, e-mail messaging via OBS). The accreditation studies carried out in the Faculty of Veterinary Medicine, Faculty of Medicine and the Departments of Chemistry, Geology, Electrical-Electronics, Mechanical, Environmental and Civil Engineering of our University are indicators of how the quality, effectiveness and adequacy of the services/supports provided are secured.

4. RESEARCH AND DEVELOPMENT

1. Research Strategy and Objectives of the Institution

- **Have the institution's research strategy, goals, and who will achieve these goals been determined?**

of our University *for the years 2014-2018* ; our institution's research strategy, goals and the units that will realize these goals were determined.

- **What are the institution's research strategy and goals? How are these goals determined and how frequently are they reviewed?**

The second strategic goal of the **Strategic Goals and Targets** section in our University's ***Strategic Plan*** is to carry out scientific research activities. Accordingly, during the plan period (2014-2018), to develop the infrastructure of scientific research projects, to support scientific activities To work on providing more support and incentives, to create resources for scientific meetings, conferences, seminars, etc., to organize training meetings for project preparation by the Project Coordination and Consultancy Center and to provide technical support to faculty members who will prepare projects, to increase the support provided for projects and patent applications, and to support interdisciplinary projects primarily by FÜBAP.

In line with the purpose, the necessary strategic targets and activities/indicators and responsible units are included under subheadings. The relevant research strategy and targets are periodically monitored through annual ***Activity Reports*** and ***Institutional Internal Evaluation Reports , as well as*** the realization values of the targets and indicators.

- **Is the institution's research strategy holistic and multidimensional or is it focused on a single research area? What is the institution's perspective on basic research and applied research?**

Our university's research strategy is holistic and multifaceted. R&D studies are carried out in a multifaceted dimension with postgraduate education-training activities and interdisciplinary research. In order to increase the quality and quantity of basic research, a central laboratory was established and the number of postgraduate students was increased. For example, while the number of registered students in the Institute of Science was 995 in 2012, this number was increased to 1758 in 2015. Similarly, the number of students and researches was increased in other institutes. The requirement of publishing at least 1 article produced from the doctoral thesis within the scope of SCI is applied in the Institute of Science. On the other hand, in order to increase applied R&D activities, both the research infrastructure projects were supported and the research capabilities of the departments were increased, and the incentives applied tried to make maximum use of in-house resources. Innovative ideas with technopreneurship potential were supported and encouraged in the graduation project market and competitions organized especially for undergraduate and graduate students. In this context, Fırat University became the first in Turkey in techno-enterprise project applications with 138 projects in 2015. 23 of these projects were supported and incorporated **in Fırat Teknokent** .

- **Does the institution carry out research activities related to its priority areas in research? Are there UYGAR centers in its priority areas in research? If so, are the goals of these centers determined and are their outputs monitored and evaluated?**

In 2015, with the efforts of the Ministry of Science, Industry and Technology, the strengths of our university in terms of personnel and infrastructure were determined and reported. In this context, it is planned to establish new UYGARs in order to further develop the determined areas and transform them into centers of excellence. In line with the opinions of internal and external stakeholders, it is planned to reorganize or close the centers that are passive and outdated.

- **Does it organize scientific and/or sectoral meetings in line with the recommendations of internal and external stakeholders regarding its priority areas in research?**

Fırat University organizes events and sends representatives to events in order to constantly follow the agenda and convey innovations to both academics and industrialists. In this context, it pioneered the 2nd Elazığ Development Congress in order to primarily consider the needs of the city and the region, the priority needs of the city were determined together with all stakeholders and similar activities were accelerated with sectoral meetings held within Fırat Teknokent.

- **What kind of interaction is there between the institution's research activities and other academic activities (education, service to society)? Is there a strategy for this?**

of our university and other academic activities (education and training).

one-way interaction. On the one hand, there are teaching activities at national or international meetings within the scope of research activities .

