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Oleh Herasymchuk, Nataliia Lishchyna, Halina Herasymchuk  
Lutsk National Technical University**СИСТЕМА РЕЙТИНГОВОЇ ОЦІНКИ ТА ОБЛІКУ ДІЯЛЬНОСТІ ПРОФЕСОРСЬКО-ВИКЛАДАЦЬКОГО СКЛАДУ ВНЗ**

**Герасимчук О.О., Ліщина Н.М., Герасимчук Г.А. Система рейтингової оцінки та обліку діяльності професорсько-викладацького складу ВНЗ.** В статті описана розроблена система рейтингової оцінки та обліку діяльності працівників ВНЗ. Розглянуто показники оцінювання та їх вплив на формування рейтингу.

**Ключові слова:** звітність, система оцінки досягнень, наукова праця, діяльність викладачів, публікації, участь в конференціях

**Герасимчук О.О., Ліщина Н.М., Герасимчук Г.А. Система рейтинговой оценки и учета деятельности профессорско-преподавательского состава вуза.** В статье описана разработанная система рейтинговой оценки и учета деятельности работников вуза. Рассмотрены показатели оценивания и их влияние на формирование рейтинга.

**Ключевые слова:** отчетность, система оценки достижений, научный труд, деятельность преподавателей, публикации, участие в конференциях

**Oleh Herasymchuk, Nataliia Lishchyna, Halina Herasymchuk. Accounting and rating assessment system of higher education institutions teachers.** This article describes a system developed rated and accounting activities of employees of the university. Considered indicators for assessment and their impact on the formation of the rankings.

**Keywords:** accounting, rating assessment system, scientific work, activity of teachers, publications, participation in conferences

**Introduction**

According to the "Principle of organization of the educational process in higher education institutions" working hours of a teacher is determined by the volume of its academic, methodical, scientific and organizational responsibilities in current academic year, reflected in the individual working plan. Decree of the Ministry of Education of Ukraine № 450 of August 7, 2002 regulates the volume of academic work of a teacher (annual academic load) according to the Law of Ukraine "About Higher Education" - no more than 900 hours. At the same time, annual working hours of a teacher are 1548 hours, which include so-called "teacher's afternoon working load" and include designated hours to prepare for lectures and practical classes, writing articles, monographs and more.

