

EEU

**Scientific-research Activity development Strategy
2019-2025**

Approved by the order of the rector of the University on September 05, 2019

1. General provisions

Scientific research development strategy (Hereinafter - "**strategy**") is based on the East Europe mission of the University (hereinafter - "**University**"), main values and determine the scientific-research activities of the University.

The legal basis for **developing the strategy** is:

- ▶ Law of Georgia on higher education;
- ▶ Mission and strategic plan of East European University.

This strategy is aimed at East European University, the scientific research in the development of the main directions of determining the.

2. Strategy development methodology

In the process of forming a strategy development plan the university took into account the results of internal and external assessments of institutional effectiveness and quality, requirements for key national and international documents defining university activities and policies, also it has been explored an Experience of the world's leading universities to take into account the relevant international context. At the initial stage of developing a strategic plan for the development of scientific research there has been identified key strategic directions, which are based on the East Europe the University's mission, the core values and the University's scientific-research priorities;

SWOT analysis was carried out as a result of assessment of scientific potential of academic staff of the University .Development team of scientific research working on strategy in terms of communication with stakeholders has formulated key strategic priorities and objectives. Activities and key performance indicators/criteria were determined within the framework of the tasks.

Strategy for development of scientific research and relevant activities and deadlines of the action plan is determined by the directions of research taking into account human, material and financial resources and in compliance with the University's strategic development plan.

3. Mission of scientific-research activities



The mission of the East European University is **formation of** the university as a research-oriented institution, which conducts research relevant to scientific research priorities, provides development of research potential and integration of research results into educational process through encouraging, supporting and collaborating with partner organizations.

4. Our vision

East European University to be recognized internationally, as an integrated and research-oriented institution in the European educational space, for which:

- ▶ Encourages academic staff, including young researchers, new knowledge and high-quality scientific publications, the creation of, also supports the development of their research potential;
- ▶ Develops a culture of research ethics and promotes the implementation of fundamental, applied and interdisciplinary studies;
- ▶ Integrates research results into the educational process;
- ▶ Provides popularization of scientific-research activities and their involvement in students;
- ▶ Cooperates with international and local scientific-research institutions and to implement research projects with organizations;

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- ▶ Ensures the use of the results obtained by scientific research activities for the welfare of the society;
- ▶ Optimally and efficiently uses intellectual, financial and material resources for qualitative research.

5. The values that our research is based on:

- ▶ **Participation (Inclusion)** - our research is focused on social problems and takes into account their interests. We conduct research with the involvement of staff and students and active interaction with the society, Regardless of their ethnic, religious, social, and cultural diversity. For us „research subjects’ are Research Partners.
- ▶ **Equality** - our research activities are imbued with firm commitment to the principle of equality, thus, we will ensure full participation of participants (partners) in the research process and to maintain academic impartiality.
- ▶ **Innovation** - our research is focused on the creation and dissemination of new knowledge. By introducing scientific innovations we contribute to the socio-cultural progress of the society.
- ▶ **Academic freedom**-research is carried out by researchers who determine the goals and objectives of the study themselves. We express our strong commitment to the principle of academic freedom and respect for the main values, which is a companion of university life.
- ▶ **Benefits** - our research is focused on such results which will be useful to a wide community, including for university students, staff and help them develop sustainably.
- ▶ **Conscientiousness** - Our research is based on the unfettered adherence to the principles of good faith. We attach key importance to the implementation of university studies in compliance with ethical standards, Development and strengthening of fundamental principles of research ethics.
- ▶ **Cooperation**-our priority is to conduct research in close cooperation with local and international partners. In partnership with scientific research institutions and experienced researchers we are focused on creating outstanding quality scientific products.

6. SWOT Analysis

Research environment SWOT analysis has been drafted as based on assessments of scientific-research potential and scientific activities of East European University.