While the participation of its members is encouraged with the support provided, on the other hand, services are provided to the society through UYGAR centers. The integration of our university with the society is ensured in this way. For example, the Harput Symposium from Past to Future is organized within the Harput Application and Research Center, and joint projects are carried out with Elazığ Municipality and the Ministry of Culture. In addition, the number of faculty members sent abroad in 2015 was 439. There are many services provided to the society in technical terms. For example, concrete and structural analysis services are provided to various institutions, organizations and private units within the Construction Laboratory. In addition, due to the wide scope of the Eastern Anatolian earthquake fault, a project application was made to the Fırat Development Agency in 2016 for the establishment of an Accredited Construction and Earthquake Laboratory.

- **Does the institution support inter-institutional research activities as part of its research strategy? Does it develop platforms suitable for such research? And how does it monitor and evaluate the outcomes of such research?**

As part of our research strategy, our university supports inter-institutional research activities. In this context, nationally, TUBITAK, MINISTRY OF INDUSTRY AND TRADE, MINISTRY OF DEVELOPMENT, MINISTRY OF CULTURE, MINISTRY OF YOUTH AND SPORTS, TIKA, TAGEM and regionally,

Joint research activities are carried out with institutions such as (Fırat Development Agency) and DAPBKİ (DAP Regional Development Administration) etc.

- **Does the institution support interdisciplinary and/or multidisciplinary research activities as a research strategy? Does it develop platforms suitable for such research? And how does it monitor and evaluate the outcomes of such research?**

There are various interdisciplinary postgraduate programs at Fırat University and students are accepted to these programs regularly. The courses given and the studies carried out within the scope of these programs are regularly followed up through the institutes.

- **How does the institution link its research strategies with local/regional/national development goals?**

Fırat University carries out the Provincial Innovation Platform project with Elazığ Governorship, Elazığ Municipality, Chamber of Commerce and Industry and various institutions. In this context, it contributes to regional development in line with our country's 2023 goals. It also carries out joint studies with Fırat Development Agency.

KOSGEB provides support to the Municipality and other institutions regarding entrepreneurship training.

- **Does the research conducted have an economic and socio-cultural contribution when evaluated from a regional/national perspective? How is it encouraged?**

In addition to basic and applied research in academic studies conducted at our university, studies are also conducted that will benefit the economic and socio-cultural development of the region. Thus, it is aimed to increase the income level and welfare of the province and the region, and to prevent migration. In these studies, cooperation is made with other institutions and organizations for implementation. For example, in 2015, Elazığ Municipality organized entrepreneurship trainings with agreements made with KOSGEB. In addition, with the technical support provided in the SODES project carried out by Elazığ Municipality, it has also become one of the stakeholders in training intermediate staff for the marble sector, which is one of the locomotives of the regional economy. In addition, consultancy services were provided by academicians in line with the demands of the private sector, thus providing the technical support needed by the industrialists in the region. Organized Industrial Vocational School is in constant communication with Elazığ OSB, programs are opened in line with the needs and the content of the provided trainings are updated. With the decision taken by the Fırat University Senate, academicians were assigned to Fırat Teknokent for up to 1 month without permission in order to meet the needs of the industrialists in the shortest time.

- **Does the institution have any initiatives regarding the adoption of ethical values in research (Ethics Committee, special software to prevent plagiarism, etc.)? With the Fırat University Scientific Research and Publication Ethics Directive and Animal Experiments Ethics Committee Directive** implemented at Fırat University , the necessary document infrastructure has been provided to cover all areas. In addition, the ethics committee is formed by faculty members from different fields and meets regularly to make evaluations. As special software to prevent plagiarism, Turnitin and iThenticate have been added to the library database and postgraduate theses and articles are evaluated ethically.

- **Are research outputs (project reports, publications, patents, etc.) rewarded?**

In 2012, the Performance Directive implemented by the Scientific Research Projects Unit of Fırat University came into force. With this directive, academics are supported by FÜBAP under the name of performance project in line with the scientific activities (project, publication, patent etc.) they have carried out within a year. In addition, the best theses are rewarded within the Institute of Science. In the evaluation criteria of these theses, outputs such as projects, publications and patents are effectively evaluated.

