

**Enhancing And Promoting Research And Innovation In
Higher Education**

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Abstract

Develop and improve the society to advance, create and disseminate knowledge through research and provide, as part of its service to the community and to understand, interpret, preserve, enhance, promote and disseminate national and regional, international and historic cultures. For enhancing the access of women to higher education, various socio-economic, cultural and political obstacles. New methods of education will also imply new types of teaching-learning Materials. Higher education institutions should educate students to become well informed and deeply motivated citizens. For illustrating the prognostic uncertainties, the polarities within which higher education needs to position itself in the future can be highlighted.

Introduction

In the last decade, the questioning of traditional teaching and learning methods and instructional systems and the search for more effective alternatives have gained momentum in higher education. Recent trends can be grouped as follows:

1. facilitation of student learning with an emphasis on individualizing instruction, and increased use of multi-media systems, learning resource centres, and peer teaching.
2. evaluation of teaching: the widespread and systematic use of student evaluations by means of questionnaires and greater use of these data for purposes of faculty selection and promotion;
3. university-teacher training including the creation of pedagogical service units on many campuses, courses and workshops provided on instruction for faculty and graduate students, increased collaboration between content specialists and instructional media consultants in curricular reforms.
4. New systems of higher education, such as the Open University or the University Without Walls, designed to offer radical alternatives to new as well as traditional types of students.

These trends, which have been accompanied by intense research and evaluation efforts, will be described and assessed.

Mission To Educate, To Train And To Undertake Research

We affirm that the core missions and values of higher education, in particular the mission to contribute to the sustainable development and improvement of society as a whole, should be preserved, reinforced and further expanded, namely, to **advance, create and disseminate knowledge** through **research** and provide, as part of its service to the community, relevant expertise to assist societies in cultural, social and economic development, promoting and developing scientific and technological research as well as research in the social sciences, the humanities and the creative arts and to **understand, interpret, preserve, enhance, promote and disseminate national and regional,**

international and historic cultures, in a context of cultural pluralism and diversity; contribute to the development and improvement of education at all levels, including through the training of teachers.

Enhancing Participation And Promoting The Role Of Women:

1. Although significant progress has been achieved to enhance the **access of women** to higher education, various socio-economic, cultural and political obstacles continue in many places in the world to impede their full access and effective integration. To overcome them remains an urgent priority in the renewal process for ensuring an equitable and non-discriminatory system of higher education based on the principle of merit.
2. Further efforts are required to eliminate all gender stereotyping in higher education, to consider gender aspects in different disciplines and to consolidate women's

Innovative Educational Approaches: Critical Thinking And Creativity:

1. Higher education institutions should educate students to become well informed and deeply motivated citizens, who can think critically, analyse problems of society, look for solutions to the problems of society, apply them and accept social responsibilities.
2. To achieve these goals, it may be necessary to recast curricula, using new and appropriate methods, so as to go beyond cognitive mastery of disciplines.. The teaching of human rights standards and education on the needs of communities in all parts of the world should be reflected in the curricula of all disciplines.
3. Methods of education will also imply new types of teaching-learning materials. These have to be coupled with new methods of testing that will promote not only powers of memory but also powers of comprehension, skills for practical work and creativity.

Future Trends And Researchs In Higher Education

Any assessment of future trends is fraught with prognostic uncertainties. There are two ways of ascertaining future trends in higher education: one, the extrapolation of present trends into the future, based on an assessment of the dynamics of the developments which can be empirically observed today. There are two reasons to assume that higher education will accommodate certain, socially immensely relevant concerns that are desirable as norms; not every desirable concern, however, will become an issue of higher education for a trend to consolidate. To illustrate the prognostic uncertainties, the polarities within which higher education needs to position itself in the future can be highlighted. Some are traditional, but gain a new significance, others are recent or even nascent:

1. The traditional trade-offs in higher education are those between theory and practice, research and teaching, between the research and teaching function of higher education institutions, between natural science and the humanities/social sciences, between education and training. These polarities will have to be balanced also in the future.
2. Shaping the knowledge society and generating employability: In a knowledge society, the principal mission of higher education graduates is that of players who must make consequential decisions in complex and risk-fraught action systems which in turn are embedded in complex and risk-fraught environments, and who should be able to boil down complexity in a way for which technical know-how alone would not suffice. Students of today will in all likelihood be under pressure to decide complex matters and will have to act dependably in such situations. Higher education must prepare students for these demands.

Institutionally, high participation rates will continue to be a higher education trend, complemented by the mounting dynamics of lifelong learning.

Conclusion

Innovations and researches have been made for influencing student academic performance and to develop higher order thinking and problem solving. As a result, motivation, attitude, and interest in learning of the students can be improved. Innovations help to prepare students for the workforce and address the needs of low performing, at-risk, and learning disabled students. Teaching Should Be Consistent With the Nature of Scientific Inquiry. Innovation and research is essential in setting out educational goals: Schools should pick the most important concepts and skills to emphasize so that they can concentrate on the quality of understanding rather than on the quantity of information presented.

Reference

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