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## ***PROJECTS IN 2013***

## Completed Research Projects

1. "Development of Rheological Additives", (00832STZ.2011-1), ITU / Kalekim Joint project, San-Tez
2. "Improving the Usability of Boron as Filler and Additive in Exterior Paints", (BOREN-2011-Ç0282), Boren project
3. "Development of Antimicrobial Fiber Structured Sepiolite Fibers" Project Manager", ITU Scientific Research and Development Support Program Projects (A TYPE PROJECT)
4. "Investigation of the Recovery of Abrasive Garnet Used in Historical Restorations with Mineral Processing Methods" TÜBİTAK 2209 University Students Integrated Industrial Research Projects

## Ongoing Research Projects

1. "Investigation of Industrial Usability of Silica Sand to be Obtained from Alacaağzı and Pollution Sandstones and Development of Prototype Process Manufacturing" TÜBİTAK-TEYDEP 1501 Project, No: 2130623, Project Consultancy and R&D Studies are carried out by our Department.
2. TUBİTAK-TEYDEP 1511 Project, No: 1120080, Project Consultancy and R&D Studies are carried out by our department.
3. "Dry Enrichment of Turkish Coals", TUBİTAK 1007 KAMAG, ITU / TKI Joint Project, 2010-2013,
4. "High Quality Nanofiber Production from Fiber Structured Sepiolite and AFM Supported Investigation of Clogging Control Performance in LB Nanofiber Coated Ultrafiltration Membranes" (Project No: 113 M 462)
5. "Development of High Field Severe Age Magnetic Separator with Permanent Magnets", SANTEZ Project
6. "Recovery of Precious Metals in Computer Motherboards Covered by Electronic Waste", İTÜ BAP
7. "Substitution of TiO<sub>2</sub> Used in Water Based Paints with Precipitated Calcium Carbonate (PCC)", İTÜ BAP
8. "Investigation of Electrochemical Properties of Antibacterial Sepiolite NanoLifs", Scientific Research and Development Support Program, Program for Supporting Postgraduate Theses
9. "Biotechnological Applications in Gold Mining Sector", ITU Scientific Research and Development Support Program, Postgraduate Thesis Support Program Projects
10. "Enrichment and Dewatering of Coal Coals (-0.5 mm) Produced in TKİ Lavvars", ITU Scientific Research and Development Support Program, Support Program for Postgraduate Theses
11. "The Effect of Various Contributions in Powder Injection Molding Method in Ceramic Production", ITU Scientific Research and Development Support Program, Program for Supporting Postgraduate Theses

## **Completed Research Projects**

1. "Physical Characterization of Garbage Ore from Anagold Madencilik A.Ş.", Anagold Madencilik A.Ş., İTÜ Revolving Funds
2. "Enriching Process Waste of Ankara-Haymana Manganese Enrichment Facility with Jerky Table", Türk Mangan A.Ş., İTÜ Revolving Fund,
3. "Enrichment of Different Chrome Ores and Creating Process Flow Charts", MADKİM Maden ve Kimya Sanayi ve Tic. Ltd.Şti., İTÜ Revolving Funds
4. "Technological Research Project on Determination of Washable Properties of HEMA Amasra Region Coals", İTÜ Revolving Funds
5. "Investigation of K-Feldspar Recovery Opportunities from Feldspar Ore of Eskişehir Project", Başat Maden Petrol Enerji Danışmanlık San. ve Tic. A.Ş., İTÜ Revolving Funds
6. "Characterization and Casting Properties of Clays of Aykon Company", İTÜ Revolving Funds
7. "R&D Study on Mineralogical Survey of Iran's Mount Lar Phosphate Ore", İTÜ Revolving Funds

## **Ongoing Research Projects**

1. "Acquisition of Copper, Lead, Zinc, Gold and Silver in Gümüştaş Ores", GÜMÜŞTAŞ A.Ş., Teknokent Project
2. "Investigation of Chrome Concentrate Recovery Opportunities Project", Mintek Maden San. Tic. Inc. On behalf of the Foundation for the Development of Dormitory Mining