

# Quality Improvement in Higher Education

Training program, Sarajevo, October 22-24

## ASIIN akreditacija

Mašinskog fakulteta Univerziteta u Beogradu  
(sa posebnim osvrtom na otklanjanje primedbi)

Prof. Dr Nenad Zrnić



# INTERNATIONAL ACCREDITATION OF ENGINEERING STUDIES

144856-TEMPUS-20080-RS0JPGR (15.01.2009. – 14.01.2012.)

## Institucije - učesnici u projektu

Univerzitet u Beogradu – Mašinski fakultet

Technische Universität, München

Imperial College, London

Polytechnical University of Catalonia, Barselona

German University in Cairo

Univerzitet u Kragujevcu

Univerzitet u Nišu

Ministarstvo prosvete Republike Srbije

Robotina d.o.o. – Slovenija

Institut “Mihajlo Pupin” – Beograd

IvDam Process Control d.o.o. – Beograd

Informatika AD – Beograd

ASIIN

Učesnici u projektu iz Srbije



## Zahtev za ASIIN akreditaciju

studijskih programa

**Mašinski fakultet Univerziteta u Beogradu  
je podneo 2012. godine  
po završetku TEMPUS projekta**

Odgovor ASIIN-a na zahtev za akreditaciju



# ASSIN forma/šablon za samovrednovanje

## Prevod na srpski jezik

### Studijski programi koji se akredituju

- **Mašinsko inženjerstvo – osnovne akademske studije  
(3 god. – 180 ESPB)**
- **Mašinsko inženjerstvo – master akademske studije  
(2 god. – 120 ESPB)**



# Prve primedbe ASIIN-a

- An overview (e.g. table) making clear which part of the report and/or annex(es) provides answers to each single ASIIN criterion.
- The description of the objectives and learning outcomes of the degree programmes plus an objective matrix (see ASIIN criterion 2.2 and 2.3).



- **The peers would also need at least the following attachments in English:**
- **The Rules and Procedures for Quality Assurance**
- **Reports on the results of the student evaluation (at least one)**
- **The Rules of the Belgrade University on examination and evaluation of the test exams**
- **FME Rules on student evaluation of teachers and pedagogical staff**
- **Information booklet for admission to the Faculty of Mechanical Engineering**
- **Report on the number of students enrolled in degree programs by year of study**
- **Statistical report on the success rate of students in exams**
- **Statistical report on graduation**



- **It seems that there is no qualitative information on the teaching staff (i.e. their profiles, etc.) in the report and/or attachments**
- **At least for the permanent teaching staff a short English CV of each teacher is required**



**19. Februar 2013.**

**ASIIN**

**Preliminarna pitanja neposredno  
pre dolaska komisije 25. februara 2013.**

**Članovi komisije:**

<b>Dr.-Ing. W. Hans Engelskirchen</b>	<b>Kolbenschmidt Pierburg AG</b>
<b>Prof. Dr.-Ing. Stephan Kabelac</b>	<b>Leibniz Universität Hannover</b>
<b>Prof. Dr.-Ing. Jörg Wauer</b>	<b>Karlsruhe Institute of Technology</b>
<b>Prof. Dr.-Ing. Georg Weidner</b>	<b>University of Applied Sciences Schmalkalden</b>
<b>Marie-Isabel Zirpel</b>	<b>Representative from ASIIN Office</b>





**21. Februar 2013.**

**Odgovori Mašinskog fakulteta**  
**na preliminarna pitanja ASIIN-a**



# Accreditation Visit - Schedule

- Monday, 25 February 2013.

17.00 – 20.00

Preliminary Meeting of Peers in the Hotel

Celokupna dokumentacija je prevedena na engleski jezik,  
odštampana je i dostavljena u hotel pre dolaska komisije



- **Tuesday, 26 February 2013.**

**09.00 – 10.30**

## **Meeting with Program Coordinators and Representatives of the Rectorate of the University**

### *Issues:*

**Further development of the university; position of the programs in the con-text of the university; profile of the programs and perspectives of further development as viewed by the Rectorate**

**Studies and teaching at the participating institutions; staff (currently and planned development); cooperations; perspectives of further development; equipment; communication and coordination; organization of studies and management of teaching; quality assurance**



**10.30 – 10.45**

**Break (internal discussion of the peers)**

**10.45 – 12:30**

**Meeting with Program Coordinators**

*Issues:*

**Educational goals; curriculum; course of studies; contents and methods of teaching; counseling and support for students; organization of exams; study results; relevance for the labor market**

**12.30 – 14.00**

**Lunch break**



**14.00 – 15.00**

**Inspection of module and final exams**

**15.00 – 16.30**

**Meeting with Students**

*Issues:*

**Educational goals and study program; contents of study; organization of study; exams; counseling and support for students; conditions of study; study abroad**



- **Wednesday, 27 February 2013.**

**09.00 – 10.30**

## **Meeting with Teaching Staff**

*Issues:*

Curriculum; course of studies; contents and methods of teaching; counseling and support for students; further qualification of professors and other teaching staff

**10.30 – 10.45**

**Break (internal discussion of the peers)**



**10.45 – 12.15**

## **Visitation of Participating Institutes and Laboratories / Further Discussion**

*Issues:*

This item should include the option of further discussions with representatives of the participating institutes, the rectorate and the administration to address open questions and ask for additional information.

**12.30 – 14.00**

**Lunch break**



**14.00 – 15.30**

**Final Discussion of Peers**

**15.30 – 16.00**

**Final Meeting with Program Coordinators  
and Representatives of the Rectorate**

*Issues:*

Summary of the impressions of the peer group; opportunity for final explanations by the HEI in case of unclear matters

**End of the accreditation visit**

**Discussion of Peers, if necessary**





## Nezvanične primedbe članova komisije po završetku radnog dela posete

- Learning outcomes (LO) for the programs as a whole for BSc and MSc (not for modules, but with visible connection to LO of modules). BSc&MSc-LO specific for faculty, with flavor of mechanical engineering.
- LO with description of BSc and MSc theses (like for other subjects).
- Diploma Supplement in English – pressure on Ministry.
- Rules for recognition of courses finished on other universities (Lisbon convention).
- Supervision of students' choice of elective subjects – tutoring.
- Not modern equipment (remark).
- Software licenses for students (remark).
- Soft skills to be embedded into courses (remark).
- Quality management improvement and implementation (remark).

Overall impression:

excellent variety of courses, strong theory and theoretical foundations, weak labs.



**ASIIN Izveštaj o akreditaciji (11.04.2013.)**

**Sertifikati o akreditaciji za BSc i MSc**

**ASIIN Izveštaj o akreditaciji (28.06.2013.)**

**Sertifikati EUR-ACE za BSc i MSc**

**ASIIN Izveštaj o akreditaciji (27.09.2013.)**

**Sertifikati o akreditaciji za BSc i MSc**

**Sertifikati EUR-ACE za BSc i MSc**



# Hvala na pažnji !