Strengths	Side to be improved
Experience in organizing international conferences	Number of students involved in scientific-research projects
Growing number of international partners	Index of internationalization of studies
Qualified academic/scientific staff	Low involvement of academic personnel in international research projects
Optimal ratio of affiliated and academic staff to students	Commercialization of studies
University scientific journal	EEU Journal awareness
Readiness of the university to support scientific-research activities	Index of use of International Scientific Library bases
Access to International Scientific Library bases	Number of publications and low citations in highly rated journals
Experienced administrative staff	Research infrastructure
Opportunities	Threats
Expansion of the network of cooperation in the field of scientific research	Deterioration of the country and international political / economic situation;
International exchange programs for academic personnel	Reputational risks caused by improperly done work
Professional development programs	Rapid changes in legislation, organizational

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	management and education standards,
Access to highly qualified international personnel	Financial risks
Grant programs supporting scientific-research activities	Unintended external factors are at high risk.
Development of doctoral educational programs	
Popularization of the results of scientific-research activities	
A system of incentives for young researchers	

7. Strategic priorities and structure of research development

Realization of mission and goals defined in the strategic plan of the University East European University where it is focused on the implementation of high quality studies in individual, disciplinary and interdisciplinary contexts. The university also aspires to protect the balance between fundamental and applying research and to conduct research in both directions for the benefit of society.

2019-2025 years of scientific-research activities, the development strategy is focused **on four strategic priorities**:

- **Research should be based on university scientific priorities**, is carried out at the fundamental and Applied Research in the direction of the individual as well as disciplinary and interdisciplinary research in the context of.
- **Attracting qualified scientific personnel**, maintain and integrate into the scientific community for the development and introduction of research culture, which in turn expands our research capabilities and research quality both locally and internationally.
- **Development of effective management system for research**, which is focused on is accountability, control, support an open and transparent mechanisms.
- **Development of research infrastructure includes equipping scientific-research centers/laboratories**, Library resources and development of international scientific electronic bases, providing modern technologies, etc. What suits our aspiration - to create the best environment for researchers.

Structure of the research plan

Tasks	Studies	Attracting qualified scientific personnel	Research into effective management system
1. Raising the quality of scientific research	☒		
2. Raising awareness of the University in local and international scientific circles and internationalization of research	☒	☒	
3. Development of skills for commercialization of research results			☒
4. Integrating scientific research into the learning process			☒
5. Increase the scientific potential of students	☒	☒	
6. Promoting interdisciplinary studies	☒		
7. Improvement of research potential/productivity assessment mechanisms of academic personnel			☒

8. Strategic objectives

To achieve the strategic goals of the scientific-research activities of the EastEuropean University in 2019-2025 the following tasks, activities and performance indicators were determined:

Task 1. Raising the quality of scientific research

Activity	Indicators
1.1. Promoting publication of research results in high-ranking scientific journals and / or international publications for Academic staff and young scientists	<ul style="list-style-type: none"> Number of persons involved in the mechanisms facilitating publication in a Highly rated scientific journals and / or international publications
1.2. Special contract for researchers with 60/40 mechanism;	<ul style="list-style-type: none"> • Contract form
1.3. Development of a mechanism for encouraging researchers and providing financial support for scientific activities	<ul style="list-style-type: none"> • Mechanisms to encourage researchers • Grant funding mechanisms • Amount of funds allocated for scientific activities
1.4. Conducting trainings and consultations to develop research skills of the personnel involved in research activities (Research methodology, use of international scientific bases, etc)	<ul style="list-style-type: none"> • Number of trainings • Number of consultations
1.5. Defining directions and priorities of university studies	<ul style="list-style-type: none"> • * Document of priorities for scientific research

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1.6. 1.6. Academic honesty and Culture support, plagiarism eliminate plagiate fighting the existing international experience in sharing.	<ul style="list-style-type: none">• * Improvement of anti-plagiarism mechanisms;• * Raise of awareness among young researchers about university ethics.
1.7. Development of plagiarism detection system	<ul style="list-style-type: none">• * Document reflecting the updated plagiarism detection system
1.8. Elaboration of research ethics norms and development of research ethics code	<ul style="list-style-type: none">• * Document reflecting the code of ethics of research
1.9. Creation of Research Ethics Committee	<ul style="list-style-type: none">• * Document reflecting the regulation of the research ethics committee
1.10. Creation of Doctoral Research Development Center	<ul style="list-style-type: none">• * Document reflecting the provision of the Center for development of doctoral studies
1.11. Publication and development of an annual international scientific journal based at the University	<ul style="list-style-type: none">• * Publication and development of an annual international scientific journal based at the University

