



FACULTY OF ENGINEERING
DEPARTMENT OF CHEMICAL ENGINEERING

INTRODUCTION TO CHEMICAL ENGINEERING CEN 101

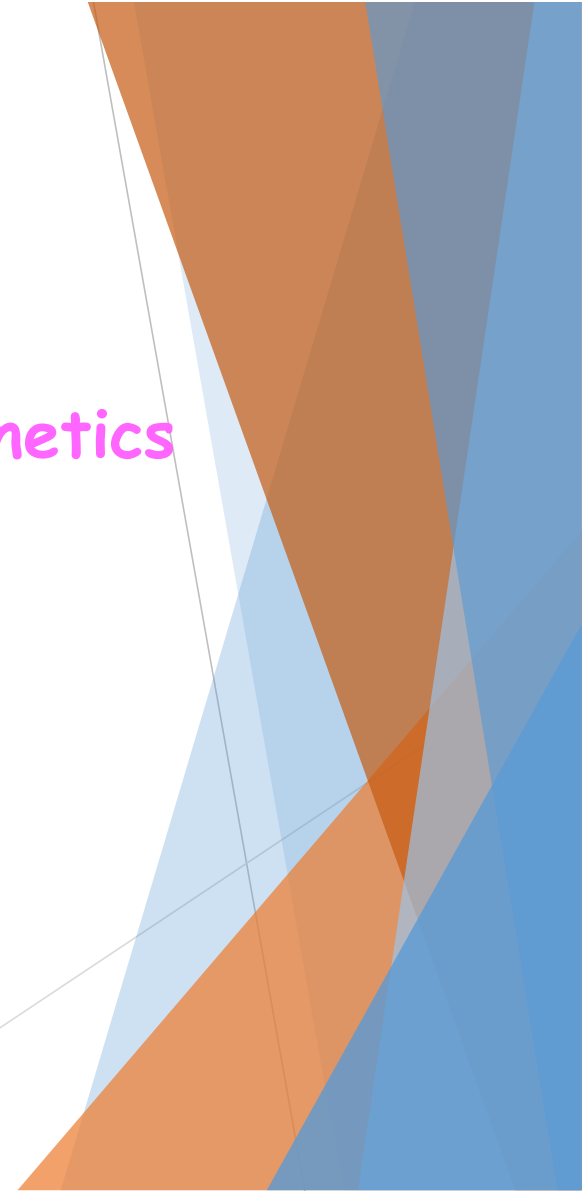
Assoc.Prof.Dr. Hakan KAYI

RESEARCH FIELDS

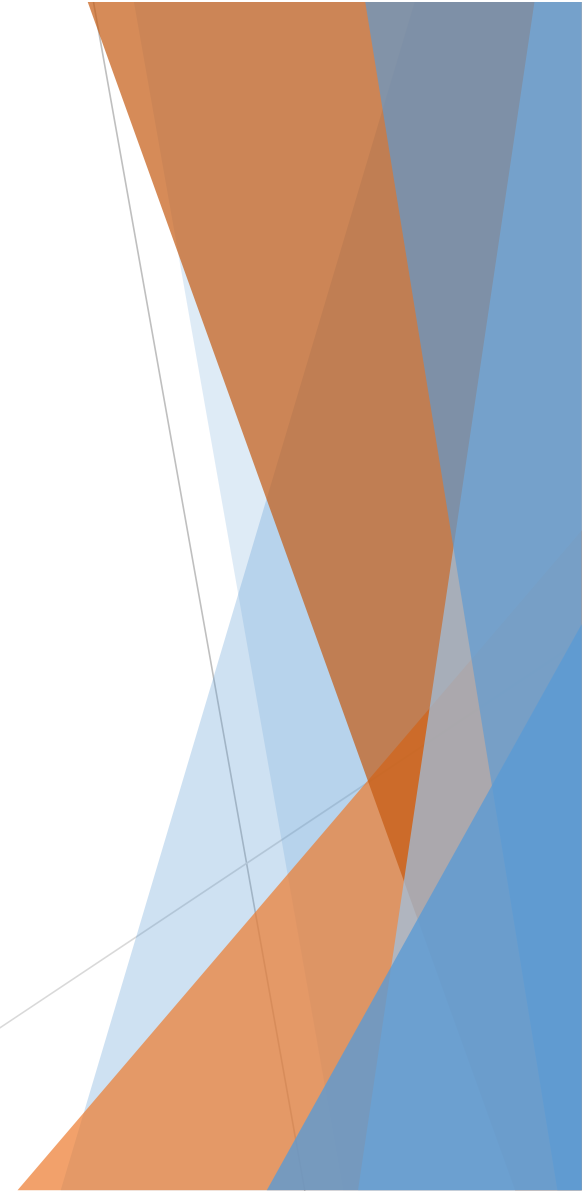
- **Process/Bioprocess Development**
- **Seperation Processes**
- **Homogeneous & Heterogeneous Reaction Kinetics**
- **High Temperature Kinetics**

