



TEMPUS Huton

Genoa, 16. October 2014.

Laboratory Equipment

Edin Dolićanin
State University of Novi Pazar
Serbia

Novi Pazar



Zvaničan naziv: Grad Novi Pazar

Površina: 742 km²

Naselja: 99

Stanovništvo: 125 000

Geografski položaj: Jugozapadna Srbija

Religija: Pravoslavlje i Islam

Klima: Blaga kontinentalna

Godišnja visina padavina: 610 mm

Vremenska zona: UTC+1

Nadmorska visina: 600m

Najviši vrh: Golija - Jankov kamen 1833m



History

► 26th October 2006

SUNP was established by the decision of the government of Republic of Serbia.

► 26th November 2007

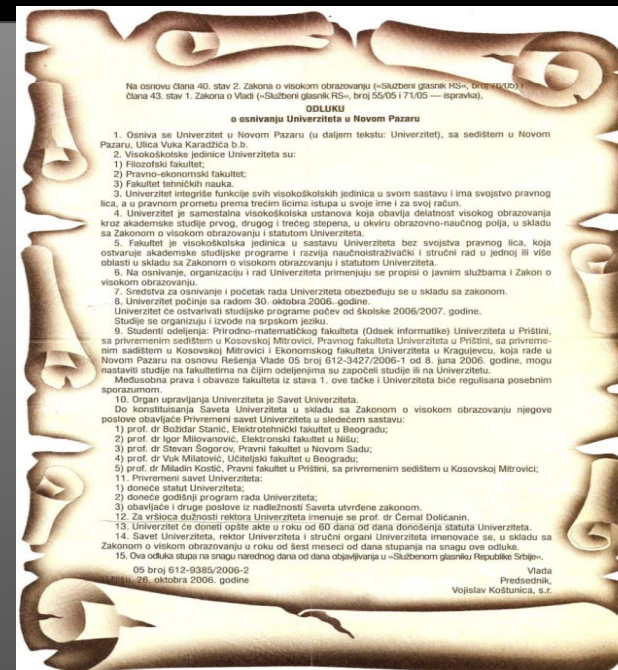
Accredited by the Ministry of Science for scientific research.

► 12th April 2008

The first integrated university in Serbia, accredited by the Ministry of Education.

► 10 departments and 55 study programs have been accredited to award bachelor, master and PhD programs.

► 4th May 2013 SUNP was re-accredited.



Departments		Study programs
1.	Department of Law	Law
2.	Department of Economy	Economy
3.	Department of Philological Sciences	Serbian Literature and Language
		English Language and Literature
4.	Department of Philosophical Sciences	Psychology
		Preschool Teachers
5.	Department of Mathematical Sciences	Mathematics
		IT and Mathematics
		IT and Physics
		Mathematics and Physics

Departments		Study programs
6.	Department of Technical Sciences	Arhitecture
		Civil Engineering
		Computer Engineering
		Audio and video Technology
7.	Department of Chemical – Technology Sciences	Chemistry
		Agricultural production
		Food technology
8.	Department of Bio-Medical Sciences	Biology
		Rehabillitation
		Sport
		Biotechnology

Departments		Study programs
9.	Department of Arts	Fine Art
10.	Multidisciplinary Studies	Management in High Education
		Energy Efficiency in Buildings
		Teacher of vocational subjects
		Energy efficiency, Renewable Energy Sources and Environmental Impact