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Task 2. Raising of awareness of the University in local and international scientific circles and internationalization of research

Activity	Indicators
2.1. Strengthening cooperation with foreign universities in scientific-research activities;	<ul style="list-style-type: none">* Cooperation Agreement, number of memorandums;* Number of joint studies
2.2. Popularization of the results of the research carried out at the University and actual scientific and practical issues	<ul style="list-style-type: none">* Number of conferences;* Number of workshops* Number of research papers posted on the website
2.3. Planning and implementation of joint scientific projects in the field of research with partner organizations	<ul style="list-style-type: none">* Number of joint scientific projects with partner organizations* Agreements on implementation of joint scientific projects with partner organizations
2.4. Promoting awareness of university-based journals;	<ul style="list-style-type: none">* Indexing in the journal ERIH PLUS
2.5. Organizing international conferences;	<ul style="list-style-type: none">* Number of conferences
2.6. 1.17. Improving the web platform dedicated to research at the university website. in which it will be placed as research centers, as well as faculty, the academic staff of the research project descriptions.	<ul style="list-style-type: none">* Number of activities posted on university website
2.7. Deepening cooperation with international and local scientific funds	<ul style="list-style-type: none">* Number of implemented grants

Task 3. Development of skills for commercialization of research results

Activity	Activity indicators
3.1. Development of a mechanism supporting applied research;	<ul style="list-style-type: none">Rule of Applied Research grant competition
3.2. Development of cooperation with various interested economic agents.	<ul style="list-style-type: none">Number of memorials;
3.3. Development of professional skills in the field of commercialization of research results	<ul style="list-style-type: none">* Number of trainings
3.4. Development of Support Centers for Applied Research	<ul style="list-style-type: none">* Number of improved centers

Task 4. Integrating scientific research into the learning process

Activities	Indicator
4.1. During the educational process regular updating of syllabuses for the use of their own research/publications by teachers	<ul style="list-style-type: none">* The number of syllabuses in which research results are used
4.2. Increase awareness of current state of knowledge and current research projects	<ul style="list-style-type: none">* Number of seminars / presentations
4.3. Integrating the latest findings of the research field into the curriculum	<ul style="list-style-type: none">* Updated curriculum (protocols)
4.4. Development of the mechanism of involvement of students in the research process	<ul style="list-style-type: none">* The mechanism of involvement of students in the research process* Number of students involved in the research process

Task 5. Increase the scientific potential of students

Activities	Indicator
5.1. Development of mechanisms for facilitating participation of students in local and international conferences	<ul style="list-style-type: none"> * Development of mechanisms for facilitating participation in local and international conferences of students * Number of students participating in local conferences; * Number of students participating in international conferences;
5.2. Creation and development of information-e-platform about Local and international scientific conferences, research publications, projects, programs, and scientific magazines about	<ul style="list-style-type: none"> * Information-electronic platform * Number of customers
5.3. Conducting trainings in order to improve the necessary skills for Students' scientific-research project, the research methods, for the preparation of work in the international scientific electronic bases	<ul style="list-style-type: none"> * Number of trainings * Increased consumption of international scientific electronic bases
5.4. Development of mechanisms for encouraging students in research grant competitions	<ul style="list-style-type: none"> * Research grant competition rule * Funded projects quantity quantity of Completed projects
5.5. Development and development of a mechanism for popularizing student papers	<ul style="list-style-type: none"> * The mechanism of popularization of student papers * Number of publications on the university website
5.6. Development of mechanisms for identifying and encouraging the best student papers/research projects	<ul style="list-style-type: none"> Mechanisms for identifying and encouraging the best student papers/research projects Number of awarded students
5.7. Encouraging group and interdisciplinary student research activities	<ul style="list-style-type: none"> Number of Group and interdisciplinary student scientific projects

