

**itü**



## ***PROJECTS IN 2016***

## Completed Research Projects

1. "Acid Removal from Emet Colemanite Ore by Heat Treatment and Enriched Calcined Powder Colemanite", (BOREN-2014-Ç0426), Boren project
2. "Development of High Field Severe Age Magnetic Separator with Natural Magnets" SANTEZ Project
3. "Coating of Calcite with TiO<sub>2</sub> Pigment and Development of a Functional Material for Use in Water Based Paints", TUBITAK-1005
4. "Effect of Grain Roughness on Flotation", ITU BAP PhD
5. "The Effect of Physical and Chemical Pretreatments on Lateritic Nickel Ores on Atmospheric Leaching", ITU BAP PhD

## Ongoing Research Projects

1. "Determination of Rare Earth Element Potential in South Anatolian Torid Belt Residual Formations", TUBİTAK-1001
2. "High Quality Nanofiber Production from Fiber Structured Sepiolite and Afn Supported Investigation of Clogging Control Performance in Lb Nanofiber Coated Ultrafiltration Membranes" TUBİTAK 1001 Research Project
3. "The effect of grain morphology on flotation", TUBİTAK 1001
4. "Acquisition of Chromite from Chromite Facility Slams by Magnetite Coating and Transport Mechanism", ITU BAP
5. "Production and Characterization of Clogging Controlled Sepiolite Clay Added Polysulfone Membranes", İTÜ BAP (A TYPE PROJECT)
6. "Development of a Versatile Self-Repairing Nanocomposite and Investigation of Mechanical Behaviors as Armor Material (Tübitak-1001-115R017, 01/10/2015 - 01/10/2017)"
7. "Development of Adsorbent from Mineral Wastes in Wastewater Cleaning", ITU BAP PhD
8. "The Effect of Recycling Water on Flotation", ITU BAP
9. "The effect of different waters in chalcopyrite flotation", ITU BAP Y. Undergraduate
10. "Enrichment of Konya İnlice Refractory Gold Ores" İTÜ BAP Y. Undergraduate
11. "Development of Turkey Red Bed Type Copper Deposits of Technologies for New Enrichment Assessment and Investigation of Applicability"
12. "Acquisition of Gold and Silver from Jeweler Slag by Alternative Physicochemical Methods to Cyanuration", Scientific Research Project, Scientific Research Projects Unit (ITU BAP)

## **Completed Industrial Projects**

1. "Recovery of Precious Metals from the Jewelry Wastes by Physical Enrichment Methods", ITU Mining Faculty Foundation Economic Enterprises
2. "Investigation of Possibilities of Using Marble as Raw Materials in Different Sectors in order to Bring Marble Production Residues to the Economy", ITU Faculty of Mining Foundation Economic Enterprises
3. "Evaluation of Leaded Region Bentonites" ITU Revolving Fund Project
4. "Technological Research Project on the Purification of Izmir Karaburun Region Killers from Coal and Iron" ITU Mining Faculty Foundation Economic Enterprises
5. "Removal of Clay in Diatomite Ore by Flotation or Centrifuge Method"
6. "Recovery of Iron from Iron Slag"

## **Ongoing Industrial Projects**

1. "Characterization and Enrichment of Nevşehir Region Sodium and Potassium Nepheline Syenites and Vollastonite Ore", İTÜ Mining Faculty Foundation Economic Enterprises