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COMPLEX ESTIMATING OF THE SCIENTIFIC ACTIVITIES OF THE RESEARCHERS

Sardar Shabanov

Azerbaijan State Economic University, Baku, Azerbaijan, *shabanovsa@box.az*

Estimation of scientific activities of the investigators arise interest from some point of view. So while measuring the activity which is known appears objective opportunity for the investigator in the place he works. Besides, in a few numbers of countries in order to appoint the investigator to the definite post the citation index [1] is used. But as in Azerbaijan statistics of such indicator has not been investigated yet it is considered to be the latest time work. From this reason a few indicators for complex estimating the scientific activities of the investigator have been choosen. They are as followings:

1. Printed scientific work (theses are not being included);
2. Thesis defense and scientific names;
3. Editorship activities;
4. Conference theses;
5. Grants;
6. Patents;
7. Forming of the conferences;
8. Honorary titles and prizes.

Non-numeral marks that each of them can receive have been formulated and structured as a table. To the each found non-numeral mark numeral equivalent has been defined and put against. As a result indicators carried non-numerical characters have been described with numbers. After defining the marks of the investigator the total of the corresponding marks are counted as a sum. Examples have been shown for a few indicators below from the corresponding tables.

Table1

Printed scientific work (theses are not being included)

Row number	Non numerical value of indicator	The numerical equivalent
1	Monograph (for any printed sheet)	6
2	Textbook (higher school) (for any printed sheet)	2
3	Textbook (secondary school) (for any printed sheet)	2
4	School supplies (for any printed sheet)	2
5	Translation (for any printed sheet)	2
6	Training appliance	10
7	Methodical literature	10
8	Article of international journal	30
9	Article of Republic journal	15
10	important result presented to National Academy of Sciences of Azerbaijan	10
11	Scientific work presented to annual report of National Academy of Sciences of Azerbaijan	25
12	No	0

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Table 2

Honorary names and prizes

Row number	Non numerical value of indicator	The numerical equivalent
1	H.Aliyev order	100
2	Independence order	80
3	Reputation order	60
4	Progress medal	40
5	Honored Scientist	60
6	Other prizes	30
7	No prizes	0

Corresponding model of the given indicators have been built for all other ones as shown tables. It is natural that these indicators for each scientific investigators can be defined in the corresponding institution if their score is found and summarized and naturally it'll be easier to compare them. In conclusion after putting the investigators with row of decreasing according to the score it'll be considerable to estimate them objectively. Described method is an estimating algorithms. For realizing this algorithm it has been choosen an information model as relational data base and as realization environment it has been elected ACCESS – data base management system.

Offering project is estimated in the scale of The National Academy of Sciences of Azerbaijan and universities of republic like project carrying innovation character. Project has been realized in the level of prototype. It's possible to achieve the following in the case of its becoming real for apply:

- Defining and stimulating of the most advanced scientists of some institutes and The Azerbaijan National Academy of Sciences;
- Defining and stimulating of the best investigators on universities;
- It will be able to give impetus for placing in the Internet of the information base to knowing among students and investigators and universities of the most advanced corresponding are colloborate building with them;
- The offered approaches will fit be able to solve of the other practical problems with non-numeral parameters.

Literature

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