Enhancement of internal quality assurance of education in teaching, learning and assessment in HEIs of Azerbaijan and Russia /IQAinAR

Work Package 2 - Development

TASKS 2.2 & 2.3 - Develop a theoretical model of IQAS, which will be measured by the list of indicators outlined as a result of the work done in WP1.

Act. 2: Development of each indicator. Define and develop the rest of the indicators assigned to each working group

WORKING GROUP 2 - composition: 1 EUROPEAN PARTNER + 2 NON- EUROPEAN PARTNERS (2 AZ partners)

P1, P10, P12

IQA DOMAIN 2: ASSESSMENTS (6 INDICATORS)

2.1. Performance indicators:

2.1.1. Rules/guidelines

2.2. Perceptual indicators: 2.2.1. Quality of assessments

2.1.2. Administrative efficiency 2.1.3. Meeting the learning objectives

- 2.1.4. Assessment methods
- 2.1.5. Quality control mechanisms

| RESEARCH AND | |
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| | |

3.1. Performance indicators:

- 3.1.1. Strategic framework3.1.2. Strategic research target3.1.3. PhD trajectory

- 3.1.4. Research quality maintenance
 3.1.5. Ethical decision-making
 3.1.6. Research facilities: open science, labs, etc.
 3.1.7. Social impact of research

- 3.2. Perceptual indicators:
- 3.2.1. Quality of research facilities

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance Sustem is many used are evaluated.

| | INDICATOR SHEET |
|--|--|
| | ool for identifying the important factors for documenting and calculating an indicator. |
| INDICATOR: Enter the name | of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 2.1.1. Rules/guidelines |
| | |
| | ines the indicator. For example: Number of guest speakers at the course Rules and guidelines are made available for all staff and faculty. The way these guidelines are published, made |
| P1 | available and all procedures transparent to staff and faculty. |
| P2 | Rules/Guidelines |
| P7 P10 | Availability of developed internal documents regulating quality control procedures Internal normative documents |
| OBJECTIVE | |
| OBJECTIVE | |
| - 4 | Administrative and Operations Guide (rules and guidelines for staff and faculty in one document). No numerical |
| P1 | calculation is necessary, the document is updated at the beginning of every academic year. |
| P2 | The objective of this indicator is to understand, whether aspects regarding student assessment have been documented in binding regulations. |
| P7 | The purpose of this indicator is to check the availability of developed documents regulating quality control |
| P10 | procedures that meet external and internal quality standards. Identifying execution mechanisms of rules. Ensuring teachers and students have access to instructions. |
| 10 | |
| RESPONSIB | LE AGENT sponsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| Section | |
| P1 | Human Resources Department, Education Department (Education Operations) |
| P2 | Exams Office |
| P7 P10 | Division of Quality Quality Assurance Department and Department of Education |
| - 10 | |
| | |
| ndicate the area | a of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 2: ASSESSMENTS |
| | |
| INDICATOR | METRIC : indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's |
| teaching propos | al |
| P1 P2 | Yes/No Yes/No: Presence of clear instructions for assessment |
| - 97 | Yes/No:availability of regulatory documents |
| P10 | Yes/No: Presence of regulatory documents |
| SCALE OF A | |
| | CHIEVEMENT OF THE INDICATOR (BENCHMARK) |
| Provide an estin | nated value/range in order to check for deviations from the result obtained. |
| Provide an estin For example: in. | nated value/range in order to check for deviations from the result obtained. 1 (one) guest speaker/course |
| Provide an estin For example: in. P1 | nated value/range in order to check for deviations from the result obtained. |
| Provide an estin For example: in. P1 P2 P7 | nated value/range in order to check for deviations from the result obtained. 1 (one) guest speaker/course Presence of guiding documents and their completeness and transparent nature are checked An Educational Guide regulation regarding student assessment do exist Regulatory documents have been developed |
| Provide an estin For example: in. P1 P2 P7 | nated value/range in order to check for deviations from the result obtained. 1 (one) guest speaker/course Presence of guiding documents and their completeness and transparent nature are checked An Educational Guide regulation regarding student assessment do exist |
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| | INDICATOR SHEET |
|--------------|--|
| This sheet | s a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICAT | DR: |
| Enter the n | ame of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 2.1.2. Administrative efficiency |
| | |
| IQA INDI | |
| This section | defines the indicator. For example: Number of guest speakers at the course |
| P1 | Clear instructions/structure made available in a transparent way, guides, SOPs, working with deadlines, etc. (Quality System Handbook -PDCA checks, Administrative Guide, etc.) |
| P2 | Administrative Efficiency |
| P7 P10 | Quality System handbook |
| FIU | Quality System handbook |
| OBJECT | VE |
| speakers in | e fundamental purposes for which its calculation is intended. For example:The objective of this indicator is to know the number of guest the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience nts as it allows them to acquire competencies and contents specific to these teaching profiles. |
| P1 | Check how the current system of administration works and improve where needed. |
| P2 | The objective of this indicator is to understand, whether the Administration of student assessments is efficient |
| P7 | The purpose of this indicator is to check the availability of methodological documents regulating the procedures for quality assessment and feedback |
| P10 | Number of administrative staff of the faculty. Students' and teachers' feedback on the work fulfilled by admin.staff |
| | |
| | SIBLE AGENT |
| Section | se responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professor |
| P1 | Adminstration of different departments: education admin, examination admin, etc. |
| P2 | Exams Office |
| P7 | Division of Quality |
| P10 | Quality Assurance Department |
| | |
| IQA DOM | AIN |
| Indicate the | area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| | IQA DOMAIN 2: ASSESSMENTS |
| | |
| | DR METRIC |
| Indicate ho | v the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program |

n's teaching proposal

- **P1** Structure presented in a guide.
- P2 Presence of clear procedures around assessments & feedback for students and staff
- **P**7 Yes/No: availability of methodological documents
- The ratio of the number of faculty's administrative staff to the number of students; The ratio of the number of faculty's administrative staff to the number of teachers; Number of trainings conducted for the administrative staff; P10 Satisfaction surveys completed by university students to evaluate the performance of administrative staff; Satisfaction surveys completed by university teachers to evaluate the performance of administrative staff

SCALE OF ACHIEVEMENT OF THE INDICATOR (BENCHMARK)

Provide an estimated value/range in order to check for deviations from the result obtained.

| For example: in. | 1 | (one) | auest | speaker/course |
|------------------|---|-------|-------|----------------|

P1 No value range.

- P2 An Administrational Guide
- **P**7 Methodological documents have been developed

The ratio of the number of faculty's administrative staff to the number of students - 5%; The ratio of the number of faculty's administrative staff to the number of teachers - 33%; Number of trainings conducted for the administrative staff - 60%; Satisfaction surveys completed by university students to evaluate the performance of administrative P10 staff - 4%; Satisfaction surveys completed by university teachers to evaluate the performance of administrative staff - 4%

SOURCE OF DATA

Indicate the source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the application of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary.

For example: Database of teachers by program.

*Describe in detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic examples of the specific sources used in the Partner Institution developing the indicator, if available.

- P1 Showcased documents.
- P2 Collection of HEI internal and/ or external regulations Database of internal methodological documents of the University
- **P**7
- P10 Quality Assurance Department

PERIODICITY

| Frequency wit | h which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October. |
|---------------|--|
| P1 | Each academic year these guides/structures should be evaluated and re-evaluated. |
| P2 | Just once; in case there is no such regulation, check again after a period to be defined by HEI |
| P7 | Annually |
| P10 | Annualy |
| | |
| ANALYSIS | OF THE RESULTS OBTAINED |

ANALYSIS OF THE RESULTS OBTAINE

- **P1** Check against previous year and improvements.
- P2 As this is a simple yes/no indicator, no further analysis is needed
- **P**7 As this is a simple yes/no indicator, no further analysis is needed
- P10 No further analysis is needed