- **Biochemical Engineering**
- **Genetic Engineering**
- **Tissue Engineering**

- **Computational Chemical Engineering**



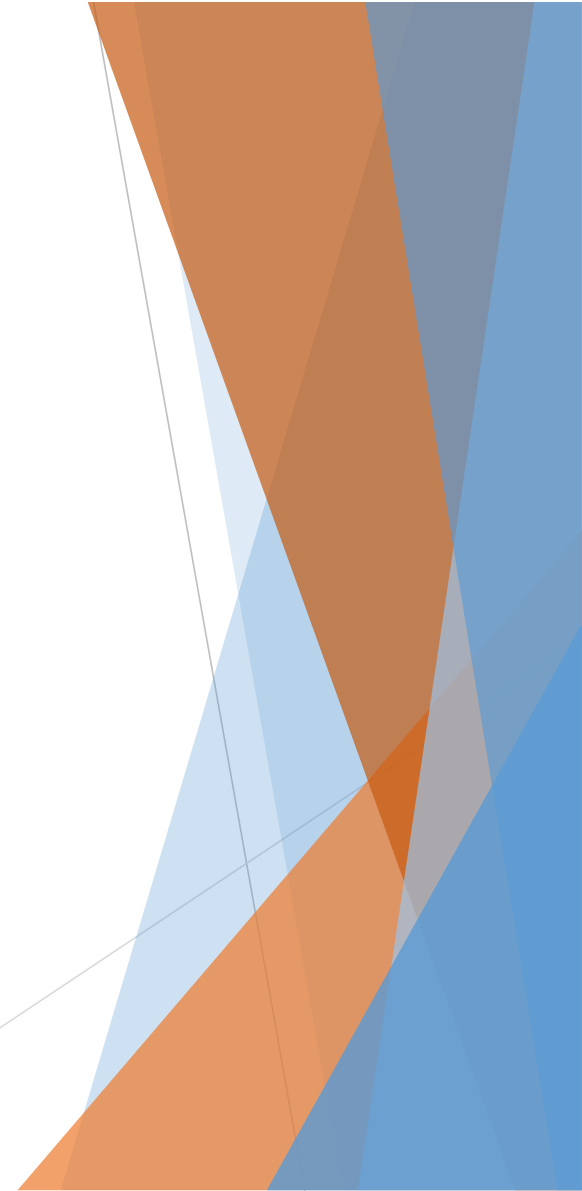
- Particle Technology
 - Nanotechnology
 - New Materials/Technologies
 - Biomaterials Science & Technology
 - Supercritical Fluid Technology
 - Porous Materials and Membranes
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- Process Simulation & Control
 - Optimization
 - Process Systems & Control Applications
 - Computer Aided Design
 - Evaluation of Industrial Wastes



