



Interreg-IPA Cross-border Cooperation Programme Romania-Serbia

**UNIVERSITY OF BELGRADE
TECHNICAL FACULTY IN BOR**

= www.tfbor.bg.ac.rs =

November 2019

University of Belgrade

- the oldest and largest university in Serbia
- founded in 1808
- The University comprises 31 faculties, 11 research institutes, the University library, and 7 university centres. The faculties are organized into 4 groups: social sciences and humanities; medical sciences; natural sciences and mathematics; and technological sciences.
- Since its founding, the University has educated more than 330,000 BSc, around 21,300 MSc, 29,000 specialists and 12,600 PhD
- The University has nearly 90,000 students (including around 1,700 at MSc and PhD level students) and over 4,200 members of teaching staff.



One century of copper mining and metallurgy since 1903



MAIN FACTS

- the only faculty belonging to the University of Belgrade located outside of Belgrade
- established in 1961 as the Mining-metallurgical faculty and in 1977 changed the name into Technical faculty in Bor
- First 58 years - from 1961 up to now:
 - >3080 graduated students (>50 foreigners)
 - >20 candidates finished specialist studies
 - >260 candidates finished master studies
 - >130 candidates defended doctoral theses



A part of the faculty is located in the building of the old French casino

- Field of technical-technological sciences
- The following curriculums have been implemented:
 - Graduate academic studies – the studies of the first level - four year university courses (240 ECTS credits)
 - Master academic studies – the studies of the second level - one year courses (60 ESPB credits)
 - Doctoral academic studies – the studies of the third level - three year courses (180 ECTS credits)



ACCREDITED CURRICULUMS

The education process is realized by implementation of the following curriculums accredited in 2009 and 2013:

- Mining engineering (1st, 2nd and 3rd level of studies continued from 1961)
- Metallurgical engineering (1st , 2nd and 3rd level of studies continued from 1961)
- Technological engineering (1st , 2nd and 3rd level of studies continued from 1978)
- Engineering management (1st , 2nd and 3rd level of studies continued from 2002)



- Underground mining
- Surface mining
- Mineral processing
- Recycling and sustainable development
- Extractive metallurgy
- Metal processing
- Chemical engineering
- Environmental engineering
- Engineering management
- Business Management
- Information Technology

TEACHING STAFF

- Full professors – 22
- Associated professors – 21
- Assistant professors – 19
- Assistants – 26
- Foreign languages profs. – 4
- Other staff – 30



SCIENTIFIC RESEARCH

Besides education, scientific research is the second main activity of TFB in the frame of fundamental, development, applied investigations and cooperation with industry

PROJECTS (actual engagement in 2019)