The link to the Fırat University Performance Directive is given below; http://bap.firat.edu.tr/index.php?act=guest&act2=sayfa&id=16

The link to the Fırat University Most Successful Thesis Guideline is given below;

https://yeni.firat.edu.tr/sites/default/files/Fen%20Bilimleri%20Enstit%C3%BCs%C3%BC%20En%20Ba%C5%9Far%C4%B1l%C4%B1%20Lisans%C3%BC

- **Is there necessary internal information sharing regarding research opportunities?**

Fırat University Project Coordination and Consultancy Office and Fırat TTO regularly send support announcements from funding organizations such as TUBITAK, Ministry of Science, Industry and Technology, KOSGEB, SODES, EU, H2020 to our academicians via e-mail and announcements through their joint and individual studies. In addition, Project Coordination and Consultancy Office and Fırat TTO work together to inform the relevant academicians personally by phone calls or visits, especially for high-budget project announcements.

- **Are the diversity of doctoral degrees awarded and the rate at which doctoral students start working as lecturers at domestic and international universities tracked? What is the rate of students who find employment in an academic setting with a doctoral degree awarded by the institution?**

The 4 institutes within Fırat University regularly follow the master's and doctoral education that the departments and branches of science have provided and are providing. This situation, which is easily followed through the current automation system, is regularly reported by the institutes at the end of the academic term. Our current automation system is used to follow our doctoral graduates. Their current status is tried to be followed through one-on-one interviews conducted by the institutes.

- **Does the institution have policies for the establishment and appropriate use of the necessary physical/technical infrastructure and financial resources for its activities within the scope of its research priorities?**

In the study conducted in 2015, the entire infrastructure and personnel status of our university were reviewed and research priorities were determined. In line with this evaluation, our university applied to the TÜBİTAK 1000 Support Program for Increasing the Research and Development Potential of Universities and received support to prepare a strategy document in the field of Electrical Machines. In addition, support is provided by BAP to provide the necessary infrastructure for other determined priority areas. Detailed information is provided in the link below; https://yeni.firat.edu.tr/tr/content/f%C4%B1rat-%C3%BCniversitesi-el   ektrik-makinalar%C4%B1-alan%C4%B1nda-t%C3%BCbitak-ar-ge-strateji-belgesihaz%C4%B1rlamaya

- **How does the institution ensure the sustainability of the research activities within the scope of its priorities in terms of quantity and quality?**

In order to ensure the sustainability of the activities in the priority areas determined by our university in terms of quantity and quality, the necessary equipment and motivation are tried to be provided by supporting the academic staff and laboratory infrastructure. In addition, meetings are held with the relevant academicians to exchange views on the current status and modernization of the infrastructure. **2. Research Resources of the Institution**

- **Are the institution's physical/technical infrastructure and financial resources suitable and sufficient to carry out the activities within the scope of its research priorities?**

Our university's physical/technical infrastructure and financial resources are PARTIALLY suitable and sufficient to carry out activities within the scope of research priorities. Fırat University, through BAP, provides 'infrastructure project support' to improve the research quality and environment in university units. In 2015, 5,581,687 TL of infrastructure support was provided to various units to improve research and development environments. In addition, F.Ü. Central Laboratory started to provide services in 2016.

- **Are there clear criteria for allocating internal resources to research activities? How are these criteria determined and how frequently are they reviewed?**

The criteria for the allocation of in-house resources to research activities are regulated by the Fırat University Scientific Research Projects (FÜBAP) Coordination Unit Project Proposal Preparation, Evaluation and Execution Directive (See http://fubap.firat.e du.tr/) .
In accordance with this directive, the upper limit of the support that can be allocated for the projects to be supported in each fiscal year is determined by the FÜBAP Commission (Article-8).

Project support amounts and criteria are discussed in the commission at the beginning of each new year and necessary changes are made.