UNIT OPERATIONS LABORATORY



COMPUTER LABORATORY



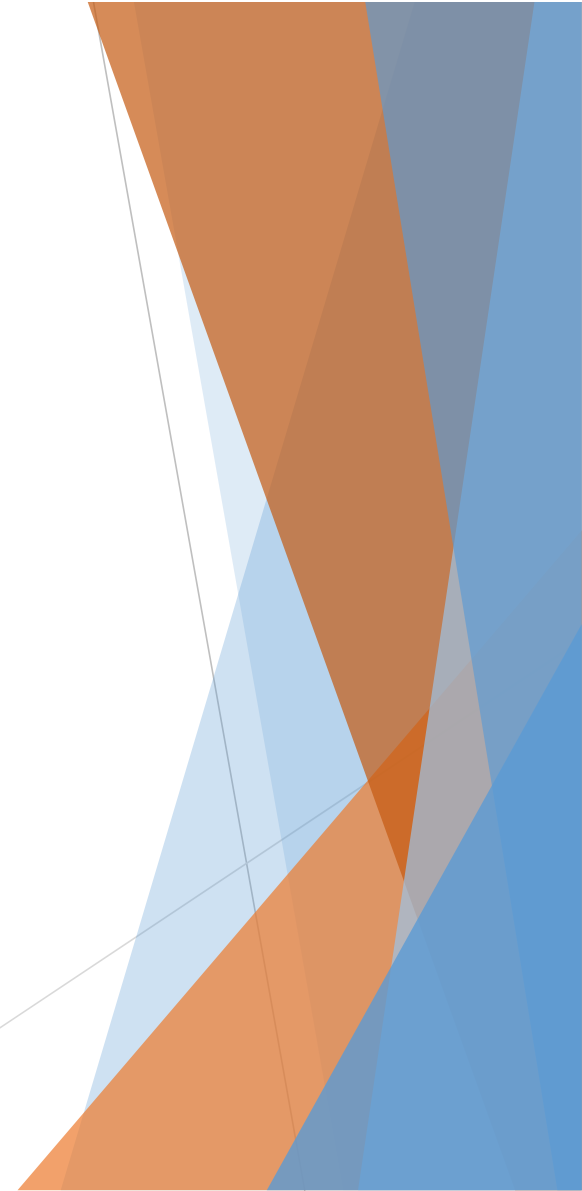
CHEMICAL ENGINEERING LAB II INSTRUMENTAL ANALYSIS LAB



Process Control Laboratory



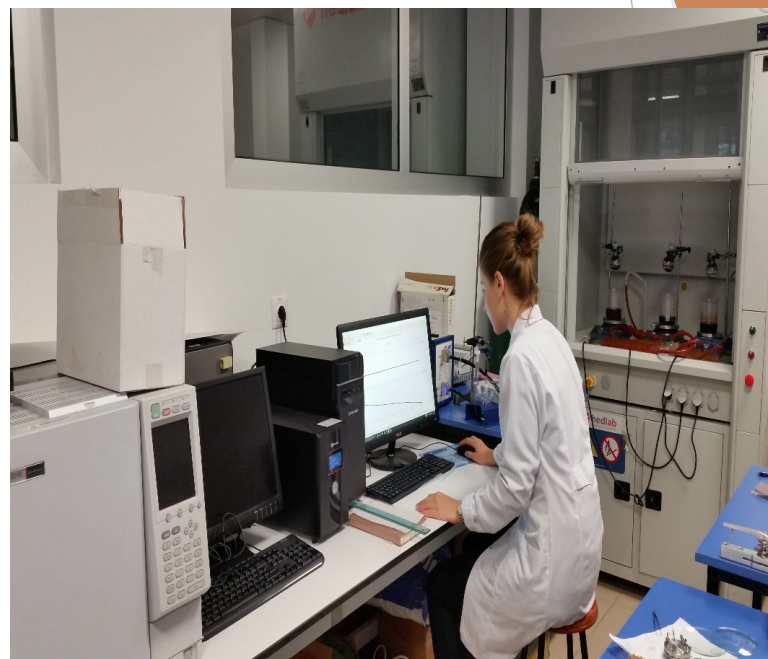
BIOPROCESS RESEARCH LAB II



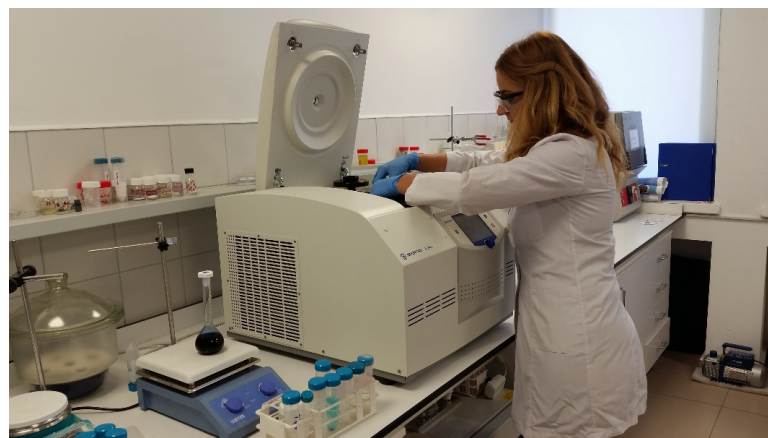
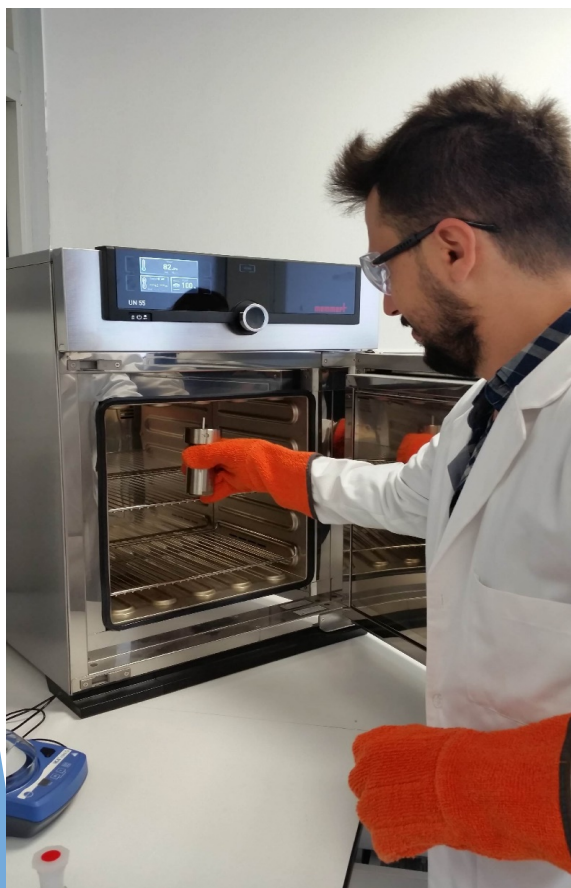
ATEKLAB (Anorganic/Organic Research & Technology Development Lab)