Capacity nowadays



- Teaching staff 340
- Administrative-technical personnel 110
- Number of students (approximately) 4000
- Facilities 16 000 m²
- New multifunctional object 4000 m²
- Lecture theatres, classrooms, laboratories, library,

career centre, student café, parking, bank, book store

Laboratories

Energy efficiency
lab



Language
learning lab



Stem cell lab



Audio-video
technologies lab



Electro-Tech
lab



Electronic lab



Chemistry lab



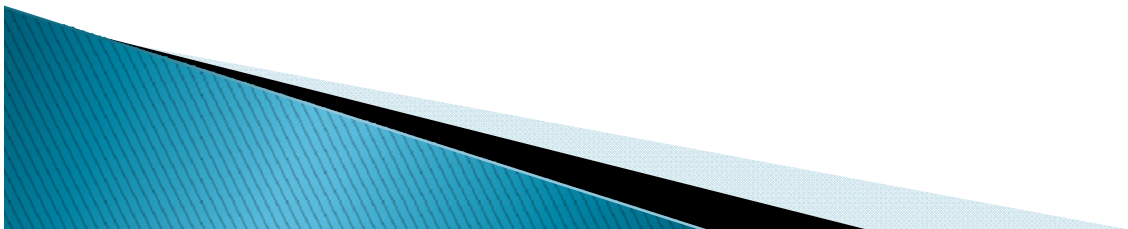
Biology lab



HUTON



- ▶ Introduction with HUTON project
- ▶ Equipping the labs
- ▶ WP 3

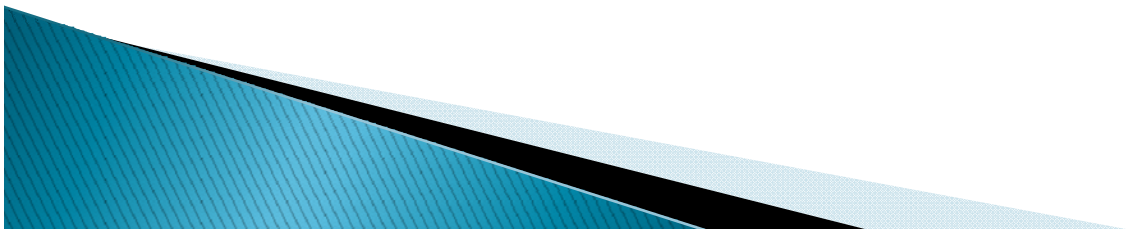


Project Plan



Lab equipment:

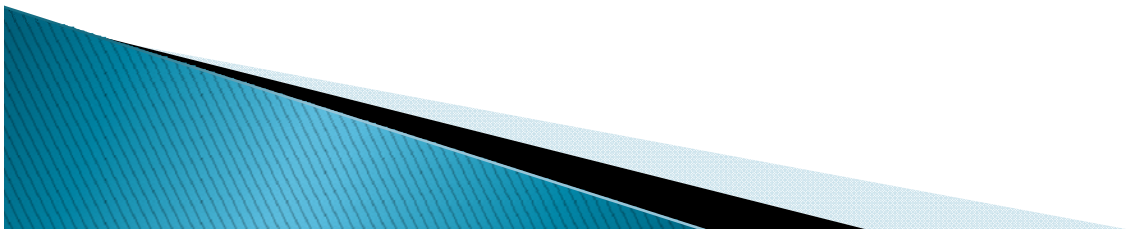
- ▶ Computer equipment support
- ▶ Software and hardware movement analyse
- ▶ Electric stimulation hardware
- ▶ Upper extremities robot
- ▶ Walking assistance
- ▶ Signal reception software/hardware



Upper extremities



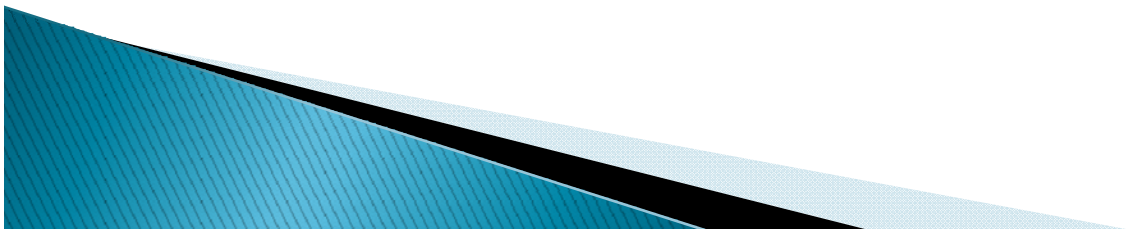
- ▶ Partners: UB, SUNP (2 x 5000 €)