- **If there are priorities for the allocation of internal resources to research activities, what parameters (alignment with the research priorities of the institution, multi-partner/disciplinary research, inter-institutional and/or international partnerships, postgraduate studies, basic research, applied research, experimental development, output/performance, etc.) are taken into account?**

FÜBAP Commission evaluates project applications according to the criteria stated below.

a-The project should contribute to science or the economic, social and cultural development of the country, depending on its nature, and should be related to basic and applied sciences. Priority should be given to projects in priority areas determined by the Senate of Fırat University upon the recommendation of the Scientific Research Projects Commission. b-Interdisciplinary research projects and projects with at least 30% support from outside the University have priority in support.

c- The facilities, equipment and personnel where the project will be carried out, as well as the knowledge, experience and accumulation of the researchers in the relevant field are taken into consideration. Multi-partner comprehensive projects created with the participation of university units have priority in support.

d- Priority is given to projects of faculty members and staff whose articles have been published or accepted for publication in publications registered in international citation indexes.

The e-Commission evaluates the project in terms of its financial portrait and available opportunities, and reorganizes the project budget by reaching an agreement with the project managers when necessary. The Scientific Research Projects Commission evaluates the project from the project expert groups within one month for the proposed projects and submits it to the commission. The commission is authorized to make any changes, partially or completely reject them by a majority vote, taking into account the suggestions of the expert group members.

Postgraduate thesis research is also supported within the scope of research projects.

- **How does the institution encourage and support collaboration with internal/external stakeholders and sourcing from outside the institution to ensure effective/efficient use of resources and to provide additional resources?**

Fırat University is in constant cooperation with internal/external stakeholders to ensure effective/efficient use of resources and to provide additional resources. Considering regional needs, efforts are made to obtain resources from outside the institution and through joint collaborations. For example, the provision of various needs of the Vocational School established in Elazığ Organized Industrial Zone from OSB, the application for the support of the Accredited Construction and Earthquake Laboratory by Fırat Development Agency, and the joint collaborations with Elazığ Municipality aim to encourage the provision of resources from outside the institution.

• **Is the existing external support (project support, donations, sponsorships, etc.) provided from outside the institution sufficient and compatible with the strategic goals of the institution?**

TUBITAK, MINISTRY OF INDUSTRY AND TRADE, MINISTRY OF DEVELOPMENT , MINISTRY OF CULTURE, MINISTRY OF YOUTH AND SPORTS, TIKA, TAGEM

External support provided by outside our university is not compatible with our university's strategic goals but is not sufficient.

• **What kind of support does the institution provide to ensure that research activities are carried out in accordance with ethical rules (fulfilling the requirements of the Law on Intellectual and Artistic Works, use of licensed software)?**

In order for our university's research activities to be carried out in accordance with ethical rules, fees and other license fees that must be paid in accordance with the Law on Intellectual and Artistic Works are paid upon application to our university. In addition, the necessary software is purchased within the university in line with requests and made available for the use of researchers.

• **How does the institution ensure the sustainability of the resources needed (physical/technical infrastructure, financial resources) within the scope of its objectives related to the research component?**

Our university ensures the sustainability of the resources it needs within the scope of its goals related to the research component with its own revenues, special budget allocations envisaged in the central government budget and revolving fund revenues.

3. Research Staff of the Institution

• **How does the institution ensure that hired/appointed research personnel have the necessary competence?**

Our university ensures that the hired/appointed research staff have the necessary competence.
It ensures this by implementing higher education legislation. In addition, Fırat University Appointment Principles are applied to all academic staff and academics who meet the required criteria are appointed to appropriate positions.

• **How is the competence of research staff measured and evaluated?**

our university's research staff is subject to the institution's approval at certain periods and at the end of each contract.
are measured and evaluated through evaluation and reporting according to the appointment criteria. In addition, Fırat University Rectorate visits the departments at various times every year and the work of the academicians is evaluated during these visits.

• **What opportunities are offered to develop and improve the competence of the research staff?**

As a result of the interviews with the faculty and department managers, the academic staff needs are determined in terms of quality and quantity and the number of staff is tried to be increased accordingly. In addition, as a result of the evaluations made, laboratory needs are determined and deficiencies are eliminated.
Foreign language courses are regularly organized to improve the competencies of current academics.

