



UNIVERSITATEA DE VEST
"VASILE GOLDIȘ"
din ARAD

ROMÂNIA
MINISTERUL EDUCAȚIEI
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OPERATIONAL PLAN

On Increasing the Performance of the Scientific Research Activity for the Academic Year of 2020-2021

I. STRATEGIC OBJECTIVES

- 1. Generating knowledge**, respectively obtaining some top scientific and technological results, competitive at national and international levels, aiming to increase the University international visibility and the results transfer in the economy and society.
- 2. Increasing the performance** by obtaining some results of excellence, reflected in the increase in the number of papers published in ISI/ BDI – indexed journals and in the number of patents.
- 3. Developing the human resources** by: the increase of the number of researchers, in the same time with the reduction of the researchers' average age below 40 years old, providing for doctoral scholarship, increasing the attractiveness of the career in research, drawing in experienced researchers, young post-graduates and PhD candidates.
- 4. Bringing about the private system** in the research by: carrying on projects in partnership with RDI companies for drawing in European funds, public-private entrepreneurial contracts.
- 5. Increasing the institutional capacity** by drawing in funds for the development of the research infrastructure.
- 6. Extending the international cooperation** in programs and projects; attaching the University, the Institute and the Research Centers into national and international research networks.
- 7. Digitalization of research** regarding the research infrastructure and databases of outcomes

II. SPECIFIC OBJECTIVES

OBJECTIVE 1: ANNUAL EVALUATION OF THE RESULTS ACHIEVED BY EACH VGWU TEACHING STAFF MEMBER AND RESEARCHER IN THE FIELD OF RESEARCH AND RIGOROUS COMPLIANCE WITH THE SCIENTIFIC CRITERIA FOR PROMOTION

Proposed activities for achieving the objective:

- Evaluation of the individual activity for the academic year of 2019-2020 based on the self-evaluation sheets and on the evaluation grid approved by the Senate

Quantifying the objective:

- Scoring allowed for Research/teaching staff member for the academic year of 2019-2020 in order to relate it to the monthly payment, depending on the grid.

Responsible: *Vice-rector responsible with scientific research and doctoral studies;*

Deadline: October 1, 2020

OBJECTIVE 2: ANALYZE OF THE RESEARCH ACTIVITY IN THE DEPARTMENTS OF THE FACULTIES

Proposed activities for the achievement of the objective:

- re-analyzing the directions for research, the research teams and the associated responsibilities and issuing a new annual plan for research

Responsible: *Vice-rector responsible with scientific research and doctoral studies; Department responsible, Deans*

Deadline: December 2020

OBJECTIVE 3: INTENSIFYING THE ACTIVITY OF THE OFFICE OF SCIENTOMETRICS

Proposed activities for the achievement of the objective:

- Training within the faculties on the use of the online databases with bibliographic resources on fields of science (online databases)
- Individual counseling of the teaching staff on publishing in ISI or BDI journals
- Scientometric assessment of the competition files in order to promote the teaching staff

Responsible: *Vice-rector responsible with scientific research and doctoral studies; Office of Scientometrics*

Deadline: permanent

OBJECTIVE 4: STRENGTHENING OF THE INSTITUTE FOR LIFE SCIENCES

Proposed activities for achieving the objective:

- Accessing European funding for development of the research infrastructure;
- Supplementing the researchers' team with young researchers, postgraduates and PhD candidates, employed on defined term from the budget of the funded projects;
- Investments in research equipment from the nationally and internationally funded projects;
- Establishing new national and international partnerships;
- Increasing the results of the research (publications, patents, books published at national and foreign prestigious publishing houses)

Responsible: *Director of the Institute of Life Sciences; Vice-rector responsible with scientific research and doctoral studies, scientific secretary of the Institute for Life Sciences*

Deadline: permanent

OBJECTIVE 5: STRENGTHENING THE RESEARCH CENTERS AT THE UNIVERSITY LEVEL

Proposed activities for achieving the objective:

- Reorganizing the Research Centers and proposing for new activities – conferences, courses, schools of advanced studies;

Responsible: *Vice-rector responsible with scientific research and doctoral studies; Directors/Responsible persons for the Research Centers; Legal Department*

Deadline: December 2020

OBJECTIVE 6: UPDATE OF THE RESEARCH SECTION OF THE WEBSITE www.uvvg.ro

Proposed activities for achieving the objective:

- Permanent update of the *Research* page on the www.uvvg.ro

Quantifying the objective:

- Website update;

Responsible: *Vice-rector responsible with scientific research and doctoral studies; Deans/ Departments responsible persons; scientific secretary of the Institute for Life Sciences*

Deadline: Permanent

OBJECTIVE 7: MANAGEMENT OF THE DATA ON SCIENTIFIC RESEARCH AT INSTITUTIONAL LEVEL

Proposed activities for achieving the objective:

- Centralizing the projects and the scientific production at VGWU level

Quantifying the objective:

- Permanent update of the databases at individual level;
- Issuing the Semester/Annual Report on Scientific Research

Responsible: - *Vice-rector responsible with scientific research and doctoral studies; the Projects Office; the Office of Scientometrics*

Deadline: Permanent

OBJECTIVE 8: DEVELOPMENT OF THE HUMAN RESOURCES INVOLVED INTO SCIENTIFIC RESEARCH. DEVELOPMENT OF THE PhD SUPERVISION IN NEW AREAS BY OBTAINING THE CERTIFICATION FOR SCIENTIFIC PhD SUPERVISOR FOR THE PROFESSORS WITH ACKNOWLEDGE ACTIVITY