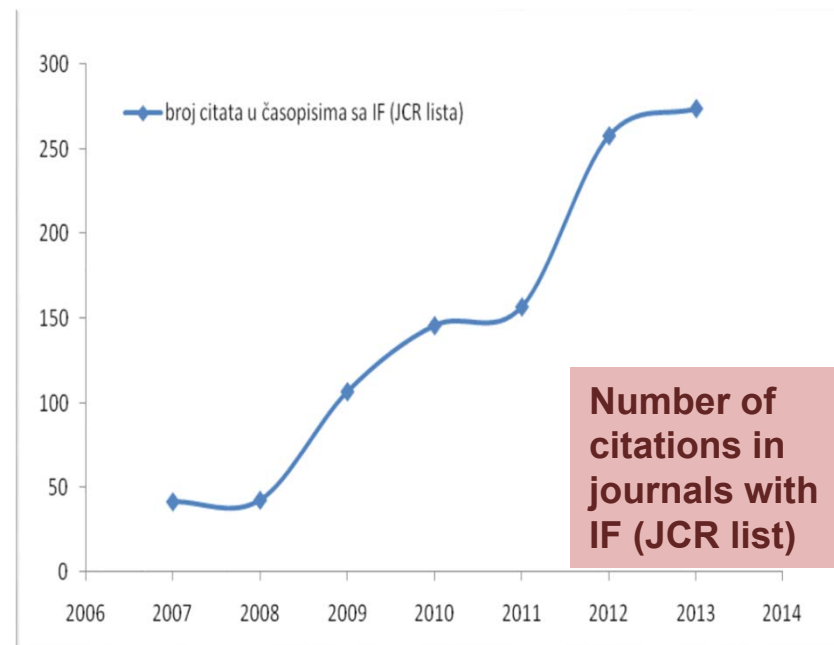
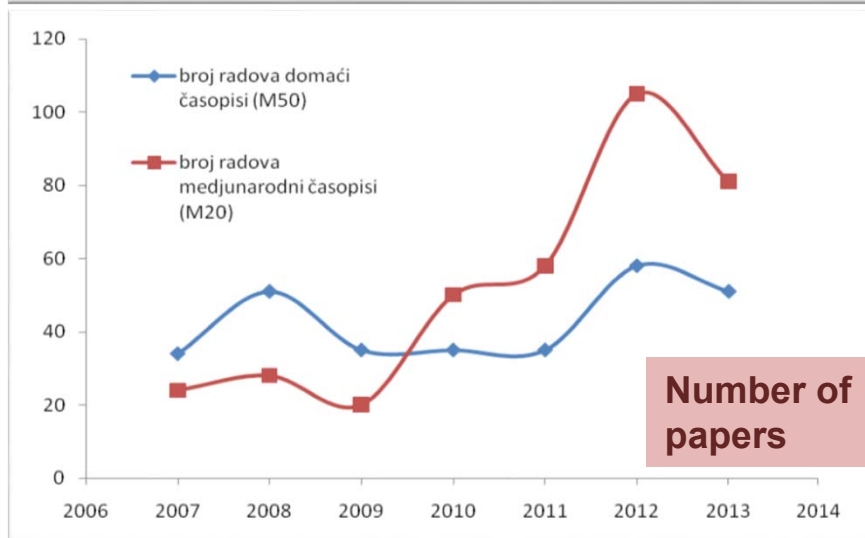
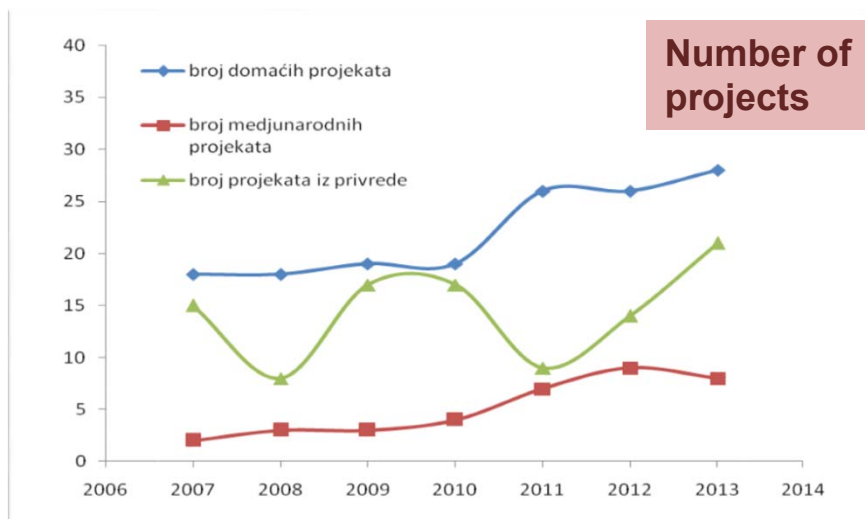
National projects: 10 (fundamental MESTD RS)+16 (technological development+III MESTD RS)+12 projects with industry

International projects: 8 , ERASMUS +: , 3 bilateral projects ; CEEPUS; JST SATREPS, VISEGRAD project, ... etc.

* MESTD RS – Ministry of Education, Science and Technological Development, Republic of Serbia



RESULTS OF SCIENTIFIC RESEARCH



Year	Citations
2011	155
2012	262
2013	275

INTERNATIONAL COLLABORATION

- signed bilateral agreements with numerous faculties from different universities – University of Banja Luka – BiH, University of Zenica - BiH, Central South University Chagsha - China, University of Science and Technology Beijing - China, University of Zagreb – Croatia, University of Genoa - Italy, University of Podgorica – Montenegro, University of Resita – Romania, University of Ljubljana – Slovenia, University of Istanbul – Turkey, University of Mining and Geology Sofia, Bulgaria, etc.)
- the cooperation in the field of scientific work with the University of Osaka - Japan, Masaryk University in Brno - Czech Republic, AGH in Krakow - Poland, the University of Paris – France, University of Miskolc - Hungary, Technical University in Ostrava – Czech Republic, EPFL Lausanne - Switzerland, etc.
- participation in several joint international projects
- the participation of our teachers as visiting professors at foreign universities,
- invited lectures of our teachers in foreign universities

Attendance in academic networks, RESITA Network on Entrepreneurship and Innovation, METNET etc.

Attendance in academic networks

RESITA Network on Entrepreneurship and Innovation,
METNET (Regional Metallurgical Network), Union of
the Technological and Metallurgical Faculties, etc.



SCIENTIFIC JOURNALS

Four journals are published by TFB:

- Journal of Mining and Metallurgy (since 1997 as an international journal)
 - Section A: Mining (national range)
 - Section B: Metallurgy (international range, from 2007 at the SCle list, from 2009 at JCR list IF (2018)=0.859,52/76 in the field of Metallurgical Engineering;
- Serbian Journal of Management (since 2006, national range)
- Recycling and Sustainable Development (since 2009, national range)



SCIENTIFIC MEETINGS

Every year, TF Bor organizes four scientific meetings (international conferences) :

- International October Conference on Mining and Metallurgy
- Ecological Truth ECO TER
- May Conference on Strategical Management
- Symposium on Recycling Technology and Sustainable Development



Thank you!

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