• **How does the research performance get evaluated during the appointment and promotion process?**

During the appointment and promotion process, research performance is evaluated through Commissions within the scope of Fırat University Appointment Principles and evaluation is made by giving priority to those with high performance scores.

• **How does it ensure the sustainability of the research staff, in terms of quantity and quality, that will enable it to achieve its goals within the scope of the research component?**

In order for academicians to continue their studies in terms of quality and quantity, the studies carried out under various programs by the Fırat University Scientific Infrastructure Projects unit have been supported within the possibilities. In 2015, 5,452,723 TL was allocated from FÜBAP resources for research infrastructures and 14,106,652 TL was allocated for ongoing projects. In addition, it is aimed to increase the motivation of academicians with the awards and incentives given.

4. Monitoring and Improving the Institution's Research Performance

• **Is the institution's research performance measured and evaluated periodically and based on data?**

With the YÖK Academic Incentive application, which started in 2016, the current situation has been determined with high accuracy, deficiencies have been identified and necessary measures have been planned. In addition, the work done by academics is determined and evaluated in the activity reports prepared by each program.

• **In evaluating research performance, information on doctoral programs (number of students enrolled in doctoral programs and graduates,**
 (The rates of graduates working in academic environments and/or industrial organizations, rates of working
 in Turkey and abroad, etc.), the number of master's and doctoral students for the last 5 years are given below.

Institute	of Science		Educational Sciences		Social Sciences		Health Sciences		Grand Total
	Domestic and International		Domestic and International		Domestic and International		Domestic and International		
Registered Number	33712		51	0	179	0	122	1	702
*Number of Graduates	2450		56	0	90	0	39	2	432
*Graduate Res. Asst.	1090		1	0	31	0	8	0	149

* As of 01.01.2011

In the last 5 years, 149 of the PhD students who graduated from our institutes became Research Assistants, while 432 people completed their PhDs outside our university. As a result of the interviews conducted with our PhD graduates, it was determined that they generally work as academicians in Turkey. No information was obtained about those working abroad.

- **Contributions to the regional, national and world economy,**

Their contributions to the regional, national and global economy are being evaluated. In 2015, within the framework of university-industry cooperation, 79 contracted projects without public-EU funding, 20 TEYDEB projects, 4 SAN-TEZ, 2 development agencies and 39 different various projects (KOSGEB, Teknogirişim etc.) contributed to the national economy.

- **Are the institution's current research activities, their compliance with research objectives, and their contribution to achieving these objectives evaluated and monitored as quality indicators?**

our university's current research activities with its research objectives and its contribution to achieving these goals is evaluated and monitored in terms of quality indicators. In addition, research projects funded by external sources, especially by TÜBİTAK, are regularly monitored by Fırat TTO and Project Coordination and Consultancy Office, and successful areas are reported.

- **Is there a mechanism to assess and monitor the quality of research?**

Students who are doing doctoral education at Fırat University Institute of Science are required to publish in at least 1 journal within the scope of SCI or present a paper in a well-known symposium organized abroad within the scope of their thesis studies. In this way, both the number of scientific studies of our university is increased and the quality of doctoral theses is ensured. In addition, according to the 2016 URAP data, Fırat University's being in the top 10 in Engineering Sciences and being 18th in the general ranking are developments that confirm the quality of the studies carried out. In addition, when looking at the last 10 years, Fırat University has succeeded in being among the top 10 universities in Turkey with the most publications in 39 fields. https://yeni.firat.edu.tr/tr/content/f%C4%B1rat-%C3%BCniversitesi-39-alanda-en-%C3%A7ok-bilimsel-yay%C4%B1n-yapan-ilk-10%C3%BCniversite-aras%C4%B1na-girdi

- **How does the institution review and improve the adequacy of research performance to meet the institution's objectives?**

Responsible units have been determined to monitor the relationship between the current situation and the targets related to research and development determined by the Presidency of Fırat University and included in the strategic report. In this context, the performances of the units are evaluated according to their activities in the academic evaluation board organized annually for each unit. In terms of project, patent and product development, the project coordination and consultancy office, Fırat TTO and Fırat Teknokent are under the coordinated responsibility and are evaluated with activity reports.