Task 6. Promoting interdisciplinary studies

Activities	Indicator
6.1. Development of interdisciplinary studies	Number of planned and ongoing interdisciplinary studies carried out
6.2. Informational meetings with academic personnel for obtaining research interdisciplinary grants	<ul style="list-style-type: none"> * Number of meetings; * Implemented interdisciplinary research grants within the center
6.3. Cooperation with Georgian and foreign scientific-research institutes for conducting interdisciplinary research	<ul style="list-style-type: none"> Number of agreements with scientific-research institutions of Georgia and abroad Number of implemented projects

Task 7. Improvement of research potential/productivity assessment mechanisms of academic personnel

Activities	Indicator
7.1. Assessment of material and academic personnel resources existing in Scientific-research activities at the University;	• Annual report
7.2. Constant monitoring of researchers ' satisfaction to maintain motivation and enhance work efficiency	• Satisfaction research report
7.3. Development of evaluation and analysis system of the degree of research activity, scientific productivity of research units and academic personnel	• Document reflecting productivity assessment system of Quality of research activities, scientific-research units and scientific productivity of academic/scientific personnel
7.4. Assessment of scientific research potential	• Annual reports

8. Target benchmarks for scientific research (KPI)

In order to evaluate the results of implementation by scientific-research strategy the university has set target benchmarks for scientific research.

№	Indicators	Baseline highlights	Target benchmarks						
		2016-2019	2020	2021	2022	2023	2024	2025	2019-2025 ¹
1	Works published in local peer-reviewed, peer-reviewed scientific journals, Full collection of scientific conference reports (proceedings)	141	160	180	200	230	250	270	129
2	Works published in local peer-reviewed, peer-reviewed scientific journals, Full collection of scientific conference reports (proceedings)	138	163	178	193	208	223	238	100
3	Papers/works published in scientific journals,	59	69	79	89	99	109	119	60
4	Monograph	32	35	40	45	50	55	60	28
5	Guidelines	35	37	39	41	43	45	50	15
6	Translation	22	24	26	28	30	32	35	13
7	Invention patent	7	7	7	7	7	8	8	1
8	Participation in local scientific grant projects	48	51	53	56	59	62	65	17

¹ As compared to the base year, the number has increased.

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9	Participation in international scientific grant projects	53	55	57	59	61	62	64	11
10	Participation in international scientific conferences, seminars	168	178	188	198	208	218	220	52
11	Participation in local scientific conferences	107	117	130	140	150	160	170	63
12	Citation (g)	317	340-350	360-370	390-400	430-440	490-500	520-530	203-213
15	Citation (h)	103	108-110	120-125	130-135	140-145	150-155	160-165	57-62
18	Citation count	3761	4000	4100-4150	4300-4350	4450-4500	4650-4700	4800-4850	1039-1089

Action plan for 2019-2025 scientific-research activities of East European University

Task 1. Raising the quality of scientific research		Execution process	Years						
Activity			2019	2020	2021	2022	2023	2024	2025
1.1	Promotion of publication of research results in academic staff and young scientists highly respected scientific journals and/or international publications	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1.2	signing a special contract with 60/40 mechanism for researchers;	Is not performed						<input type="checkbox"/>	<input type="checkbox"/>
1.3	development of a mechanism for encouraging researchers and providing financial support for scientific activities	done		<input checked="" type="checkbox"/>					
1.4	conduct of trainings and consultations to develop research skills of the personnel involved in the research activities (Research methodology, use of international scientific bases, etc)	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.5	defining directions and priorities of university studies	done	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
1.6	support academic integrity and culture, elimination of plagiarism, sharing existing international experience in the fight against plagiarism.	done		<input checked="" type="checkbox"/>					
1.7	development of plagiarism detection system	done		<input checked="" type="checkbox"/>					
1.8	improvement of research ethics norms and development of research ethics code	done		<input checked="" type="checkbox"/>					
1.9	creation of Research Ethics Committee	done		<input checked="" type="checkbox"/>					
1.10	creation of the Center for the development of doctoral studies	done		<input checked="" type="checkbox"/>					
1.11	1.11 publication and development of an annual international scientific journal based at the university	done	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>				