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated

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| INDICAT | OR: |
| Enter the n | name of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 2.1.3. Meeting the learning objectives |
| | ICATOR |
| This sectio | n defines the indicator. For example: Number of guest speakers at the course |
| P1 | Learning goals and objectives have to defined per programme |
| P2 | Meeting the Learning Objectives |
| P7 | |
| P10 | Bachelor and master graduates who have succeeded in the Competition for the Recruitment of teachers, employed graduates |
| OBJECT | IVE |
| Describe tl speakers ii | he fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest n the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience lents as it allows them to acquire competencies and contents specific to these teaching profiles. |
| P1 | To be able to assess whether students have gained the knowledge during their studies, that was intended by the programme. |
| P2 | The objective of this indicator is to understand, whether the learning objectives have been reached by students, both individually and regarding the student cohort |
| P7 | Knowledge of the degree of achievement of the goals and final results of the educational program allows you to make timely adjustments to the educational process to ensure a high level of education quality |
| P10 | Number of bachelor and master graduates who have succeeded in the Competition for the Recruitment of teachers, number of employed graduates |
| | |
| | ISIBLE AGENT |
| Section | ose responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| P1 | Assurance of Learning Manager, Education Department |
| P2 | Exams Office |
| P7 | Division of Quality |
| P10 | Quality Assurance Department |
| | AAIN |
| | e area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| indicate th | IQA DOMAIN 2: ASSESSMENTS |
| | |
| INDICAT | OR METRIC |
| | w the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's |
| | Calculation depends on the set learning goals and objectives. The school has to formulate its own targets and |
| P1 | assess whether they are achieving those targets. |
| | a) Have learning outcomes been defined? Yes/No |
| DO | b) Can the form of exam defined for the learning unit (module or other) plausibly be shown to test the predefined |
| P2 | learning outcomes? Yes/No c) If answer to a) and b) is vest grading of exam results should be analysed, grading distribution should follow a |

- c) If answer to a) and b) is yes: grading of exam results should be analysed, grading distribution should follow a normal distribution (bell curve), and/ or should be comparable to other student cohorts.
- The number of goals achieved (fulfilled) / the total number of goals set for the educational program **P7**
- The ratio of the number of bachelor graduates who took part the Competition for the Recruitment of Teachers (CRT) to the total number of bachelor graduates (‰), the ratio of the number of master graduates who took part the CRT to the total number of master graduates (‰), the ratio of the number of employed graduates to the number of P10

SCALE OF ACHIEVEMENT OF THE INDICATOR (BENCHMARK)

Provide an estimated value/range in order to check for deviations from the result obtained.

For example: in. 1 (one) guest speaker/course

total graduates (%)

- E.g. On bachelor level, 30 students assessed on presentation skills at the oral defence of their graduation **P1**
- assignment, 60% of these students have met criteria which is above/under the set target of the programme.
- P2 An Assurance of learning process
- **P**7 Training Division
- The ratio of the number of bachelor graduates who took part the Competition for the Recruitment of Teachers (CRT) to the total number of bachelor graduates (60%), the ratio of the number of master graduates who took part P10 the CRT to the total number of master graduates (60%), the ratio of the number of employed graduates to the number of total graduates (70%)

SOURCE OF DATA

Indicate the source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the application of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary.

For example: Database of teachers by program.

*Describe in detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic examples of the specific sources used in the Partner Institution developing the indicator, if available.

- P1 The school has to conduct measurements to assess intended learning goals and objectives.
- Course / module descriptions P2
- Exams results database
- **P**7 Database on the results of the state final certification
- P10 Alumni Affairs Office

PERIODICITY

Frequency with which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October

- Each school can create their own measurement cycles, depends on the programmes and the set learning goals **P1** and objectives. A measurment cycle can be continuous, or consolidated in a given academic year and then
- repeated after an analysis cycle.
- P2 annually
- P7 annually
- P10 once per year

ANALYSIS OF THE RESULTS OBTAINED

- Analysis cycle following the measurment cycle can stay continuous, or consolidated in an academic year after a **P1** measurment cycle year. The results are checked against the set targets. Analysis consists of three different parts, to be one by different agents:

| P2 | a) Check whether learning outcomes have been defined: Exams Office b) Check alignment of learning outcomes and form of exam: (external) Academics c) Check distribution of grades of a given exam in a student cohort and/ or between cohorts: Exams Office |
|-----|---|
| P7 | The analysis consists in checking whether the goals and final results of learning the educational program were achieved |
| P10 | The analysis is checked by responsible person |

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated.

| | System is measured or evaluated. |
|-------------------------|---|
| | INDICATOR SHEET |
| | s a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICATO | |
| Enter the na | ame of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 2.1.4. Assessment methods |
| | ATOP |
| | a defines the indicator. For example: Number of guest speakers at the course |
| P1 | The variety and novelty of the assessment methods used. |
| P2 | Assessment Methods |
| | Availability of funds of evaluation materials to control the level of formation of students' competences in educational |
| P7 | programs |
| P10 | Assessment methods indicated in the syllabuses |
| | |
| OBJECTI | VE e fundamental purposes for which its calculation is intended. For example:The objective of this indicator is to know the number of guest |
| speakers in | e fundamental purposes for which its calculation is interfaded. For example, the objective of this indicator is to know the number of guest the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience nts as it allows them to acquire competencies and contents specific to these teaching profiles. |
| P1 | That students are assessed on different levels of their cognitive skills and can demonstrate gained knowledge and skills. |
| P2 | The objective of this indicator is to test whether there is an alignment between predefined learning outcomes and the form of exams used to assess student learning. |
| P7 | The purpose of this indicator is to check the availability of funds for assessment materials to control the level of formation of students' competencies. |
| P10 | Number of assesment methods |
| | |
| | SIBLE AGENT |
| Indicate tho Section | se responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| P1 | Education Board, Education Department |
| P2 | Faculty, if done via programme accreditation: internal quality assurance unit |
| P7 | Training Division |
| P10 | Quality Assuarance Department |
| IQA DOM | A1N |
| | area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| | IQA DOMAIN 2: ASSESSMENTS |
| | |
| INDICATO | DR METRIC |
| | w the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's |
| teaching pro | Verify and check the variety of assessments, check effectivity, intorduce new forms of assessment where and wher possible and effective |
| P2 | Appropriate and effective methods of assessment |
| P7 | Yes/No: the availability of assessment materials |
| P10 | The outcomes of student surveys on assessment methods in percent |
| | F ACHIEVEMENT OF THE INDICATOR (BENCHMARK) |
| | estimated value/range in order to check for deviations from the result obtained. e: in. 1 (one) guest speaker/course |
| | five to eight different types of assessment forms: written (closed-book, open-book), report, essay, portfolio, |
| P1 | multimedia, etc. |
| P2 | An Examination Handbook 100% of exams can be shown to be aligned with learning outcomes |
| P7 | 100% дисциплин обеспечены оценочными материалами для контроля уровня сформированности компетенций |
| P10 | The outcomes of student surveys on assessment methods in percent - 60% |
| | |
| | OF DATA |
| | source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary. |
| For example | e: Database of teachers by program. |

*Describe in detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic examples of the specific sources used in the Partner Institution developing the indicator, if available.

P1 this requires a revision by the Education Board or Education Department to review the assessment forms and evaluate them - Module descriptions P2

- (Possibly: Exam regulations)
- **P**7 Exam programs (interim assessments)
- P10 Syllabuses and surveys

PERIODICITY

Frequency with which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October.

- its continuous assessment, but at least each academic year there should be a revision and consideration of the **P1** assessment forms (not necessary that each time these get updated).
- P2 Before the start of a new study programme; next whenever there are changes in the curriculum
- **P7** Annually
- P10 twice a year

ANALYSIS OF THE RESULTS OBTAINED

- Once a new assessment form is intorduced, the Education Board should check its effecivity (sometimes could introduce a new assessment in a module for testing and then decide whether to continue or not) **P1**
- P2 Proportion of exams showing to plausibly test learning outcomes
- **P**7 Checking the degree of objectivity of monitoring the formation of competencies
- P10 Checking the results of surveys

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated

| | INDICATOR SHEET |
|-------------------------|---|
| This sheet | is a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICAT | OR: |
| Enter the n | ame of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 2.1.5. Quality control mechanisms |
| | |
| IQA INDI | CATOR |
| This sectio | n defines the indicator. For example: Number of guest speakers at the course |
| P1 | Graduation and Examination Board, Education Board as committees that safeguard quality |
| P2 | Quality Control Mechanisms |
| P7 | Expert assessment of the internal quality assurance system |
| P10 | Observations and analysis |
| | |
| OBJECT | IVE |
| speakers in | ne fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience ents as it allows them to acquire competencies and contents specific to these teaching profiles. |
| P1 | The objective of the indictor is to safeguard quality of student assessment & learning |
| P2 | The objective of this indicator is to understand, whether student assessment is subject to internal quality assurance activities |
| P7 | The purpose of this indicator is an expert assessment of the effectiveness of the university's quality assurance system. |
| P10 | Number of observations (survey and focus group) and analysis |
| | |
| RESPON | ISIBLE AGENT |
| Indicate the Section | ose responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| P1 | The Boards are responsible of safeguarding quality in different manners |

- **P2** Exams Office **P**7 Division of Quality
- P10 **Quality Assurance Department**

IQA DOMAIN

Indicate the area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". **IQA DOMAIN 2: ASSESSMENTS**

INDICATOR METRIC

Indicate how the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's teaching proposal

- Quality System Handbook developed, GEB Report, Education Board minutes (education & programme related **P1**
- improvements) **P2**
- Yes/No: Presence of quality control of assessments in the form of a committee, answer key reviews, etc. Yes/No: Compliance of the quality assurance system of the university with the Standards, the requirements of quality assurance (confirmed by the presence of a quality certificate of the QMS)
- **P7**
- P10 Ratio of the number of analysis to the number of observations (survey and focus group) in percent

SCALE OF ACHIEVEMENT OF THE INDICATOR (BENCHMARK) Provide an estimated value/range in order to check for deviations from the result obtained.

