WELGOME

TO



University of Novi Sad



Faculty of Technical Sciences



Department of Industrial Engineering and Management



SERBIA & NOVI SAD











FOUNDED in **1960**. STAFF: **4,900**

FACULTIES: 14 STUDENTS: 51,000+

LOCATED in 4 cities SPIN OFF COMPANIES: 140

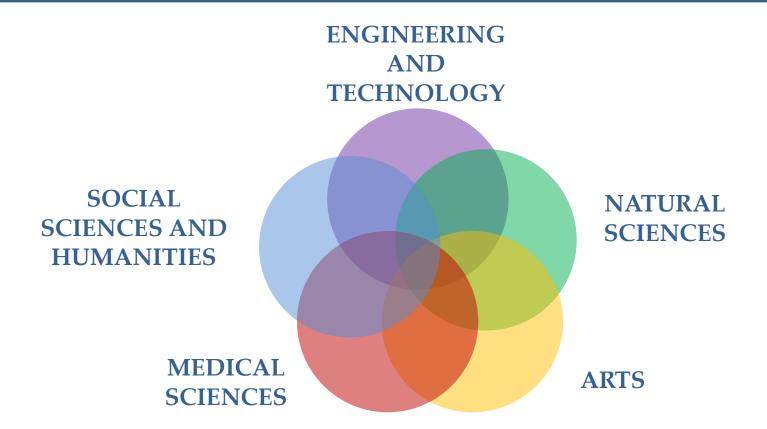
STUDY PROGRAMS: 373 SCIENTIFIC LABORATORIES: 250