5. MANAGEMENT SYSTEM

1. Structure of Management and Administrative Units

- **Does the institution have a management model adopted in its management and administrative structure?**

While forming its management structure, Fırat University tries to make "the understanding of being determined to produce current and fair solutions to problems, having leadership qualities and being able to include not only current knowledge on a global scale but also its spiritual and national values and historical heritage in the evaluation and thought development processes" dominant in all administrative and management levels.
The basic philosophy of our management approach is to "provide scientifically accurate, fair and fast service to all our employees and other stakeholders, especially our students."

- **How does it manage its operational processes (education, training and research) and administrative/support processes?**

Fırat University carries out its education, training, research and all kinds of scientific processes by including all stakeholders (students, academicians, administrative staff and the city) as much as possible by using methods such as surveys, search meetings, workshops, seminars etc.
Administrative and support processes are carried out by keeping the sense of institutional belonging at the forefront and by holding in-house meetings, trainings and face-to-face interviews, insisting on finding the truth and developing institutional peace.

- **How effectively is the action plan for compliance with internal control standards implemented?**

First of all, the job descriptions of the academic and administrative staff working in all our units were made, and parameters such as how much time they allocate per day to fulfill these duties were determined.
In addition, new planning studies are being carried out for the upcoming period by determining the academic and administrative strengths and weaknesses of different units of our university.

2. Management of Resources

- **How and how effectively is human resources managed?**

Our university follows a process in which the scientific qualifications of the required personnel are determined by considering the demands of the units in terms of academic personnel needs and the announcement is made. Then, the candidates with the highest scientific qualifications are selected from the applicants and the appointments are made. As a result of the evaluation of the scientific performances (publications, projects, etc.) of the personnel recruited in this regard, it is seen that significant successes have been achieved.
When determining the need for human resources, our institution primarily looks for individuals who have the skills in the areas that the relevant units need. In order to achieve this, methods such as open appointment or transfer are used. All administrative personnel who apply to transfer to our institution are first subjected to a trial period of at least two weeks in the field they claim to be an expert in, and their ability to do so is investigated and a decision is made according to the results.

- **What kind of system is used to ensure that the education and qualifications of the personnel working in the units providing administrative and support services are compatible with the duties they undertake?**

In-service training, courses, seminars, lifelong support training (communication language, body language, public relations, basic computer use, trainer training, etc.) are organized for the personnel providing administrative and support services in our institution to acquire the skills required for their job and to develop these skills over time.

Our institution's Occupational Health and Safety Committee has been determined, and occupational health and safety training programs are routinely organized by experts to ensure the occupational safety of all our administrative and support personnel in the places where they work.

- **How and how effectively is financial resources managed?**

In our university, according to the Public Financial Management Law No. 5018, the budget is prepared for three years within the scope of "Special Budget Administrations" in Schedule II of the Central Government Budget.

All revenues and expenditures of our units are included in the budget, and the chief executive of each spending unit to which an appropriation is allocated in the budget is the spending authority. While implementing spending instructions in order to realize strategic plans at the highest level, spending authorities are responsible for the effective, economical and efficient use of appropriations in accordance with budget principles and fundamentals, laws, statutes and regulations and other legislation.

In the use of financial resources in our university budget, the needs within the scope of the budget, which is previously created in line with the demands of the units, are met according to the criteria of appropriateness, suitability and priority. For this reason, the required allocation is recorded as an allocation to the relevant unit and used by the responsible spending authority.

- **How and how effectively are movable and immovable resources managed?**

After determining the movable needs according to strategic planning, the existing movables are recorded and distributed effectively in accordance with the Movable Property Regulation. The new movables to be procured are determined according to the needs and the highest quality is procured at the most affordable price in accordance with the relevant articles of the Public Procurement Law No. 4734. The movables that have completed their economic life or have not completed their economic life but are no longer usable for the purposes they were purchased for due to technical and physical reasons or are deemed useless due to repairable or uneconomical malfunctions and are therefore taken out of service are sent to the relevant public or private sector institutions.