- For example: in. 1 (one) guest speaker/course
- **P1** The existence of the mentioned documents and motions during an academic year
- P2 Yes/No: An Administrational Guide
- **P7** Yes/No: Quality Manual
- P10 Ratio of the number of analysis to the number of observations (survey and focus group) 60%

SOURCE OF DATA

Indicate the source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the application of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary.

For example: Database of teachers by program.

*Describe in detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic examples of the specific sources used in the Partner Institution developing the indicator, if available

- P1 Quality System Handbook, GEB Yearly Report, GEB agenda & minutes, Edu Board agenda & minutes
- P2 Collection of HEI internal and/ or external regulations
- Base of internal normative acts of the university **P7**
- P10 **Quality Assurance Department**

PERIODICITY

Frequency with which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October.

- **P1** GEB and Education Board meet 6 times a year
- Just once; in case there is no such regulation, check again after a period to be defined by HEI P2
- P7 Annually
- P10 twice a year

ANALYSIS OF THE RESULTS OBTAINED

- The results are self-evaluated each academic year, but also presented during accreditation for external evaluation, **P1**
- the GEB yearly report is submitted to the WUAS Executive for review and approval.
- **P2** As this is a simple yes/no indicator, no further analysis is needed
- **P**7 As this is a simple yes/no indicator, no further analysis is needed
- P10 The results are analysized regularly

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| | System is measured or evaluated. |
|--------------|--|
| | INDICATOR SHEET |
| This sheet | is a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICAT | OR: |
| Enter the n | ame of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 2.2.1. Quality of assessments |
| | |
| IQA INDI | CATOR |
| This section | n defines the indicator. For example: Number of guest speakers at the course |
| P1 | Approriate and effective assessments, that measure student performance accurately |
| P2 | Quality of Assessments |
| P7 | Student satisfaction with the quality of education in the discipline (course) |
| P10 | Students' opinion about the assessment |
| | |
| OBJECT | |
| speakers ir | e fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience ents as it allows them to acquire competencies and contents specific to these teaching profiles. |
| | The objective of this indicator is to know whether the quality of assessments is up to the level of cognitive |
| P1 | capabilities of the students, whether the students learning process is being enhanced and measured accurately with the available assessment forms provided. |
| P2 | The objective of this indicator is to understand, whether the quality of student assessments is sufficiently safeguarded |
| P7 | The purpose of this indicator is to assess the degree of satisfaction of students with the quality of education in the discipline (course) for timely adjustment. |
| P10 | Students' complaints about the assessment |
| | |
| | SIBLE AGENT |
| Section | ose responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| P1 | Education Department, Examination Administration, the Testing Committee and the Graduation and Examination Board (GEB) |
| P2 | (Central) Quality Management Unit |
| P7 | Division of Quality |
| P10 | Quality Assurance Department |
| | |
| IQA DON | IAIN |
| Indicate the | e area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| | IQA DOMAIN 2: ASSESSMENTS |
| | |
| | OR METRIC |
| teaching pr | w the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's oposal |
| | Periodical checks of assessments available in the schools Examination Bank, control tools used such as answer |
| P1 | keys designed to record aims& objectives attained and required level of difficulty and cognitive levels necessary to |
| | complete the set tasks in the examination. |
| P2 | Student Feedback Alumni Feedback |
| F2 | Teacher Feedback |
| | The number of students who are satisfied with the quality of education in the discipline (course) / the total number |
| P7 | of students surveyed (in %) |
| D40 | Dation of aturdantal complete about the approximent to the total number of students (in persent) |

Ratio of students' complaints about the assessment to the total number of students (in percent) P10

SCALE OF ACHIEVEMENT OF THE INDICATOR (BENCHMARK)

Provide an estimated value/range in order to check for deviations from the result obtained.

For example: in. 1 (one) guest speaker/course

| P1 | There is no target number, but minimising the assessments related issues is achieved through the publishing of an Examination Handbook and pre-defined Answer Keys. At the end of each course |
|-----|--|
| P2 | or Semi-annually conducted surveys |
| P7 | 85% or more of students are satisfied with the quality of teaching in the discipline (course) |
| P10 | Ratio of students' complaints about the assessment to the total number of students - 5% |

SOURCE OF DATA

Indicate the source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the application of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary.

For example: Database of teachers by program.

*Describe in detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic examples of the specific sources used in the Partner Institution developing the indicator, if available.

- **P1** Exam Bank (Exams & Answer Keys) P2 Collection of questionnaires used by HEI Survey P7
- P10 Survey and focus groups

PERIODICITY

| Frequency with which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October. | | | |
|---|----|---|--|
| | P1 | At WUAS this is done with a blockly regularity, that is random checks at least 6 times year, if issues are found, further investigation is carried out, or sometimes extra checks can be conducted if needed. | |
| | P2 | Just once; in case there are no such surveys, check again after a period to be defined by HEI | |
| | P7 | Twice a year at the end of each semester | |

P10 once a year

ANALYSIS OF THE RESULTS OBTAINED

- The results are being communicated to different parties withing the organisation GEB to the Testing Committee, or to the Education Board. If the issue were minor the Testing Committee adjust or informs the respective teacher and **P1**
- the processes carry on as usual, if the issues were major, that need curriculum related changes the Education Board is informed, and the Education Board in turn will take necessary actions for investigation and improvement of the curriculum.
- P2 As this is a simple yes/no indicator, no further analysis is needed.
- P7 Further analysis is needed
- P10 Further analysis is needed

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance

| | INDICATOR SHEET |
|---|--|
| This ak f ' | |
| | a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICATOR | |
| Enter the nam | e of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 3.1.1. Strategic framework |
| | |
| | |
| | efines the indicator. For example: Number of guest speakers at the course |
| P1 | Defined research target and research areas |
| P2 | Strategic Framework |
| P7 | Availability of research development program |
| P10 | Strategic Plan |
| | |
| OBJECTIV | |
| the course. Th | fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest speakers ne incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience of the student em to acquire competencies and contents specific to these teaching profiles. |
| P1 | To enhance research and direct research activity to be in line with the schools mission |
| P2 | The objective of this indicator is to understand whether there is a strategic approach to research at the HEI. |
| P7 | The purpose of this indicator is to check the availability of a program for the scientific research, containing target indicators for the development of scientific activity and measures to achieve them. |
| P10 | Major targets of strategic planning encompass all areas of the university |
| | |
| | BLE AGENT |
| Indicate those Section | responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| P1 | WUAS Executive, Research Centre |
| P2 | Department, Rectorate |
| P7 | Department of Scientific Research |
| | |
| | Quality Assurance Department and Department of Strategic Studies |
| P10 | Quality Assurance Department and Department of Strategic Studies |
| P10 | |
| P10 IQA DOMA | |
| P10 IQA DOMA | IN CONTRACTOR OF |
| P10 IQA DOMA | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| P10 IQA DOMA | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER |
| P10 IQA DOMA Indicate the a INDICATOF | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how t teaching prop | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal |
| P10 IQA DOMA Indicate the a INDICATOF | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC RMETRIC No. of research papers within the scope, in line with the mission |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how in teaching prop P1 | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how t teaching prop | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how in teaching prop P1 | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), - Yes/No: targeted media citations |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how it teaching prop P1 P2 | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how t teaching prop P1 P2 P7 | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), - Yes/No: targeted media citations Yes/No: Research development program developed |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how teaching prop P1 P2 P7 P10 | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), - Yes/No: targeted media citations Yes/No: Research development program developed |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how to teaching prop P1 P2 P7 P10 SCALE OF | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), - Yes/No: Research development program developed Yes/No: |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how it teaching prop P1 P2 P7 P10 SCALE OF Provide an es | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC he indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), - Yes/No: Research development program developed Yes/No: ACHIEVEMENT OF THE INDICATOR (BENCHMARK) timated value/range in order to check for deviations from the result obtained. |
| P10 IQA DOMA Indicate the a INDICATOF Indicate how is teaching prop P1 P2 P7 P10 SCALE OF Provide an ess For example: | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC The indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's osal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: Level and type of research produced by faculty (providing details how the research is relevant for society), - Yes/No: targeted media citations Yes/No: Research development program developed Yes/No: ACHIEVEMENT OF THE INDICATOR (BENCHMARK) timated value/range in order to check for deviations from the result obtained. in. 1 (one) guest speaker/course |
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| P10 IQA DOMA Indicate the a INDICATOF Indicate how to teaching prop P1 P2 P7 P10 SCALE OF Provide an es For example: P1 P2 P7 P10 SOURCE C Indicate the s | IN rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance Indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER RMETRIC The indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's losal No. of research papers within the scope, in line with the mission - Yes/No: Defined research areas/targets No., - Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), - Yes/No: Research development program developed Yes/No: RCHEVENENT OF THE INDICATOR (BENCHMARK) Itimated value/range in order to check for deviations from the result obtained. in 1 (one) guest speaker/course At least 2 (two) peer-reviewed journal publications in Scopus indexed journals/ At least 1 (one) conference or workshop or seminar presentation in the last five years by all PhD qualified faculty All areas mentioned are covered Availability of a program for the development of scientific research All areas are covered |
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examples of the specific sources used in the Partner Institution developing the indicator, if available.

