

APPROVED

AT ISEC NAS RA Scientific Council Meeting N 136

ISEC NAS RA Director

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REPUBLIC OF ARMENIA
NATIONAL ACADEMY OF SCIENCES
INTERNATIONAL SCIENTIFIC-EDUCATIONAL CENTER



RESEARCH STRATEGY

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International Scientific and Educational Centre of the National Academy of Sciences of the Republic of Armenia (hereinafter ISEC NAS RA) has adopted a clear practice of short, medium and long-term planning, emphasizing the main priorities, expectations and stages of the vision to have a fully-fledged research educational institution status, (Research University) in the future.

The Center's Professional Faculty is composed of renowned specialists in various fields of basic research who conduct theoretical and applied research in the fields of information technology, economics, natural sciences, humanities and social sciences.

The Centre emphasizes the scientific nature of teaching and the research component's dominance, based on the significant fact that ISEC departments are located in research institutes and scientific organizations of NAS RA.

This significant factor enables the Centre's Master's degree and postgraduate students to find professional academic intervention during their studies, work with world-renowned scientists in educational programmes and research works, and use the necessary material-technical base of NAS to use the available tools.

THE MAIN OBJECTIVES OF THE RESEARCH STRATEGY ARE

- to expand and develop the Centre's scientific-educational research activities, open new departments at NAS scientific organizations,
- to bring ISEC into full compliance with research universities' standards mindful of the world's best research university activities,
- to form a competitive research-innovation potential, contributing to the scientific output of production,
- to enhance international research cooperation,
- to provide a bridge between education, science and research,
- to continue addressing ISEC graduates' employment problems, contributing to the rejuvenation of NAS organizations,
- to continue ongoing education quality assurance and control and to provide feedback to stakeholders.

EXPECTATIONS

- Increasing the efficiency of research Activities at the Centre.
- Training and retraining of high-level scientific staff.
- Transfer of intellectual activity and best educational practice.
- Development of science and research following international standards.
- Integration of competitive research and innovative potential, commercialization of research products, education-research bridge provision.
- A significant increase in the efficiency of applied research.
- Reforms in ISEC postgraduate studies of the State Committee on Education as the third level of higher education in line with international standards and requirements of the National Qualifications Framework (NQF).

STAGES

1.Promoting Master's Students' Scientific and Research Activities

- to create necessary conditions for Master's students to use various research and information databases to acquire their knowledge,
- to continue focusing on the research component of the Master's degree programs,
- to develop Master's research skills,
- to increase the efficiency of research practice and research activities according to the demands of the time,
- To increase the involvement of leading practitioners and scientific researchers in the Master's degree program to provide an applied focus for Master's research,
- to commercialize survey results by expanding relations with employers in this area,
- to encourage Master's students and lecturers' academic mobility, membership in international research-oriented programmes, implementation of double-degree educational-research programs,
- to analyse the key problems in public administration's sphere in realising Master's theses, indicating ways of solving scientifically,
- to search for funding sources for inter-university research programmes, joint research, use of the possibilities of grant programmes with Master's students' involvement.

2.Research Capacity Strengthening

- Clarification of priority scientific directions and inventory considering the potential of ISEC's scientific departments, lecturers' scientific interests, and the external environment's

requirements.

- Moral and material encouragement of professional faculty's research activities in the rating assessment process of ISEC lecturers considering their scientific activities and output.
- Provision of a key personnel base for the RA's public administration field and take place in the scientific-educational sphere of the Academy.
- Maximum involvement of the professional faculty in research and consulting activities as a key factor in the quality of teaching and professional development
- Activation and strengthening the Professional Faculty's, postgraduate and Master's students' participation in ISEC international research programmes.
- Introduction of effective mechanisms to ensure the high quality of published works in the scientific-publishing activities of ISEC.
- Introduction of mechanisms to attract young scientists, their socio-economic encouragement and increase the attractiveness of the researcher's professional progress.
- Improvement of ISEC's Departments' quality of scientific activities. Modernization of scientific topics through the development of inter-university and interregional cooperation.
- Creation of an environment that facilitates the research process stimulates the faculty and students' creative learning and research initiatives by applying the principles of coordinated research planning and teaching activities and rational resource allocation.

3.Միջազգային գիտահետազոտական համագործակցություն

International Research Cooperation

- To expand ISEC's international-scientific research cooperation to integrate ISEC into the European Research Area (ERA) in close collaboration with NAS RA scientific organizations.
- To ensure ISEC's integration into the European research area (ERA) to enhance international scientific-research programme cooperation and closer cooperation with NAS RA scientific organizations.
- To initiate joint projects with leading foreign universities and scientific centres through bilateral treaties and international networks participation.
- To support the process of scientific activity, experience exchange and training of PhD students and ISEC's professional faculty in leading foreign universities and research centers.
- To encourage article publication in high-ranking scientific journals and participate in

international conferences.

- To organize international conferences, seminars and round tables periodically.

4.Improvement of ISEC's Postgraduate Studies

- To Improve and modernize ISEC's PhD programmes to graduate with the relevant skills and abilities in accordance with the latest research and educational technologies following the modern labour market.
- To promote the academic mobility of postgraduate students in the European Higher Education Area(ERA).