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Task 2. Raising awareness of the University in local and international scientific circles and internationalization of research	process of performance	Years						
Activity		2019	2020	2021	2022	2023	2024	2025
2.1 strengthening cooperation with foreign universities in scientific-research activities;	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.2 popularization of the results of the research carried out at the University and actual scientific and practical issues	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.3 planning and implementation of joint scientific projects in the field of research with partner organizations	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.4 promoting awareness of university-based journals;	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.5 Organization of international conferences;	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.6 improving the web platform dedicated to research on the University's website. In which it will be placed as research centers, as well as faculty, the academic staff of the research project of the descriptions.	done	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.7 deepening cooperation with international and local scientific funds	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

task 3. Development of skills for commercialization of research results	Process of performance	Years						
Activity		2019	2020	2021	2022	2023	2024	2025
3.1. development of a mechanism supporting applied research;	Is in the process of Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.2. development of cooperation with various interested economic agents.	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.3. conducting trainings for developing professional skills in the field of commercialization of research / results	Is in the process of Performance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.4. development of Support Centers for Applied Research	Is in the process of Performance	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

task 4. Integrating scientific research into the learning process	Process of performance	Years						
Activity		2019	2020	2021	2022	2023	2024	2025
4.1. Regular updating of syllabuses for the purpose of using your own research / publications during the teaching process by teachers	Is in the process of Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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4.2. increase awareness of current state of knowledge and current research projects	Is in the process of Performance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.3. integrating the latest findings of the research field into the curriculum	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
4.4. development of the mechanism of involvement of students in the research process	done	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

task 5. Increase the scientific potential of students	Process of performance	Years							
Activity		2019	2020	2021	2022	2023	2024	2025	
5.1 development of mechanisms for facilitating participation in local and international conferences of students	done	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
5.2 Creation and development of information-e-platform about local and international scientific conferences, research publications, projects, programs, and scientific magazines about.	Is in the process of Performance		<input checked="" type="checkbox"/>	<input type="checkbox"/>					
5.3 Conducting trainings in order to improve the necessary skills for students ' scientific-research project, the research methods of using , for the preparation of the international scientific electronic bases in work	Is in the process of Performance		<input checked="" type="checkbox"/>	<input type="checkbox"/>					
5.4 development of mechanisms for encouraging students in research grant competitions	done	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
5.5 development and promotion of student papers/works	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
5.6 5.6 development of mechanisms for identifying and encouraging the best student papers/research projects	Is not performed		<input type="checkbox"/>	<input type="checkbox"/>					
5.7 5.7 encourage group and interdisciplinary student research activities	Is in the process of Performance		<input checked="" type="checkbox"/>	<input type="checkbox"/>					

task 6. Promoting interdisciplinary studies	Process of performance	Years							
Activity		2019	2020	2021	2022	2023	2024	2025	
6.1 development of interdisciplinary studies	Is in the process of Performance		<input checked="" type="checkbox"/>	<input type="checkbox"/>					
6.2 informational meetings with academic personnel for obtaining research interdisciplinary grants	Is in the process of Performance		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
6.3 cooperation with Georgian and foreign scientific-research institutions for conducting interdisciplinary research	Is in the process of Performance		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

task 7. Improvement of research potential/productivity assessment mechanisms of academic personnel	Process of	Years							
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Activity	performance	2019	2020	2021	2022	2023	2024	2025
7.1 assessment of resources of material and academic personnel of the University in the field of scientific-research activities;	done	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
7.2 constant monitoring of the satisfaction of researchers to maintain motivation and enhance work efficiency	done		<input checked="" type="checkbox"/>					
7.3 research activities of quality, scientific-research units and academic staff of scientific productivity, the evaluation and analysis of the system development	Is in the process of Performance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
7.4 assessment of scientific-research potential	done	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					