- P1 P2 $\ensuremath{\mathsf{ACADEM}}\xspace$, software through which we collect the data on the faculty research output
- Internal research documentation of HEI
- **P**7 Database of internal regulatory documents of the university
- P10 Department of Strategic Studies

PERIODICITY

Frequency with which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October.

- P1 Evaluation per academic year
- P2 Just once; in case not all areas mentioned are covered, check again after a period to be defined by HEI
- **P**7 Annually
- P10 Annually

ANALYSIS OF THE RESULTS OBTAINED

- P1 The results are checked in line with the mission
- P2 As this is a simple yes/no indicator, no further analysis is needed.
- **P**7 As this is a simple yes/no indicator, no further analysis is needed
- P10 As this is a simple yes/no indicator, no further analysis is needed

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated.

| | INDICATOR SHEET |
|---|---|
| | a tool for identifying the important factors for documenting and calculating an indicator. |
| NDICATO | |
| inter the han | ne of the indicator here. For example "Collaboration with the industry: guest-speakers" 3.1.2. Strategic research target |
| | 5.1.2. On alegic research larger |
| | ATOR |
| This section o | lefines the indicator. For example: Number of guest speakers at the course |
| P1 | Measuring the amount of research in line with WUAS mission |
| P2 | Measuring the amount of relevant research |
| P7 | Publication activity of the researchers enrolled students at doctoral, master level |
| | completed doctoral theses |
| | Articles in journal (WOS, Scopus) |
| P10 | Reference score of articles in journal (WOS, Scopus) Published autor and co-author articles |
| | Articles in cooperation with local and foregn universities |
| | Articles published at international conferences Scolars' scientific seminars |
| | Scientific project |
| | |
| OBJECTIV | |
| | fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest ne course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience |
| | s as it allows them to acquire competencies and contents specific to these teaching profiles. |
| | The objective of this indicator is to measure research activity at the university. |
| RESPONS | IBLE AGENT |
| Indicate those | e responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| Section | Research Department. |
| | |
| | IN |
| Indicate the a | rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| | IQA DOMAIN 3: RESEARCH AND RESEARCHER |
| | |
| INDICATO | the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's |
| teaching prop | osal |
| P1 | Defined research areas/targets No., level and type of research produced by faculty (providing details how the research is relevant for society) |
| | Targeted media citation |
| P2 | The indicator to measure the academic research is the number of academic contributions by the full-time |
| - | professors of IU per year The number of citations of publications published over the past 5 years in scientific periodicals, in an indexed |
| P7 | citation system; Number of articles in scientific journals |
| | Number of enrolled students at doctoral level/ doctoral candidates |
| | Number of degrees obtained (Master level) Number of degrees obtained (doctoral level) |
| | Number of completed doctoral theses |
| | |
| | Articles in journal (WOS, Scopus) – overall articles ratio (‰) |
| P10 | Articles in journal (WOS, Scopus) – overall articles ratio (‰) Articless in journal (WOS, Scopus) – number of teachers ratio (‰) |
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| P10 | Articles in journal (WOS, Scopus) – overall articles ratio (‰) Articless in journal (WOS, Scopus) – number of teachers ratio (‰) Reference score of articles in journal (WOS, Scopus) - Articles in journal (WOS, Scopus) ratio (‰) Autor articles - co-author articles ratio (‰) Articles in cooperation with local universities – overall articles ratio (‰) |
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| SCALE OF Provide an es | Articles in journal (WOS, Scopus) – overall articles ratio (‰) Articless in journal (WOS, Scopus) – number of teachers ratio (‰) Reference score of articles in journal (WOS, Scopus) - Articles in journal (WOS, Scopus) ratio (‰) Autor articles - co-author articles ratio (‰) Articles in cooperation with local universities – overall articles ratio (‰) Articles in cooperation with foregn universities – overall articles ratio (‰) Articles published at international conferences – overall articles ratio (‰) Number teacher'seminar about their investigation - number of teachers ratio (‰) Number of scientific Project – number of teachers ratio (‰) Articles value/range in order to check for deviations from the result obtained. in. 1 (one) guest speaker/course Preferably 2 (two) peer-reviewed journal publications in Scopus indexed journals per year by all PhD qualified faculty. At least 1 (one) conference or workshop or seminar presentation in the last five years by all PhD qualified faculty. Minimum 2 academic contributions per year The number of citations of publications published over the past 5 years in scientific periodicals, in an indexed citation system - 100;Number of articles in scientific journals - 100 Number of degrees obtained (Master level) 650 Number of degrees obtained (doctoral level) 30 Number of completed doctoral theses 8 Articles in journal (WOS, Scopus) – overall articles ratio (‰) 3% |
| SCALE OF Provide an es For example: P1 P2 P7 | Articles in journal (WOS, Scopus) – overall articles ratio (‰) Articless in journal (WOS, Scopus) – number of teachers ratio (‰) Reference score of articles in journal (WOS, Scopus) - Articles in journal (WOS, Scopus) ratio (‰) Autor articles - co-author articles ratio (‰) Articles in cooperation with local universities – overall articles ratio (‰) Articles in cooperation with foregn universities – overall articles ratio (‰) Articles in cooperation with foregn universities – overall articles ratio (‰) Articles published at international conferences – overall articles ratio (‰) Number teacher'seminar about their investigation - number of teachers ratio (‰) Number of scientific Project – number of teachers ratio (‰) Articles published at international conferences – overall articles ratio (‰) Number of scientific Project – number of teachers ratio (‰) Articles published rote to check for deviations from the result obtained. <i>in.</i> 1 (one) guest speaker/course Preferably 2 (two) peer-reviewed journal publications in Scopus indexed journals per year by all PhD qualified faculty. At least 1 (one) conference or workshop or seminar presentation in the last five years by all PhD qualified faculty. Minimum 2 academic contributions per year The number of citations of publications published over the past 5 years in scientific periodicals, in an indexed citation system - 100;Number of articles in scientific journals - 100 Number of degrees obtained (Master level) 650 Number of degrees obtained (Master level) 30 Number of degrees obtained (doctoral level) 30 Number of completed doctoral theses 8 Articles in journal (WOS, Scopus) – overall articles ratio (‰) 8% |
| SCALE OF Provide an es For example: P1 P2 | Articles in journal (WOS, Scopus) – overall articles ratio (‰) Articless in journal (WOS, Scopus) – number of teachers ratio (‰) Reference score of articles in journal (WOS, Scopus) - Articles in journal (WOS, Scopus) ratio (‰) Autor articles - co-author articles ratio (‰) Articles in cooperation with local universities – overall articles ratio (‰) Articles in cooperation with foregn universities – overall articles ratio (‰) Articles published at international conferences – overall articles ratio (‰) Number teacher'seminar about their investigation - number of teachers ratio (‰) Number of scientific Project – number of teachers ratio (‰) Articles value/range in order to check for deviations from the result obtained. in. 1 (one) guest speaker/course Preferably 2 (two) peer-reviewed journal publications in Scopus indexed journals per year by all PhD qualified faculty. At least 1 (one) conference or workshop or seminar presentation in the last five years by all PhD qualified faculty. Minimum 2 academic contributions per year The number of citations of publications published over the past 5 years in scientific periodicals, in an indexed citation system - 100;Number of articles in scientific journals - 100 Number of degrees obtained (Master level) 650 Number of degrees obtained (doctoral level/ doctoral candidates 60 Number of degrees obtained (doctoral level) 30 Number of completed doctoral theses 8 Articles in journal (WOS, Scopus) – overall articles ratio (‰) 3% |
| SCALE OF Provide an es For example: P1 P2 P7 | Articles in journal (WOS, Scopus) – overall articles ratio (‰) Articless in journal (WOS, Scopus) – number of teachers ratio (‰) Reference score of articles in journal (WOS, Scopus) - Articles in journal (WOS, Scopus) ratio (‰) Autor articles - co-author articles ratio (‰) Articles in cooperation with local universities – overall articles ratio (‰) Articles published at international conferences – overall articles ratio (‰) Articles published at international conferences – overall articles ratio (‰) Number teacher'seminar about their investigation - number of teachers ratio (‰) Number of scientific Project – number of teachers ratio (‰) Articles in oder to check for deviations from the result obtained. <i>in. 1 (one) guest speaker/course</i> Preferably 2 (two) peer-reviewed journal publications in Scopus indexed journals per year by all PhD qualified faculty. Minimum 2 academic contributions per year The number of citations of publications published over the past 5 years in scientific periodicals, in an indexed citation system - 100;Number of articles in scientific journals - 100 Number of degrees obtained (Master level) 650 Number of degrees obtained (Master level) 650 Number of degrees obtained (doctoral level) 30 Number of completed doctoral leves 3 Articles in journal (WOS, Scopus) – number of teachers ratio (‰) 3% Articles in journal (WOS, Scopus) – number of teachers ratio (‰) 8% Reference score of articles in journal (WOS, Scopus) – number of teachers ratio (‰) 5% |
| SCALE OF Provide an es For example: P1 P2 P7 | Articles in journal (WOS, Scopus) – overall articles ratio (‰) Articless in journal (WOS, Scopus) – number of teachers ratio (‰) Reference score of articles in journal (WOS, Scopus) - Articles in journal (WOS, Scopus) ratio (‰) Autor articles - co-author articles ratio (‰) Articles in cooperation with local universities – overall articles ratio (‰) Articles in cooperation with foregn universities – overall articles ratio (‰) Articles in cooperation with foregn universities – overall articles ratio (‰) Articles published at international conferences – overall articles ratio (‰) Number teacher'seminar about their investigation - number of teachers ratio (‰) Number of scientific Project – number of teachers ratio (‰) Mumber of scientific Project – number of teachers ratio (‰) Articles paeker/course Preferably 2 (two) peer-reviewed journal publications in Scopus indexed journals per year by all PhD qualified faculty. At least 1 (one) conference or workshop or seminar presentation in the last five years by all PhD qualified faculty. Minimum 2 academic contributions per year The number of citations of publications published over the past 5 years in scientific periodicals, in an indexed citation system - 100;Number of articles in scientific journals - 100 Number of degrees obtained (doctoral level/ doctoral candidates 60 Number of degrees obtained (doctoral level) 650 Number of degrees obtained (doctoral level) 30 Number of degrees obtained (doctoral level) 30 Number of completed doctoral theses 8 Articles in journal (WOS, Scopus) – overall articles ratio (‰) 3% Articles in journal (WOS, Scopus) – number of teachers ratio (‰) 5% Articles in cooperation with local universities – overall articles ratio (‰) 0,5% Articles in cooperation with foregn universities – overall articles ratio (‰) 0,5% |
| SCALE OF Provide an es For example: P1 P2 P7 | Articles in journal (WOS, Scopus) – overall articles ratio (‰) Articless in journal (WOS, Scopus) – number of teachers ratio (‰) Reference score of articles in journal (WOS, Scopus) - Articles in journal (WOS, Scopus) ratio (‰) Autor articles - co-author articles ratio (‰) Articles in cooperation with local universities – overall articles ratio (‰) Articles published at international conferences – overall articles ratio (‰) Number teacher'seminar about their investigation - number of teachers ratio (‰) Number of scientific Project – number of teachers ratio (‰) Number of scientific Project – number of teachers ratio (‰) Articles in oder to check for deviations from the result obtained. <i>in. 1 (one) guest speaker/course</i> Preferably 2 (two) peer-reviewed journal publications in Scopus indexed journals per year by all PhD qualified faculty. Minimum 2 academic contributions per year The number of citations of publications published over the past 5 years in scientific periodicals, in an indexed citation system - 100;Number of articles in scientific journals = 100 Number of degrees obtained (Master level) 650 Number of degrees obtained (doctoral level) 400 Number of degrees obtained (doctoral level) 30 Number of completed doctoral leves 3 Articles in journal (WOS, Scopus) – number of teachers ratio (‰) 3% Articles in journal (WOS, Scopus) – number of teachers ratio (‰) 8% Reference score of articles in journal (WOS, Scopus) – number of teachers ratio (‰) 5% |