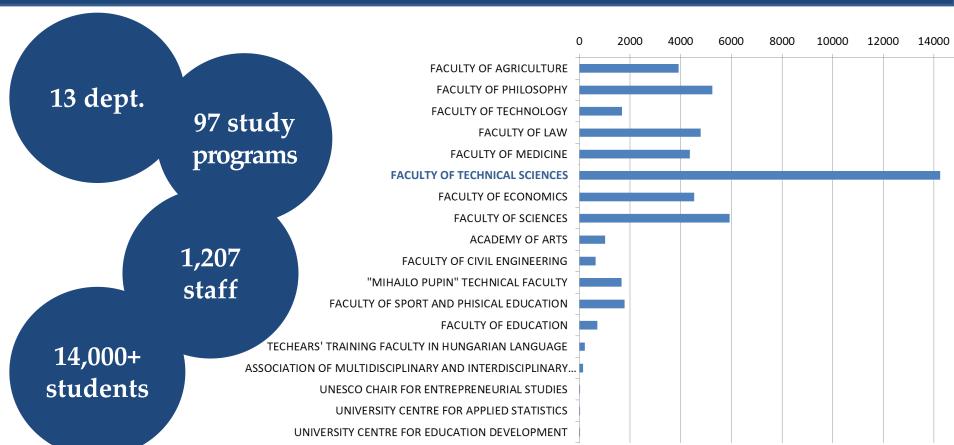
UNS - COMPREHENSIVE UNIVERSITY







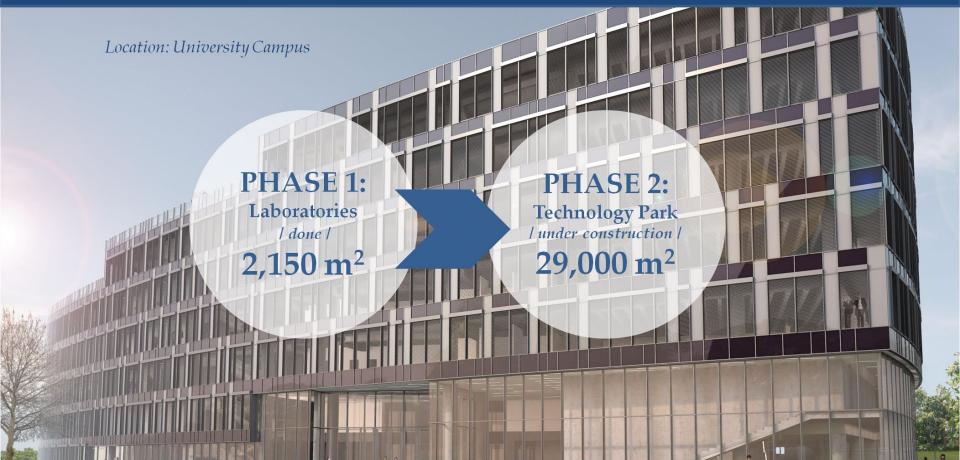






NEW SCIENTIFIC AND TECHNOLOGY PARK





MEMBERSHIP IN INTERNATIONAL EXCHANGE PROGRAMS FOR TEACHERS AND STUDENTS

- Erasmus Mundus Action 2: Basileus V
- Erasmus Mundus Action 2: JoinEU-SEE PENTA
- Erasmus Mundus Action 2: SIGMA AGILE
- Erasmus Mundus Action 2: ERAWEB
- Erasmus Mundus Action 2: SUNBEAM
- Campus Europae
- CEEPUS
- Ugrad
- DAAD
- Bilateral agreements
 - **ERASMUS +**



INTERNATIONAL COOPERATION

University of Novi Sad





- It was founded on May 18, 1960 as the Faculty of Mechanical Engineering.
- Faculty is accredited for conducting educational activities on
 90 study programes.
- Faculty comprises 13 departments, 10 administrative units and 33 research centers.
- Faculty counts over 14.000 students.









Departments:

- · Production Engineering
- Mechanization and Design Engineering
- Energy and Process Engineering
- Technical Mechanics
- Power, Electronic and Telecommunication Engineering
- Computing and Control Engineering
- Civil Engineering and Geodesy
- Traffic Engineering
- Architecture and Urban Planning
- Industrial Engineering and Management
- Graphic Engineering and Design
- Environmental Engineering and Occupational Safety Engineering
- Fundamental disciplines in Engineering









- The activities of the Faculty of Technical Sciences are threefold:
 - education,
 - research and development,
 - applied research.
- The Faculty of Technical Sciences offers education in four areas:
 - technology and engineering,
 - science and mathematics,
 - social sciences and
 - arts and fine arts.









Academic studies are organized as:

- Undergraduate academic studies (1st cycle studies)
 - last for 4 years (at least 240 ECTS)
- Master academic studies (2nd cycle studies)
 - depending on the study program last for 1 year (at least 60 ECTS) or 2 years (120 ECTS)
- Specialist academic studies (2nd cycle studies)
 - last for 1 year (at least 60 ECTS) or 1.5 year (worth 90 ECTS)
- Doctoral academic studies (3rd cycle studies)
 - last for 3 years and are worth at least 180 ECTS





Professional studies are organized as:

- Undergraduate professional studies (1st cycle studies)
 - last for 3 years (at least 180 ECTS)
- Specialist professional studies (2nd cycle studies)
 - last for 1 or 2 years and are worth at least 60 to 120 ECTS
- ► International professionally oriented master studies (2nd cycle studies) Master of Business Administration MBA
 - last for 2 years and are worth at least 120 ECTS





- Current research and academic activities are based around 55 international cooperation projects (TEMPUS, CEEPUS, WUS, CARDS, FP7, EUREKA!, COST, H2020, ERASMUS+) and 120 national scientific projects financed by the Ministry of Education, Science and Technological Development of the Republic of Serbia and the The Provincial Secretariat for Higher Education and Scientific Research of the Autonomous Province of Vojvodina + 102 mobility projects.
- The Faculty publishes seven international journals and organizes 16 scientific and professional conferences on various aspects of engineering.



FACULTY OF TECHNICAL SCIENCES APPLIED RESEARCH



110

knowledge transfer contracts

200

spin off companies









- Founded on the basis of industry needs in late 60's as Chair for Organization and work improvement
- Became Institute of Industrial Systems at 80s
- Founded first Center Research-Technology Center
- Upgraded to Department of Industrial Engineering and Management at 1999