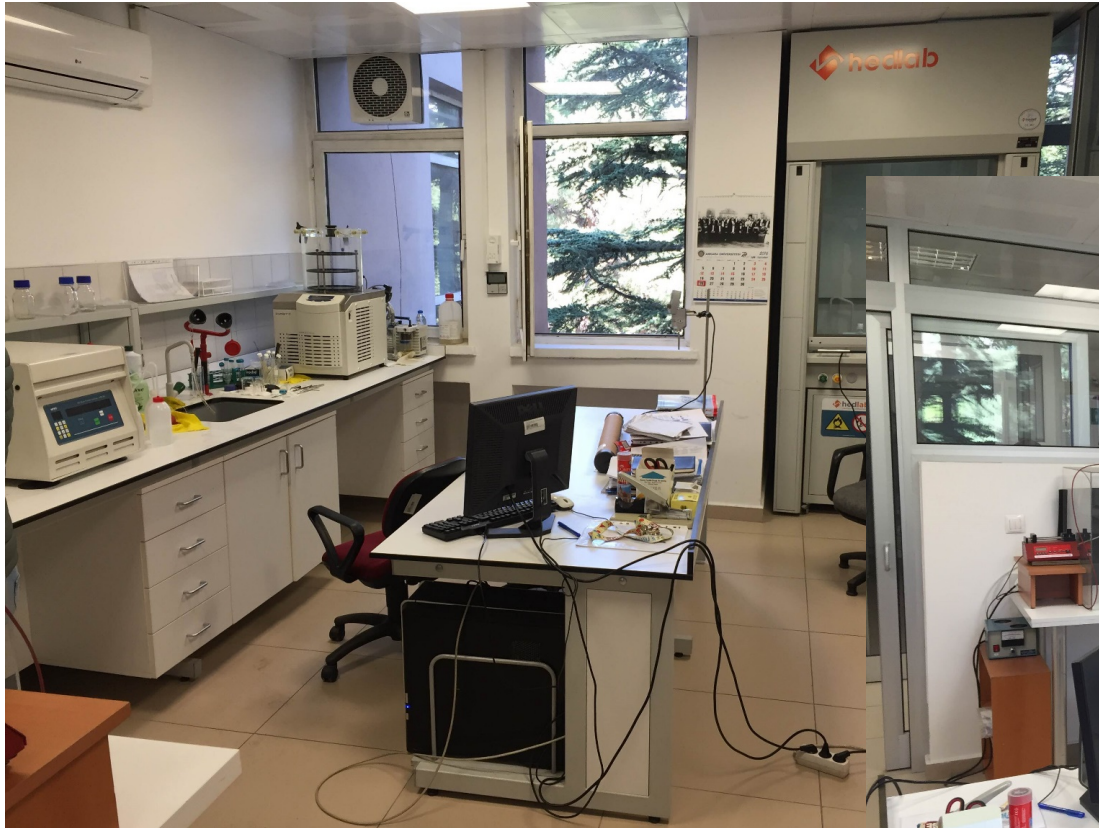
Nanotechnology Lab II



Porous Materials & Membrane Research Lab



BIOMATERIALS SCIENCE & ENGINEERING LAB (BSEL)



CELL & TISSUE CULTURE LAB