SOURCE OF DATA

Indicate the source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the application of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary.

For example: Database of teachers by program.

*Describe in detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic examples of the specific sources used in the Partner Institution developing the indicator, if available.
Computer application in which the publications of the university's researchers are recorded.

| PERIODICITY |
|---|
| Frequency with which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October. |
| Annual |

ANALYSIS OF THE RESULTS OBTAINED

| P1 | |
|-----|--|
| P2 | As this is a simple yes/no indicator, no further analysis is needed. |
| P7 | |
| P10 | As this is a simple yes/no indicator, no further analysis is needed. |

Dartnor

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance

| Partner | particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated. |
|-----------------|---|
| | INDICATOR SHEET |
| | a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICATO | |
| Enter the har | ne of the indicator here. For example "Collaboration with the industry: guest-speakers" 3.1.3. PhD trajectory |
| | |
| IQA INDIC | ATOR |
| This section of | defines the indicator. For example: Number of guest speakers at the course |
| P1 | Wittenborg is a University of Applied Sciences and does not provide a PhD tractory at the moment. |
| P2 | PhD Trajectory |
| P7 | Thesis defense |
| P10 | Number of PhD students |
| OBJECTIV | F |
| | fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest speakers in |
| the course. T | he incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience of the students |
| P1 | em to acquire competencies and contents specific to these teaching profiles. X |
| P2 | The objective of this indicator is to understand whether there is a strategic approach to research at the HEI. |
| P7 | The purpose of this indicator is to establish the effectiveness of preparing dissertations for defense on time |
| P10 | Number of PhD students |
| | |
| | IBLE AGENT |
| | e responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| Section P1 | X |
| P2 | Department, Rectorate |
| P7 | Department of Scientific Research |
| P10 | Department for Organization of Scientific Activities |
| | |
| IQA DOMA | 1N |
| Indicate the a | rea of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| | IQA DOMAIN 3: RESEARCH AND RESEARCHER |
| | |
| INDICATO | R METRIC the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's |
| teaching prop | |
| P1 | x |
| 50 | - Yes/No: Defined research areas/targets No., |
| P2 | Yes/No: level and type of research produced by faculty (providing details how the research is relevant for society), Yes/No: targeted media citations |
| | The number of PhD students who defended dissertations on time (not later than one year from the date of completion |
| P7 | of postgraduate studies) |
| P10 | The ratio of the number of PhD students to the number of total students (%); The ratio of the number of doctoral |
| | students to the number of teachers |
| SCALE OF | |
| | FACHIEVEMENT OF THE INDICATOR (BENCHMARK) stimated value/range in order to check for deviations from the result obtained. |
| | |
| | in. 1 (one) guest speaker/course |
| P1 P2 | X All grease mentioned are covered |
| P2 P7 | All areas mentioned are covered 90% of employees who successfully defended dissertations on time |
| | The ratio of the number of doctoral students to the number of total students - 1%; The ratio of the number of doctoral |
| P10 | students to the number of teachers - 5% |
| | |
| SOURCE (| DF DATA |
| | source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the application s and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary. |
| or motionerit | s and tools - questioninatios, encourses, interviews, databases for the storage and processing or information, in necessary. |
| For example: | Database of teachers by program. |
| | detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic |
| | the specific sources used in the Partner Institution developing the indicator, if available. |
| P1 | X |
| P2 | Internal research documentation of HEI |
| P7 | Database of dissertation defenses |
| P10 | Department for Organization of Scientific Activities |
| PERIODIC | |
| | II Y ith which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October. |
| P1 | In which the indicator is measured in its total expression. For example, Annual periodicity, Obtaining the result in October. |
| P2 | x Just once; in case not all areas mentioned are covered, check again after a period to be defined by HEI |
| F2 D7 | |

| P2 | Just once; in case not all a | reas mentioned are covered | , check again after a perio | od to be defined by H |
|----|------------------------------|----------------------------|-----------------------------|-----------------------|
|----|------------------------------|----------------------------|-----------------------------|-----------------------|