Proposed activities for achieving the objective:

- Inclusion in the research teams of young teaching staff members, Master students
- Attracting trained young researchers (with at least 3 years of experience) and postgraduates in the research teams from the drawn in funding sources
- Including the PhD candidates in existing research topics, which are funded in some projects
- Acquiring the Habilitation Certificate for a larger number of VGWU teaching staff members and researchers

Responsible: *Departments responsible persons, Deans, Directors of the Doctoral Schools*

Deadline: permanent

OBJECTIVE 9: QUANTITATIVE AND QUALITATIVE AMPLIFICATION OF THE PARTICIPATION IN COMPETITIONS OF PROJECTS FINANCED AT NATIONAL LEVEL

Proposed activities for achieving the objective:

- Issuing/submitting research projects funded from the NPRDI III;
- Participation in competitions of projects funded from structural funds;

Quantifying the objective:

- Number of submitted projects;
- Number of won projects;

Responsible: - *Vice-rector responsible with scientific research and doctoral studies; Deans; Departments responsible persons; Projects Office*

Deadline: Permanent

OBJECTIVE 10: QUALITATIVE AND QUANTITATIVE AMPLIFICATION OF THE PARTICIPATION IN THE COMPETITIONS OF THE PROJECTS FINANCED AT INTERNATIONAL LEVEL

Proposed activities for achieving the objective:

- Issuing/submitting projects in international competitions;

Quantifying the objective:

- Number of submitted projects;
- Number of awarded projects;

Responsible: - *Vice-rector responsible with scientific research and doctoral studies; Deans; Departments responsible persons*

Deadline: Permanent

OBJECTIVE 11: OPTIMIZING THE MANAGEMENT OF ALL RESEARCH AGREEMENTS OF THE UNIVERSITY

Proposed activities for achieving the objective:

- Adoption of optimal measures for proper management of the research agreements;
- Evaluation of the activity of agreements management
- Evaluation of the risk degree of the implemented projects

Quantifying the objective:

- Number of monitored projects;
- Report to the University management;

Responsible: *Vice-rector responsible with scientific research and doctoral studies; Projects Office;*

Deadline: Permanent

OBJECTIVE 12: INCREASE OF THE NUMBER OF SCIENTIFIC EVENTS ORGANISED BY THE UNIVERSITY

Proposed activities for achieving the objective:

- Organizing a conference of dissemination in each of the international projects;
- Co-organizing the summer schools with RD institutions from abroad;
- Drawing in funds for organization of the scientific events;

Quantifying the objective:

- Number of international conferences

Responsible: - *Vice-rector responsible with scientific research and doctoral studies; Projects Directors/ Responsible persons; Deans; Departments responsible persons;*

Deadline: Permanent

OBJECTIVE 13: THE INCREASE OF THE NUMBER OF ISI AND BDI PUBLICATIONS OF THE UNIVERSITY

Proposed activities for achieving the objective:

- Stimulating the activity of publication; help desk from Scientometric office;
- one paper published/ year in ISI quoted journals per teaching staff's member;
- one paper published per year in BDI journals per each tenured or associated teaching staff's member;
- a scientific book published per year for 4 scientific staff's members (the courses are not considered as they are professional requirement);
- Associated teaching staff – double affiliation for at least one scientific paper/ year

Quantifying the objective:

- Number of awarded papers;
- Position description sheet;

Responsible: Statute of the associated teaching staff member – (double affiliation of at least one scientific paper/ year); *Legal Office, Human Resources Division*

Deadline: Permanent

OBJECTIVE 14: RAISING THE QUALITY LEVEL OF THE UNIVERSITY JOURNALS

Proposed activities for achieving the objective:

- supporting the VGWU published journal for the indexing in new international databases, ISI in particular
- quoting the university journals in the teaching staff's ISI published papers;
- the increase of the number of foreign authors for the papers published in the University journals;
- extending the foreign publications exchange of the university;

Quantifying the objective:

- Number of ISI quoted journals
- Number of BDI and B+ indexed journal (field of humanities)

Responsible: - *Vice-rector responsible with scientific research and doctoral studies; Editors-in-Chief of the University Journals*

Deadline: Permanent

OBJECTIVE 15: SUPPORTING THE PhD CANDIDATES AND THE POSTGRADUATES IN PERFORMING STAGES IN THE COUNTRY AND ABROAD

Proposed activities for achieving the objective:

- Cooperation between national and foreign universities;
- Monitoring the PhD candidates' activity with foreign mobility;

Quantifying the objective:

- Number of PhD candidates and postgraduates mobility activities

Responsible: - *Vice-rector, Doctoral Schools Directors, PhD supervisors, Tutors and mentors for the postgraduates*

Deadline: Permanent

OBJECTIVE 16: STIMULATION OF THE STUDENTS' SCIENTIFIC RESEARCH ACTIVITY

Proposed activities for achieving the objective:

- Creating a program for encouragement and development of the students' scientific research;

- developing of sessions for scientific research activities for students;

Quantifying the objective:

- Designing of the program
- Sessions at the level of the level of each faculty/ branch;

Responsible: *President of the Students' Consultative Council;*

Deadline: Permanent

OBJECTIVE 17: DIGITALISATION OF RESEARCH

Proposed activities for achieving the objective:

- Databases of research results (articles, books, patents, others)
- Digitalisation of research infrastructure

Responsible: *Vice-rector, Directors of Research Centers*

Deadline: permanent