Lower extremities



- ▶ Partners: UB, SUNP, UNS (3 x 5000)



Movement evaluation system

- ▶ Partners: UB, UNS (2 x 2000)



Ground reaction force assessment system

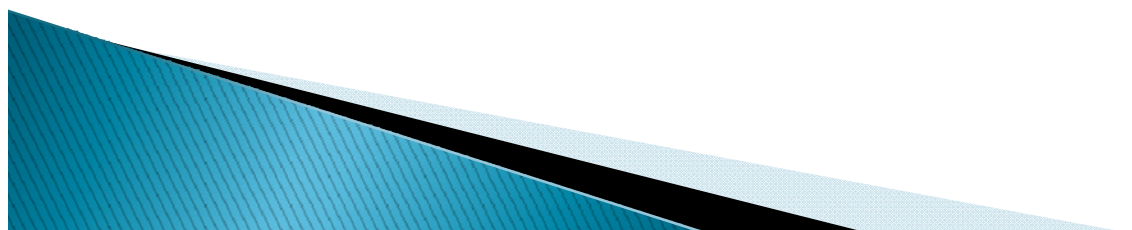
- ▶ Partners: UB, UNS (2 x 1 500€)



Sistem za povratnu informaciju



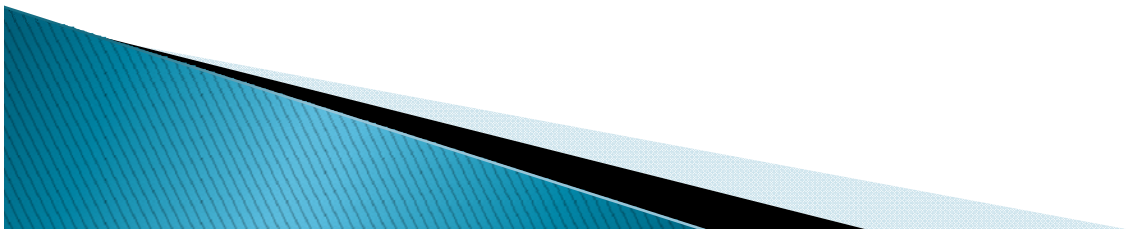
- ▶ Partneri: UB, UNS, DUNP (3 x 5000€)



Muscle stimulator



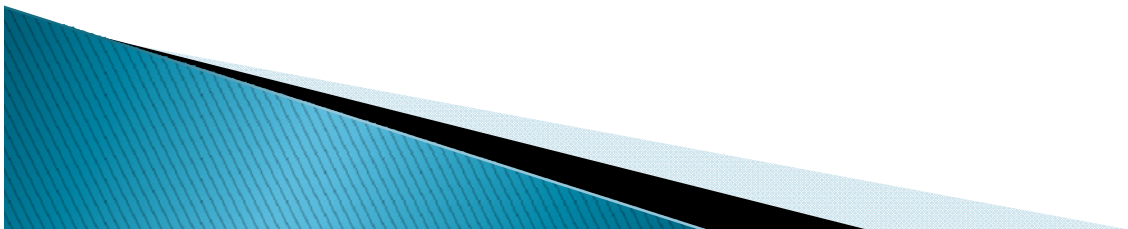
- ▶ Partners: DUNP (1 x 1250€)



DAQ device



- ▶ Partner: UNS (1 x 1100€)



Financial review (€)



Instruments	UB	UNS	SUNP
Arm/hand	5000	0	5000
Walking assistance	5000	5000	5000
Movement assessment	2000	2000	0
GRF system	1500	1500	0
Biofeedback	5000	5000	5000
DAQ and simulators	0	5000	2500
Muscle stimulators	0	0	1250
TOTAL	18500	18500	18500