- P7 P10 Annually once a year

ANALYSIS OF THE RESULTS OBTAINED

| The results s | hould be analyzed to check whether the data obtained are in line with the estimated values for the indicator. |
|---------------|---|
| P1 | x |
| P2 | As this is a simple yes/no indicator, no further analysis is needed. |
| P7 | |
| P10 | As this is a simple yes/no indicator, no further analysis is needed. |

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated.

| | INDICATOR SHEET |
|--|--|
| This sheet | s a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICAT | DR: |
| Enter the n | ame of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 3.1.4. Research quality maintenance |
| | CATOR |
| This section | n defines the indicator. For example: Number of guest speakers at the course |
| P1 | Research supporting policies |
| P2 | Research Quality Maintenance |
| P7 | Financial and material and technical support of scientific activity at the university |
| P10 | Research articles published in WOS and Scopus |
| | the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience |
| P2 P7 P10 | Ints as it allows them to acquire competencies and contents specific to these teaching profiles. To provide approriate support of research in line with the mission and goals of the school The objective of this indicator is to understand by which means research is supported This indicator shows how much the university participates in supporting scientific activities with financial resources and the purchase of equipment for conducting scientific research. Number of research articles published in WOS and Scopus and number of references to these articles |
| P2 P7 P10 | To provide approriate support of research in line with the mission and goals of the school The objective of this indicator is to understand by which means research is supported This indicator shows how much the university participates in supporting scientific activities with financial resources and the purchase of equipment for conducting scientific research. Number of research articles published in WOS and Scopus and number of references to these articles |
| P2 P7 P10 RESPON | To provide approriate support of research in line with the mission and goals of the school The objective of this indicator is to understand by which means research is supported This indicator shows how much the university participates in supporting scientific activities with financial resources and the purchase of equipment for conducting scientific research. Number of research articles published in WOS and Scopus and number of references to these articles SIBLE AGENT |
| P2 P7 P10 RESPON | To provide approriate support of research in line with the mission and goals of the school The objective of this indicator is to understand by which means research is supported This indicator shows how much the university participates in supporting scientific activities with financial resources and the purchase of equipment for conducting scientific research. Number of research articles published in WOS and Scopus and number of references to these articles |
| P2 P7 P10 RESPON Indicate the | To provide approriate support of research in line with the mission and goals of the school The objective of this indicator is to understand by which means research is supported This indicator shows how much the university participates in supporting scientific activities with financial resources and the purchase of equipment for conducting scientific research. Number of research articles published in WOS and Scopus and number of references to these articles SIBLE AGENT |
| P2 P7 P10 RESPON Indicate the Section | To provide approriate support of research in line with the mission and goals of the school The objective of this indicator is to understand by which means research is supported This indicator shows how much the university participates in supporting scientific activities with financial resources and the purchase of equipment for conducting scientific research. Number of research articles published in WOS and Scopus and number of references to these articles SIBLE AGENT is responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| P2 P7 P10 RESPON Indicate the Section P1 | To provide approriate support of research in line with the mission and goals of the school The objective of this indicator is to understand by which means research is supported This indicator shows how much the university participates in supporting scientific activities with financial resources and the purchase of equipment for conducting scientific research. Number of research articles published in WOS and Scopus and number of references to these articles SIBLE AGENT se responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors WUAS Executive, WUAS Research Centre |
| P2 P7 P10 RESPON Indicate the Section P1 P2 | To provide approriate support of research in line with the mission and goals of the school The objective of this indicator is to understand by which means research is supported This indicator shows how much the university participates in supporting scientific activities with financial resources and the purchase of equipment for conducting scientific research. Number of research articles published in WOS and Scopus and number of references to these articles SIBLE AGENT se responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors WUAS Executive, WUAS Research Centre Department, Rectorate |

IQA DOMAIN

Indicate the area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". IQA DOMAIN 3: RESEARCH AND RESEARCHER

INDICATOR METRIC

Indicate how the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's teaching proposal

- P1 Analyse and evaluate the insituttional research output (e.g. per academic year)
- P2 No./type of support measures for staff
- Events organised for internal dissemination
- P7 The amount of funding for scientific activities; purchase of laboratory equipment purchased during the year for scientific research
- P10 The ratio of references to the research articles in WOS and Scopus to the total number of published articles in percent

SCALE OF ACHIEVEMENT OF THE INDICATOR (BENCHMARK)

Provide an estimated value/range in order to check for deviations from the result obtained.

| For example: in. | 1 (one) guest speaker/course |
|------------------|---|
| P1 | Check if the research output, is up to the expected quality, in line with mission and strategic goals |
| | The presence of research supporting mechanisms |
| | Examples |
| | balancing in teaching load for faculty for research activities |
| | financial support for active participation in conferences and research meetings |
| P2 | support in the acquisition and handling of third-party funded projects |
| | the support of hosting research workshops and conferences at the |
| | the granting of own research funds and scholarships. |
| | the granting of research sabbaticals |
| | 1-2 (one-two) events/conferences per year, where staff and students share their research activities. |
| P7 | The amount of financial resources allocated for the implementation of scientific activities; number of laboratory |
| F1 | equipment purchased per year for scientific research |
| P10 | The ration of refences to the research articles in WOS and Scopus to the total number of published articles - 80% |
| | |

SOURCE OF DATA

Indicate the source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the application of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary.

For example: Database of teachers by program.

*Describe in detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic examples of the specific sources used in the Partner Institution developing the indicator, if available.

- P1 ACADEM, software through which we collect the data on the faculty research output
- P2 Internal research documentation of HEI
- P7 Financial documentation of the university
- P10 WOS and web of Scopus

PERIODICITY

| Frequer | ncy with which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October. | | |
|---------|---|--|--|
| | | | |
| P1 | Per academic year | | |
| P2 | Just once; in case not all areas mentioned are covered, check again after a period to be defined by HEI | | |
| P2 | Just once, in case not all areas mentioned are covered, check again after a period to be delined by HEI | | |
| P7 | Annually | | |
| • • | Ainidaily | | |
| P10 | twice a year | | |
| | | | |
| | | | |

ANALYSIS OF THE RESULTS OBTAINED

The results should be analyzed to check whether the data obtained are in line with the estimated values for the indicator.

- P1 The results will determine the research supporting policies for the next period (academic year).
- P2 As this is a simple yes/no indicator, no further analysis is needed.

P7 P10

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated.