DEPARTMENT IN NUMBERS





Department



3840

Graduate engineers



Study programs

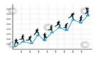


1705

Masters engineers



Chairs



Masters of Science





Laboratories



135 PhDs



Empoleyees



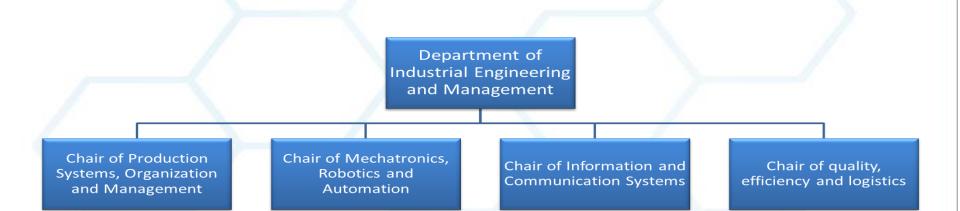
176 MBAs







ORGANIZATION OF DIEM













- Research-Technology Center
- Industrial Cluster Development Center
- Cisco Entrepreneurship Institute
- Product Development and Management Center
- Lean Thinking Center
- Product Lifecycle Management Center
- Identification Technologies Center
- Financial Engineering Center
- Human Resources Management Center
- Controlling Center







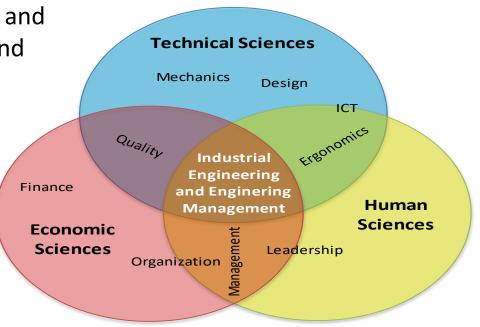
- Laboratory for Production and Assembly Systems
- Laboratory for Production Systems Management
- Laboratory for Education technologies
- Laboratory for Media Systems
- Laboratory for Catastrophic Risk Management
- Laboratory for automation and programmable logic controller
- Laboratory for Robotics and Mechatronics
- Laboratory for Recording and Analysis of Motion
- Laboratory for Intelligent Systems and AI
- Laboratory for Computer Integrated Systems
- Laboratory for Service Engineering
- Laboratory for Information-Communication Systems
- Laboratory for Information Systems Engineering
- Laboratory for Quality, Effectiveness and Logistics



FIELDS OF STUDY

Department of Industrial Engineering and Management is a unique scientific and research space in which have been studied:

- engineering,
- organizational,
- managerial and
- economic discipline.





STUDIES

- Academic:
 - Bachelor
 - Master
 - PhD
- Professional:
 - Specialistic
 - International MBA

STUDIES @ DIEM

MODULES



- Bachelor Studies:
- Industrial Engineering
- Engineering Management
- Mechatronics
- Information Systems Engineering
- Master Studies:
- Industrial Engineering
- Engineering Management
- Mechatronics
- Information Systems Engineering
- Advanced Engineering Technologies
- PhD:
- Industrial Engineering/Engineering Management
- Mechatronics

Industrial Engineering:

- Design Control and Systems Organisation
- Systems Automation
- Information and Communication Systems
- Quality and Logistics

Engineering Management:

- Enterprise Organisation and Management
- Innovations and Entrepreneurship
- Project Management
- Investment Management
- Information Management
- Quality and Logistics Management
- Risk Management and Insurance
- Industrial Marketing and Media Engineering
- Human Resources Management

INTERNSHIPS



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SCIENTIFIC AND RESEARCH ACTIVITIES

 Current scientific and research activities are based around 13 Scientific and Research Centers, which conducted 41 International Projects (4 ongoing), 54 national scientific projects financed by the Ministry of Education, Science and Technological Development of the Republic of Serbia (12 ongoing), 130 Projects with industry (10 ongoing) and 311 Consultancies for Industry Enterpises.





SCIENTIFIC AND RESEARCH ACTIVITIES

 The Department publishes one international journal and organizes 3 permanent International scientific and professional conferences on various aspects of Engineering Management.

Volume 1 - Number 1 1885-2217-2461 2019	Volume 1 Number 1 155N 2217-2461 2010	Volume 1 Number 1 155N 2217-2461 2010	Volume 1 Number 1 155N 2217-266 2010	Volume 1 Number 1 ISSN 2217-2461 2010
International Journal of INDUSTRIAL ENGINEERING AND MANAGEMENT	INEERING AGEMENT	INEERING AGEMENT	AGEMENT	national Journal of GINEERING VAGEMENT
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EUROBOT 2019

o 1st prize in EUROBOT 2019, France













THANK YOU FOR YOUR ATTENTION





