

**SEE- Award (name "Herman Potočnik – Noordung Award" proposed by MHEST) for
 Research Infrastructure Donations within the Framework of RTDI Collaboration
 with West Balkan Countries**

**Research Infrastructure needs
 - Application form for Scientific & Research Institutions from West Balkan Countries**

Section A – General information
A.1 Contact details
Name of applicant /(institution) Faculty of Agronomy
Legal status / Type of organisation: Science and Education Institution
Address (Street name, ZIP code, town): Cara Dusana 34, 32 000 Cacak
Telephone no.: ++381 32 303 400 Fax no.: ++ 381 32 303 401 e-mail: lekamg@tfc.kg.ac.yu web address/url: www.afc.kg.ac.yu
represented by (name of person <u>legally responsible</u>) Miroslav Spasojevic
Name of the contact person Leka Mandic
Address (if different from address stated above)
Telephone no.: Fax no.: e-mail: web address/url:
A.2 Applicant (Institution) profile (half page A4) The Faculty of Agronomy is a scientific and educational institutions within the University of Kragujevac. It was founded in 1978 having originated from the Agricultural College established on 27 September 1960. The Faculty educates graduates in three study areas: General Course (agronomists), Agricultural and Food Technology and Agricultural Management. The Faculty employs 61 people, including 6 full professors, 11 associate professors, 13 assistant professors, 7 .M. Sc., and 2 Research Associates . Until today, a total of 1093 students have graduated, 17 students have gained their specialist degrees, and 29 and 22 candidates have earned their M.Sc. and Ph. D. degrees, respectively, from the Faculty of Agronomy. The Faculty of Agronomy publishes a scientific journal Acta Agriculturae Serbica with international editorial board, subject to peer reviews which is being exchanged with 7 foreign and 12 local scientific journals. On an annual basis, the Faculty organises the Biotechnology Symposium and the Agriculture and Local Development Symposium, and Review of Scientific Papers of Agronomy Students with international participation is organised every second year. 150 different publications (monographs, textbooks, practice workbooks, handbooks, proceedings) have been published so far. Teachers and associates have participated in a number of international (3) and dozens of republic and regional research projects. The Faculty of Agronomy has established direct or University-mediated cooperation with 11 foreign universities (Moscow Timiryazov State Agrarian University, Agrarian University Plovdiv, Academy of Agriculture in Brno, Faculty of Agriculture in .Kestey (University of Westprem) etc. The Faculty of Agronomy teachers and associates have published several thousand scientific papers till now.

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<p>Section B – Description of the research infrastructure requirements/needs</p>
<p>B.1 Please list your research infrastructure requirements – the most urgent equipment you would need. Autoclave, thermostat, laminator, steriliser, centrifuge, shaker, magnetic mixer, turbidimeter, viscosimeter, binocular microscope ... SEM with EDS is required for investigations of morphology and structure of bio and other materials, coatings, electrochemical and chemical deposits. It can be also used in examinations of nanostructured magnetic and other materials.</p>
<p>B.2 Describe the relevance of the requested research infrastructure for the work of your institution and the potential impact of receiving the items listed above (B.1). The equipment is used for microbiological and biochemical analyses of soil, water, air, food, etc. Scanning electron microscopy SEM conducted with a JEOL.JSM 5300 supplied with EDS/QX 2000 S spectromete is required for investigations of morphology and structure of bio and other materials, coatings, electrochemical and chemical deposits. It can be also used in examinations of nanostructured magnetic and other materials.</p>
<p>B.3 Please indicate the potential users of the requested equipment. Faculty of Agronomy Cacak, Faculty of Engineering Cacak, Fruit Research Institute Cacak, Faculty of Science Kragujevac</p>
<p>B.4 Please describe the training needs of your institution related to the requested equipment For trainings of 3 to 5 days' duration</p>
<p>B.5 Please indicate if there is assistance needed with regard to the transportation and maintenance related to the requested equipment The assistance is needed.</p>
<p>B.6 Additional Comments</p>

Please fill in and return the form by email to the contact person in your country (Suzana.vojnovic@mntr.sr.gov.yu)

Place, date:

Signature and Stamp of applicant