| | INDICATOR SHEET |
|---|--|
| | INDICATOR STILLT |
| | s a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICATO | |
| | me of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 3.1.5. Ethical decision-making |
| | |
| IQA INDIC | CATOR |
| | defines the indicator. For example: Number of guest speakers at the course |
| | No. and the way ethical considerations/decision-making elements are included and handled with in various |
| P1 | processes |
| P2 | Ethical Decision-Making |
| P7 | Academic honesty (ensure that scientific text is checked for borrowing) |
| P10 | Research impropriety and decisions related to them |
| | |
| OBJECTI | |
| | e fundamental purposes for which its calculation is intended. For example:The objective of this indicator is to know the number of guest the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience |
| | the course. The incorporation of guest speakers of recognized preside, in the academic of professional reld, emoties the reaning experience that as it allows them to acquire competencies and contents specific to these teaching profiles. |
| P1 | To demonstrate the way the school deals with ethics, inclusivity, diversity. |
| P2 | The objective of this indicator is to check which elements supporting ethical decision making are present at the HE |
| P7 | This indicator serves to avoid duplication of own or borrowed ideas in scientific publications. |
| P10 | Number of research impropriety and the number of decisions related to them |
| | |
| RESPONS | SIBLE AGENT |
| | se responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| Section | |
| P1 | Education Department |
| P2 | Department, Rectorate |
| P7 | Information Support Department |
| P10 | Department for Organization of Scientific Activities |
| | |
| IQA DOM | |
| Indicate the | area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| | IQA DOMAIN 3: RESEARCH AND RESEARCHER |
| | |
| | DR METRIC |
| Indicate how teaching pro | v the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's |
| leaching bro | |
| | posal |
| | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an |
| | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee |
| | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an |
| P1 | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees |
| P1 P2 | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis |
| P1 P2 P7 | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity |
| P1 P2 P7 | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software |
| P1 P2 P7 P10 SCALE OI | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software The ratio of the number of decisions on research impropriety to the total number of doctoral students (in percent) F ACHIEVEMENT OF THE INDICATOR (BENCHMARK) |
| P1 P2 P7 P10 SCALE OI | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software The ratio of the number of decisions on research impropriety to the total number of doctoral students (in percent) |
| P1 P2 P7 P10 SCALE OI Provide an e | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software The ratio of the number of decisions on research impropriety to the total number of doctoral students (in percent) F ACHIEVEMENT OF THE INDICATOR (BENCHMARK) estimated value/range in order to check for deviations from the result obtained. |
| P1 P2 P7 P10 SCALE OI Provide an e For example | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software The ratio of the number of decisions on research impropriety to the total number of doctoral students (in percent) FACHIEVEMENT OF THE INDICATOR (BENCHMARK) estimated value/range in order to check for deviations from the result obtained. br. in. 1 (one) guest speaker/course |
| P1 P2 P7 P10 SCALE OI Provide an e For example | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software The ratio of the number of decisions on research impropriety to the total number of doctoral students (in percent) F ACHIEVEMENT OF THE INDICATOR (BENCHMARK) estimated value/range in order to check for deviations from the result obtained. |
| P1 P2 P7 P10 SCALE OI Provide an e For example | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software The ratio of the number of decisions on research impropriety to the total number of doctoral students (in percent) F ACHIEVEMENT OF THE INDICATOR (BENCHMARK) estimated value/range in order to check for deviations from the result obtained. e: in. 1 (one) guest speaker/course The presence of these policies and procedures are enough, no need to quantify these. Code of Conduct Code of Ethical Behaviour |
| P1 P2 P7 P10 SCALE OI Provide an e For example P1 P2 | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software The ratio of the number of decisions on research impropriety to the total number of doctoral students (in percent) FACHIEVEMENT OF THE INDICATOR (BENCHMARK) estimated value/range in order to check for deviations from the result obtained. estimated value/range of these policies and procedures are enough, no need to quantify these. Code of Conduct Code of Conduct Code of Ethical Behaviour Ethical Committee |
| P1 P2 P7 P10 SCALE OI Provide an e For example P1 P2 P7 | No. of policies, procedures in place dealing with issues related to ethics, diversity & inclusion. / existence of an Ethical Committee Presence & procedures of ethical committees Ethical considerations in each thesis Presence of documents safeguarding academic integrity Determination using computer software The ratio of the number of decisions on research impropriety to the total number of doctoral students (in percent) FACHIEVEMENT OF THE INDICATOR (BENCHMARK) stimated value/range in order to check for deviations from the result obtained. ex in. 1 (one) guest speaker/course The presence of these policies and procedures are enough, no need to quantify these. Code of Conduct Code of Conduct Code of Conduct Ethical Behaviour Ethical Behaviour Ethical Committee 80% or more of the original text |
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- **P1**
- Evaluation of these documents per academic year, or longer periodic cycles Just once; in case not all areas mentioned are covered, check again after a period to be defined by HEI P2 P7
- Permanently P10 twice a year

ANALYSIS OF THE RESULTS OBTAINED

- The practices can be benchmarked to what other insitution are doing, learning from different practices in these areas: forming Ethical Committee, create student support, create supporting scholarships, organise events around these issues, etc,. **P1**
- P2 As this is a simple yes/no indicator, no further analysis is needed.
- **P**7
- P10

P10

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated.

| This - the fit | |
|----------------|---|
| | s a tool for identifying the important factors for documenting and calculating an indicator. |
| NDICATO | IR: me of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 3.1.6. Research facilities: open science, labs, etc. |
| | |
| | |
| This section | defines the indicator. For example: Number of guest speakers at the course |
| P1 | Open science, Open access to online libarary (books, journals, articles, etc.) Physically available space/devices for working |
| P2 | Research Facilities |
| P7 | Availability of information access to scientific research (electronic library systems, repositories, etc.) |
| P10 | Open access to laboratory equipments, WOS and Scopus journals |
| OBJECTI | |
| | E fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest |
| speakers in | the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experienc nts as it allows them to acquire competencies and contents specific to these teaching profiles. |
| | To enable student and staff/faculty access to high quality scientific material and libararies for the purposes of |
| 21 | enhanced quality research |
| P2 | The objective of this indicator is to understand whether the HEI is equipped with research facilities |
| P7 | The purpose of this indicator is to determine the availability of access to electronic resources for scientific researc Resources must be accessible from anywhere with Internet access |
| P10 | Number of laboratory equipment, ensuring open access to WOS and Scopus journals |
| | |
| | SIBLE AGENT |
| Section | se responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professor |
| P1 | WUAS Executive |
| P2 | Rectorate |
| P7 P10 | Department of Information Resources, Digital Library Department for Organization of Scientific Activities and Quality Assurance Department |
| -10 | Department for Organization of Scientific Activities and Quality Assurance Department |
| | AIN |
| | area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| | IQA DOMAIN 3: RESEARCH AND RESEARCHER |
| | |
| | DR METRIC v the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program |
| eaching pro | |
| P1 | Check the availability of access to recent books, journals, articles and papers. |
| P2 | No./quality of facilities Access to literature resources articles/publications/books |
| P7 | Number of university academic staff with access to electronic research resources from anywhere with Internet |
| | access /total number of university academic staff |
| P10 | The ratio of the number of laboratory equipment to the total number of PhD students; the ratio of PhD students using WOS and Scopus journals web sites to the number of total PHD students (percentage) |
| | |
| | F ACHIEVEMENT OF THE INDICATOR (BENCHMARK) |
| Provide an e | estimated value/range in order to check for deviations from the result obtained. |
| | n: 1 (one) guest speaker/course |
| P1 | At WUAS we provide students, staff & faculty with online library access via Perlego, EBSCO; ICT service. - ICT service, |
| P2 | - laptop lending |
| | - Online library access to books, journals, articles: Wiley, Springer, EBSCO, Perlego, Pearson etc. |
| P7 | 100% of the scientific and pedagogical staff of the university who have access to electronic resources for scientific research |
| | The ratio of the number of laboratory equipment to the total number of PhD students, the ratio of PhD students |
| P10 | using WOS and Scopus journals web sites to the number of total PHD students - 80% |
| | |
| | OF DATA source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the |
| | of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary. |
| For example | : Database of teachers by program. |
| | |
| | detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic the specific sources used in the Partner Institution developing the indicator, if available. |
| P1 | EBSCO search balk is accessible on the VLE (virtual learning environment) via front page quick button for access |
| | also access to e-book via Perlego is available in the same area n.a. |
| P2 | Library catalogue |
| P7 | Database of contracts for access to electronic resources |
| P10 | Department for Organization of Scientific Activities reports annualy |
| | |
| PERIODIC | it Y with which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October. |
| P1 | Education Operations often checks the availability and the comprehesiveness of these platforms. |
| P2 | anually |
| P7 | Anually |
| P10 | Once a year |
| | |
| | S OF THE RESULTS OBTAINED |
| P1 | should be analyzed to check whether the data obtained are in line with the estimated values for the indicator. Education Operations reports in case of issues to the Education Board |
| P2 | n.a. |
| P7 | |
| P10 | |

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated.