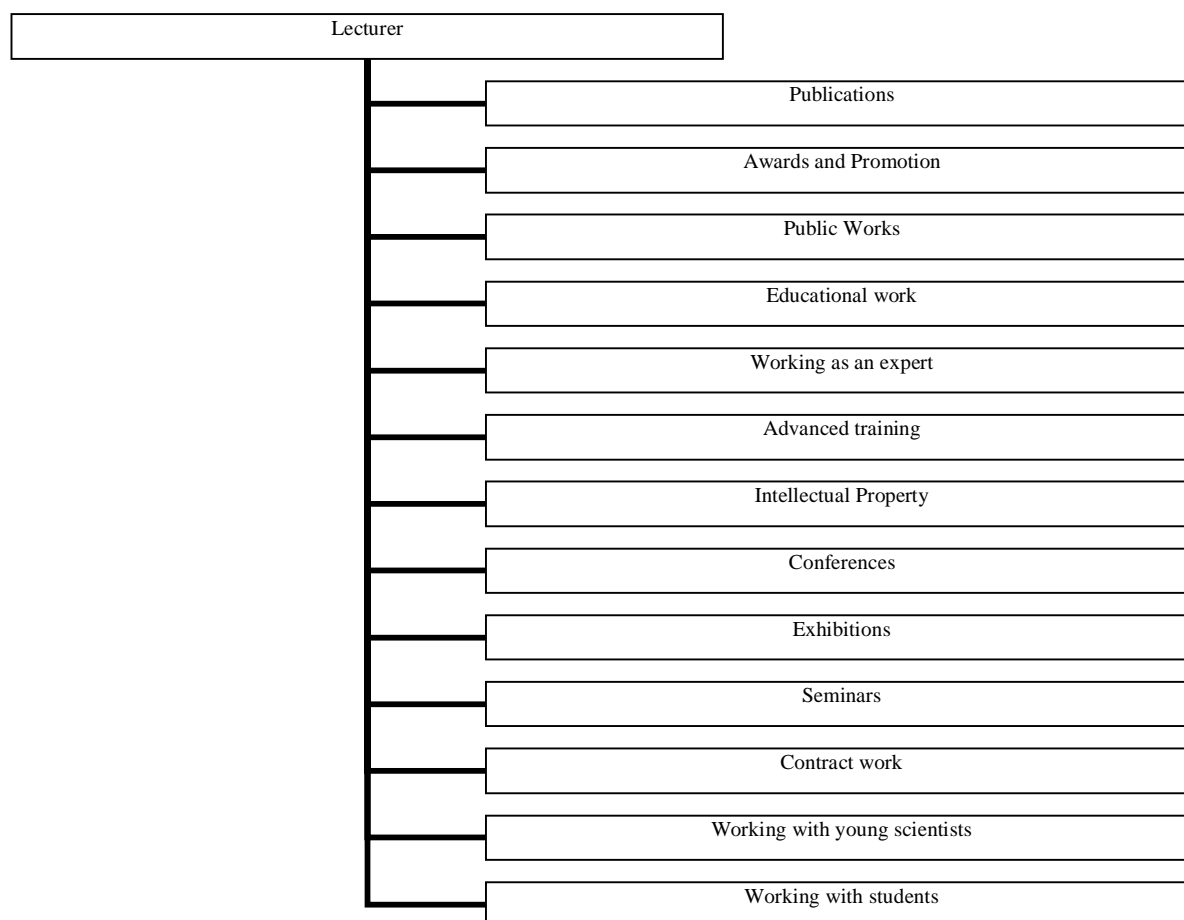
**Main part**

To display and evaluate full activity of teacher we must have definite criteria for estimation of such activity that would increase the effectiveness of teachers' work and help to reduce misunderstandings or conflicts.

The subject for this article is a system of statistical data collection on scientific papers conducted by teachers. The aim is to create a system of accounting and rating assessment of activity of higher education institutions teachers, which will provide the use of systematic connection between scientific researches of teachers and work of other teachers, which will summarize and detail the results of scientific work and statistical efficiency of activity of teachers.

Decision on automation of scientometric and accounting data will give employees of Ukrainian universities possibility to function in a single informational space.

So the benefit of automated systems over existing is a single electronic archive of scientometric and accounting data of teachers (fig. 1).



**Fig. 1 – Scientometric data of a teacher**

Activity results of teachers can be divided into several scientometric data points:

“Rewards and promotions” - enclose the information about teacher’s achievements and has basic attributes: type, title - for additional information, date of issue;

“Advance training” - contains information about obtained academic degrees and titles and contains data on passed type of work, name of work and date of issue;

“Publications” - include publications of teacher by categories, and also data on work as chief editor or executive secretary for production of scientific publications. Has the attributes: type of edition, title - which must be recorded in accordance with current requirements to design of bibliographic records, number of copyright pages, hours of classes and hours of self-study of textbook (manual, publications, etc.); according to these data edition rating is defined, in case when scientometric record of category “chief editor work” or “executive secretary work” is created, name of journal is recorded instead of title;

“Educational and methodical work” - includes educational and methodical work of teacher by categories, as well as data on work as chief editor or executive secretary for the production of scientific publications. Has the attributes: type of edition, title - which must be recorded in accordance with current requirements for design of bibliographic records, number of copyright pages, hours of classes and hours of self-study of textbook (manual, publication, etc.), according to these data edition rating is defined;

“Conferences” - information about participation in conferences, conferences may be foreign, teacher can participate in them as organizer, one of the members of the organizing committee or as reporter, when teacher made report on conference he indicates its theme;

“Exhibitions” - information on participation in exhibitions, exhibitions can be foreign, teacher can participate in them as an organizer, one of the members of the organizing committee or as reporter, when teacher made report on exhibition he indicates its theme;

“Seminars”- information on participation in seminars, seminars can be foreign, teacher can participate in them as an organizer, one of the members of the organizing committee or as reporter, when teacher made report on seminar he indicates its theme;

“Intellectual property” - contains information about obtained patents and certificates of authorship, each item of intellectual property has attributes: type, title, date of issue;

“Work with young scientists” - data on young scientists, their surname, name and patronymic, type of work, subject and presenting date;

“Work with students - data on students, their surname, name and patronymic, type of work, subject and presenting date;

“Public Work” - information about public activity - curatorship in group, assisting in preparation of various student contests, organization of works with set of entrants at school;

“Contracting work” – information about contracting work introduced;

“Work as an expert” - information about work as opponent, reviewer, expert of Higher Expert Committee, State Expert Committee, as well as about work in scientific councils.

Accounting system of personal teachers' achievements - a system which can operate many users with and it has centralized control. This function is performed by specially assigned staff - moderators and administrators.

The duties of system moderator include:

- creation of types of publications, awards and promotions, public work, educational and methodical work, work as an expert, advance training, intellectual property, conferences, exhibitions, seminars, contracting work, work with young scientists and students;

- information management of departments and faculties.

The duties of administrator are all the same as that of moderator, but with possibility to add and edit users, generate reports of rating and work of users. Figuration of designed system is presented in fig. 2.

Тип	Назва(Тема)	Автор(и) сторінки	Аудитори зазначення	Самостійне оцінювання	Дата	Рейтинг
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	Герасимчук О.О. Результати польових випробувань					

Fig. 2 – Accounting system of personal teachers' achievements

### **Conclusion**

Implementation of presented system will provide precise control over availability and motion of personnel and scientific data of teachers in higher education institutions.

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