

## FACULTY OF TECHNOLOGY

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Application of ejector system to the vacuum dryer

Technology Transfer Facility Program, Republic of Serbia Innovation Fund

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The research team from the Faculty of Technology Novi Sad, with Zdravko Šumić, leader, Aleksandra Tepić Horecki, Anita Vakula, Senka Vidović and Branimir Pavlić, participants, implemented an innovative project entitled "Development of a prototype vacuum dryer with ejector system" (no. 1068). The project was realized in the framework of Technology Transfer Facility Program, Innovation Fund of the Republic of Serbia. The project budget was 20.000 €. Within the Project, the innovation of the application of ejector system on a vacuum dryer was successfully realized (Figures 1 and 2), which resulted in reduced costs of investment in equipment, exploitation and maintenance of the equipment compared to conventional vacuum dryers.



Figure 1. Vacuum dryer with ejector system



Figure 2. Dried fruit