Regarding the immovable resources of our university, since approximately four of our faculties do not yet have their own service buildings, every year, in order to bring these buildings to our university, an effort is made to include an allocation in the budget by discussing with the relevant Ministry.

There are sufficient facilities within our campus area for academic and sports activities, and our work continues to build social facilities necessary for socio-cultural activities. These units are offered to all our students and employees, as well as to our society.

3. Information Management System

- **What kind of information management system is used to collect, analyze and report data on all activities and processes?**

There are different Information Management Systems actively used in our university for different types of activities and transactions.

- Student Information System: It is a software automation that manages all processes related to education (undergraduate, graduate and doctorate) and keeps all records securely.
- Electronic Document Management System: It is a software that ensures that all correspondence in our university is in an electronic environment and that stores these records securely. Our university is the first state university among all higher education institutions to fully adopt and start using this system.
- In addition, the Registered Electronic Mail address was obtained and EBYS integration was also realized.
- Personnel Information System: It is the system that keeps and stores all personnel, appointment, progress, etc. information about all our academic and administrative staff.
- Housing Allocation System: It is the system that automatically allocates housing by scoring according to the relevant legislation.
- Academic Information System: It is a system where our academic staff can enter all kinds of academic information such as publications, projects, courses, academic activities, etc. and share them over the web.

Event calendar: It is the system where all kinds of events and activities held at our university are announced and recorded for later.

Academic Survey System: It is a system where all our academic staff can prepare any type of survey they want and conduct it over the web for any period of time.

Institutional integrations with the relevant systems such as YÖKSİS and ASAL have been made and regular data transfer is carried out.

- **What topics (student demographic information, development and success rate, program satisfaction, etc.) does the information management system used cover regarding education and training activities?**

All information about students (personal, demographic, success rates, etc.) is available and can be reported in the OBS system used by our university to manage educational activities.

Various surveys and polls are conducted on the Academic Survey System regarding the satisfaction and demands of our students and other stakeholders.

- **What topics does it cover regarding R&D activities (the number and budget of the research staff, national/international external projects, the quantity and quality of their publications, patents, works of art, etc.)?**

Our Academic Information System records all information about our academic staff, including research and development, publications, projects, and patents, and shares them on the web. In addition, this information is published collectively in various reports prepared annually.

- **What topics does it cover for graduates (graduates' employment rates and sectoral distribution of employment, qualifications, etc.)?**

The development of the Alumni Tracking System continues.

- **How and how frequently is information collected regarding the institutional internal and external evaluation process?**

At the end of each year, institutional evaluation reports (Annual Work Report) are requested from Academic and Administrative units, these reports are discussed in authorized boards as university evaluation reports and forwarded to the relevant authorities.

In addition, our Faculty of Veterinary Medicine has EAEVE accreditation, the Faculty of Engineering has MÜDEK accreditation, and the Faculty of Science has FEDEK external evaluation processes. The Faculty of Medicine has received UTEAK temporary accreditation and is in the final stage for permanent accreditation.

- **How are the security, confidentiality (security of confidential data such as personal information and not sharing it with third parties) and reliability (being concrete and objective) of the collected data ensured?**

All of our systems open to web access are protected by security mechanisms such as firewalls and intrusion detection systems.

In addition, all systems containing personal information are protected by a highly secure CAS (Central Authentication System) login. Data sharing is only carried out by authorized persons and within legal processes.

4. Quality of Services Outsourced from the Organization

- **Have the criteria for the procurement process of administrative and/or support services received from outside the institution been determined?**

Administrative support is not received from outside the institution. However, support services are received under the name of general cleaning, maintenance and repair, and private security, and the criteria for the procurement process of these support services are determined by the relevant technical specifications.