| | a tool for identifying the important factors for documenting and calculating an indicator. |
|---|---|
| NDICATO | |
| Enter the na | me of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 3.1.7. Social impact of research |
| | ATOR |
| | defines the indicator. For example: Number of guest speakers at the course |
| P1 | No. of research publications with a social impact |
| P2 | Social Impact of Research |
| P7 | Соответствие тематики научных иследований целям социального развития ООН |
| P10 | Lectures, seminars about the results of the research. Number of views of the articles about research results |
| OBJECTI | |
| | • undamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest |
| peakers in | the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experienc |
| of the studer >1 | Its as it allows them to acquire competencies and contents specific to these teaching profiles. |
| - 1 | To be able to chart out the the social impact of the insitution by means of the meaningful research conducted The objective of this indicator is to examine, whether research at the HEI also covers its social impact. |
| | Целью данного индикатора является определение, какая часть научных исследований направлена на цели |
| P7 | социального развити я ООН |
| P10 | Number of reports and seminars on the results of the research. Number of views of the articles about research |
| | results |
| RESPONS | SIBLE AGENT |
| | SIDLE AGENT se responsible for the calculation of the indicator under study should be, as well as its custody. For example: Rector's Department - Professors |
| Section | |
| P1 | Director of Education, Research Centre, Education Department Indicate those responsible for the calculation of the indicator under study should be, as well as its custody. For |
| 22 | example: Rector's Department - Professors Section |
| 77 | Отдел научных исследований |
| P10 | Quality Assurance Department |
| | |
| | |
| ndicate the | area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
| | IQA DOMAIN 3: RESEARCH AND RESEARCHER |
| | |
| | |
| | OR METRIC the indicator under study is calculated or measured. For example: Verify the number of quest speakers defined and included in the program' |
| ndicate how | r the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program? posal |
| ndicate how eaching pro | It the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's posal Keeping track of published papers, but in the meantime provide support, facilities and connections for more |
| Indicate how eaching pro | Ithe indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's posal Keeping track of published papers, but in the meantime provide support, facilities and connections for more opportunities in research |
| Indicate how teaching pro P1 | It the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's posal Keeping track of published papers, but in the meantime provide support, facilities and connections for more |
| Indicate how teaching pro P1 | the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's posal Keeping track of published papers, but in the meantime provide support, facilities and connections for more opportunities in research Research concerned with being involved in professional or civic organisations Research integrating the UN Social Development Goals Research aimed at supporting disadvantaged communities |
| Indicate how teaching pro P1 P2 | In the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's posal Keeping track of published papers, but in the meantime provide support, facilities and connections for more opportunities in research Research concerned with being involved in professional or civic organisations Research integrating the UN Social Development Goals Research aimed at supporting disadvantaged communities Research in partnership with other institutions with social impact outcomes |
| ndicate how eaching pro P1 P2 | n the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program posal Keeping track of published papers, but in the meantime provide support, facilities and connections for more opportunities in research - Research concerned with being involved in professional or civic organisations - Research integrating the UN Social Development Goals - Research aimed at supporting disadvantaged communities - Research in partnership with other institutions with social impact outcomes Количество публикаций по тематике, соответсвующей целям социального развития ООН |
| ndicate how eaching pro 21 22 27 | n the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's posal Keeping track of published papers, but in the meantime provide support, facilities and connections for more opportunities in research - Research concerned with being involved in professional or civic organisations - Research integrating the UN Social Development Goals - Research aimed at supporting disadvantaged communities - Research in partnership with other institutions with social impact outcomes Количество публикаций по тематике, соответсвующей целям социального развития ООН Number of lectures and seminars about the research results conducted during a four-month period. The ratio of |
| Indicate how teaching pro P1 P2 P7 | n the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program posal Keeping track of published papers, but in the meantime provide support, facilities and connections for more opportunities in research - Research concerned with being involved in professional or civic organisations - Research integrating the UN Social Development Goals - Research aimed at supporting disadvantaged communities - Research in partnership with other institutions with social impact outcomes Количество публикаций по тематике, соответсвующей целям социального развития ООН |
| ndicate how eaching pro P1 P2 P7 P10 | n the indicator under study is calculated or measured. For example: Verify the number of guest speakers defined and included in the program's posal. Keeping track of published papers, but in the meantime provide support, facilities and connections for more opportunities in research - Research concerned with being involved in professional or civic organisations - Research integrating the UN Social Development Goals - Research aimed at supporting disadvantaged communities - Research in partnership with other institutions with social impact outcomes Количество публикаций по тематике, соответсвующей целям социального развития ООН Number of lectures and seminars about the research results conducted during a four-month period. The ratio of article views (about research results) to the number of references to them. |
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| F | =requency with | which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October. |
|---|----------------------------------|--|
| | | Per academic year |
| | | annualy |
| | | Annualy |
| | P10 | Once a year |
| | | |
| 1 | ANALYSIS OF THE RESULTS OBTAINED | |
| | | |

The results should be analyzed to check whether the data obtained are in line with the estimated values for the indicator. Checked against the mission and goals of the school. **P1**

- P2 n.a. P7 P10
- The results are checked again

An indicator is a quantitative measure that can be used as a guide to monitor and evaluate the quality of different activities. That is, the particular way (usually, but not only, numerical) in which each of the activities included in the processes of the Internal Quality Assurance System is measured or evaluated.

| | INDICATOR SHEET |
|--|---|
| This sheet i | is a tool for identifying the important factors for documenting and calculating an indicator. |
| INDICAT | DR: |
| Enter the na | ame of the indicator here. For example "Collaboration with the industry: guest-speakers" |
| | 3.2.1. Quality of research facilities |
| | CATOR |
| | n defines the indicator. For example: Number of guest speakers at the course |
| P1 | Quality of Research Facilities |
| P2 | Quality of Research Facilities |
| P7 | Удовлетворененость исследователей условиями для осуществления научной деятельности |
| P10 | Accuracy of research results |
| | |
| | |
| OBJECTI | |
| Describe th speakers in | e fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience of the course. |
| Describe th speakers in | e fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest |
| Describe th speakers in of the stude | e fundamental purposes for which its calculation is intended. For example:The objective of this indicator is to know the number of guest the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience ents as it allows them to acquire competencies and contents specific to these teaching profiles. |
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| Describe th speakers in of the stude P1 P2 P7 P10 | e fundamental purposes for which its calculation is intended. For example: The objective of this indicator is to know the number of guest the course. The incorporation of guest speakers of recognized prestige, in the academic or professional field, enriches the learning experience ents as it allows them to acquire competencies and contents specific to these teaching profiles. To check the availability, the accessibility and the usefulness of reseach facilities The objective of this indicator is to check whether the quality of the facilities is assessed by stakeholders. Этот показатель служит для оценки удовлетворенности исследователей условиями для научной деятелньости (качеством лабораторной базы, информационного обеспечения и др.) |
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| Indicate the area of the Quality Assurance System to which the indicator belongs. For example "Teaching and Learning - Performance indicator". |
|--|
| IQA DOMAIN 3: RESEARCH AND RESEARCHER |
| |

INDICATOR METRIC

| | molate now me induction under study is carculated or measured. For example, very the number of guest speakers defined and included in the program's teaching proposal | | |
|---|---|--|--|
| | P1 | Feedback from students, teachers and staff | |
| | P2 | Student Feedback Alumni Feedback Teacher Feedback | |
| | P7 | Количество исследователей, удовлетворенных условиями для научной деятельности/ общее количество опрошенных исследователей (в %) | |
| | P10 | Ratio of accurate measurements of methods applied during research to inaccurate measurements | |
| | | | |
| SCALE OF ACHIEVEMENT OF THE INDICATOR (BENCHMARK) | | | |
| Provide an estimated value/range in order to check for deviations from the result obtained. | | nated value/range in order to check for deviations from the result obtained. | |
| | _ | | |

| For example: in. 1 (one) guest speaker/course | | |
|---|--|--|
| P1 | 90% of the stakeholders to be satisfied with the facilities. | |
| | At the end of each course | |
| P2 | OF | |
| | Semi-annually conducted surveys | |
| P7 | 85% и более исследователей удовлетворены качеством условий для научной деятельности | |
| P10 | Ratio of accurate measurements of methods applied during research to inaccurate measurements - 70% | |

SOURCE OF DATA

Indicate the source or platform from which the data will be obtained for the correct calculation of the indicator. This section should also indicate the application of instruments and tools - questionnaires, checklists, interviews, databases for the storage and processing of information, if necessary.

For example: Database of teachers by program.

*Describe in detail the composition and functionality of the tool to be used. For instance, fields comprising the teacher DATA BASE, incorporating graphic examples of the specific sources used in the Partner Institution developing the indicator, if available.

- P1 Surveys Collection of questionnaires used by HEI P2
- **P**7 Survey
- research groups P10

PERIODICITY

| Frequency with | which the indicator is measured in its total expression. For example: Annual periodicity. Obtaining the result in October. |
|-----------------|--|
| P1 | Per academic year, and any time issues are reported formally or informally, actions need to be taken. |
| P2 | Just once; in case there are no such surveys, check again after a period to be defined by HEI |
| P7 | Два раза в год |
| P10 | twice a year |
| | |
| ANALYSIS | OF THE RESULTS OBTAINED |
| The results she | ould be analyzed to check whether the data obtained are in line with the estimated values for the indicator. |
| P1 | If the satisfaction level is not met, or issues are reported, then further investigation and actions are needed. |
| P2 | As this is a simple yes/no indicator, no further analysis is needed. |
| P7 | |
| P10 | As this is a simple yes/no indicator, no further analysis is needed. |
| | |