

Institute of Earthquake Engineering and Engineering Seismology
"Ss Cyril and Methodius" University, Skopje

IZIIS - CENTER OF EXCELLENCE

Education Program - III

NEW IZIIS' EDUCATION CURRICULUM
OF
IZIIS' POSTDOCTORAL STUDIES

Skopje, 2007

1. CONDITIONS FOR IZIIS' POSTDOCTORAL STUDIES

The Institute of Earthquake Engineering and Engineering Seismology (IZIIS), Ss. Cyril and Methodius University in Skopje has a long international tradition of about 40 years in the domain of educational and scientific-research activities in the field of earthquake engineering, engineering seismology and other related scientific fields.

Starting from its foundation, IZIIS has imposed itself with its specific activity and presently represents a widely known international centre of excellence in the field of education, science and expert services that it provides to the modern industry.

In the course of the past 40 years, IZIIS has continuously organized international postgraduate master and doctoral studies. The master and doctoral studies at IZIIS are widely known and internationally accepted by both the developing and underdeveloped countries from all continents.

IZIIS is also known for the successful organization of specialized and individual studies for selected candidates from all around the world, particularly from the developing countries.

In the course of its long year international tradition, a larger number of professors or experts have stayed at IZIIS as lecturers, special consultants or partners in the realization of joint scientific-research projects from almost all the world renowned universities.

Starting with its long year international educational-scientific activity, IZIIS is increasingly becoming a scientific center in which a large number of experts are interested in realizing their specific scientific-research activity.

One of the most frequently used forms of realization of such specific goals by interested researchers is individual participation in the defined programme for realization of individual post-graduate studies at IZIIS.

Today, IZIIS provides all the necessary conditions for realization of individual postdoctoral studies for candidates interested in individual advanced training in a number of related scientific fields.

2. TIME DURATION OF POSTDOCTORAL STUDIES

The postdoctoral studies at IZIIS are primarily organized for the purpose of enabling individual scientific advanced training of interested candidates.

Therefore the time duration of the postdoctoral studies at IZIIS has been defined to be flexible and in principle, it is harmonized with the study programme and the study objectives of the candidate.

The motivation for postdoctoral studies at IZIIS can be the result of different reasons: participation in a specific scientific project realized at IZIIS, participation in joint scientific research, scientific research related to a geographical area, writing of scientific papers or books and alike.

The participation in post-doctoral studies at IZIIS should primarily result in establishment of a long year of fruitful scientific, educational and other kind of promotional academic and commercial cooperation of a common interest.

3. ACADEMIC PROGRAMME OF POST-DOCTORAL STUDIES

The candidate accomplishes the postdoctoral studies at IZIIS in accordance with an academic (individual) programme that has previously been adopted by the IZIIS' Academic Council.

The academic programme for realization of postdoctoral studies at IZIIS is proposed by the candidate with the consent of a host professor from IZIIS.

In the academic programme for realization of postdoctoral studies at IZIIS, the candidate specifies the objectives, the contents, the expected results and the time duration in details, with a particular emphasis on the previously provided conditions for successful realization of the proposed programme for postdoctoral studies at IZIIS.

4. SELECTION OF THEME AND PROFESSOR-COORDINATOR OF POSTDOCTORAL STUDIES

To be accepted for postdoctoral studies at IZIIS, the candidate should obligatorily fulfill the following conditions prior to the beginning of the candidate's stay at IZIIS:

The candidate should have submitted and adopted theme and a corresponding academic programme according to which the postdoctoral studies at IZIIS will be realized. The IZIIS' Academic Council decides on the acceptance of the theme and the programme based on a request submitted by the candidate;

The candidate should have an established contact and obtained consent by a corresponding professor from IZIIS, who has accepted to be coordinator of the candidate's postdoctoral studies.

The professor-coordinator of the postdoctoral studies is at the same time principal coordinator of the entire academic activities to be realized by the candidate in the course of the candidate's postdoctoral stay. The theme and the contents of the academic activities of the candidate should be completely harmonized prior to the beginning of the postdoctoral stay of the candidate to enable obtaining of as successful as possible results that are of joint interest for the involved researchers and their institutions.

5. INTERNATIONAL CHARACTER OF POSTDOCTORAL STUDIES

The master and doctoral studies at IZIIS have a long tradition of over 40 years. The programme of the master and doctoral studies has continuously been realized in English language.

So far, the international tradition of the master and doctoral studies at IZIIS has provided complete internationality of the IZIIS' postdoctoral studies. The candidates who have completed master or doctoral studies at IZIIS have always been accepted worldwide both by industry and the most renowned universities. In the period to come, IZIIS shall commit itself to intensifying even more the cooperation with the candidates for postdoctoral studies from all the interested countries from the region, Europe and the world.

6. FINANCING OF POSTDOCTORAL STUDIES

In principle, the postdoctoral studies in the corresponding scientific fields are financed in a number of ways for concrete candidates. These are the following:

- Financing or partial financing of the most successful candidates directly by governments or governmental institutions of interested countries;
- Awarded international fellowships to the most successful candidates from different sources;
- Financing of selected candidates by the industry and for the needs of concrete companies;
- Financing of candidates from available European and world funds (through different prescribed instruments and programmes);
- Self-financing by interested candidates from different regions and countries from Europe and the World.

The amount of the financial resources for postdoctoral studies at IZIIS is defined based on a resolution made by the IZIIS' Council, Generally, IZIIS is interested in accepting

candidates from all continents. Starting from this basic principle, the necessary financial resources have been optimized to a realistic level to enable acceptance of candidates to the IZIS' postdoctoral studies from different countries and regions and countries of different economic development worldwide.