- **How are the suitability, quality and continuity of these external services ensured?**

The suitability, quality and continuity of these services received from outside the institution are guaranteed by signed tender documents and contracts and are inspected by unit officials.

5. Effectiveness and Accountability of Management, Public Informing

- **Has the institution designed its quality assurance system and existing management and administrative system in a way that allows it to measure and monitor the leadership qualities and productivity of its managers?**

The corporate culture and management approach of our university, which has a 40-year history, is a great advantage in determining the right administrators, and current evaluation systems are also used to determine managers and measure their performance.

- **Is there a declared policy regarding the accountability of management and administration to the organization's employees and the general public?**

Our university prepares booklets and publications covering periodic evaluations and holds regular meetings with the press and publication organizations. In addition, all activities, events or announcements are regularly shared with the public through our web pages.

- **Does the institution, as required by its responsibility to society, share with the public up-to-date data on all of its activities, including education, training, research and development activities?**

Yes. Fırat University shares current data on all of its activities, including education-training, research-development activities, with the public through the institution's website, press, publications, etc., within the framework of the institution's fundamental values of Transparency, Social Responsibility Awareness and Stakeholder Satisfaction, and constantly updates this information.

- **How is the timeliness, accuracy and reliability of the information presented to the public ensured?**

to the public   , primarily

This is ensured by software that ensures the integration of correspondence and information flow between internal units, and the sufficient and secure IT infrastructure of our university is secured by comparing and verifying shared information with data from different units.

6. CONCLUSION AND EVALUATION

of Fırat University in terms of **Quality Assurance, Education-Training, Research-Development and Management System,** as well as opportunities and areas open to improvement are summarized below.

All the data obtained were evaluated by an expert commission and Fırat University's SWOT Analysis was obtained.

E.1 - Strengths

1. The quality of undergraduate and graduate education
2. Number of international publications
3. Qualification and number of academic staff
4. Strong in medical, veterinary and engineering fields
5. Accreditation of some faculties and departments
6. Strong infrastructure such as electronic library, internet etc.
7. Having a planned and growth-friendly campus
8. Adequacy and continuous development of physical spaces and social areas
9. The Research Hospital is a regional hospital
10. Being a peaceful and reliable university in the region

11. Having a deep-rooted history
12. Having Fırat TV and Fırat Radio
13. Having a Technopolis within the university

E.2 - Weaknesses

1. Inadequate promotion of scientific and academic studies
2. Perception of deficiencies in university public relations
3. Lack of popular sections that are the center of attraction
4. The inability to retain very successful academic staff at the university due to the location of the city
5. Deficiency in foreign language education and education through a foreign language
6. Lack of career-oriented activities
7. Inadequate relationships with alumni and other external stakeholders
8. Basic need for a research assistant
9. The need for security personnel and other intermediate personnel is at its peak due to the opening of new departments and campuses belonging to our university and the increasing security risks in our region.
10. Problems are experienced in our own income due to the inadequacy of the university hospital's revolving fund income at SUT prices.
11. There is an urgent need for a new library due to the inadequacy of the existing library due to the number of our students reaching approximately 41,000.
12. Inadequate university-industry cooperation due to the limited variety and number of industrial facilities in our city.

E.3 - Opportunities

1. The presence of an international airport in Elazığ
2. Elazığ province has sufficient historical, touristic and cultural heritage.
3. The number of people from Elazığ living outside the province and abroad and their continuing connection with the city
4. The wealth of underground and aboveground natural resources
5. Elazığ is a city that is suitable for student budgets.
6. Elazığ province is perceived as a peaceful province in terms of security throughout Türkiye.
7. Having a strong Technopolis infrastructure
8. The University and Technopolis have a joint Technology Transfer Office.

E.4 – Aspects Open to Improvement

1. University-industry collaboration
2. Commercialization of scientific knowledge
3. Productization of the results of university research
4. Increasing distance education programs and further expanding the system
5. Increasing awareness of the continuing education center
6. Strengthening the university's advertising, promotion and public information processes
7. Strengthening the processes of rewarding academic activities and achievements
8. Expanding accreditation processes and taking them to international levels