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PROJECTS IN 2011

Completed Research Projects

1. "Turkey Technological Products Acquisition of Bentonite", TUBİTAK TRA Project, MAM / MTA / İTU Joint Project
2. "Sepiolite Additive Nanocomposite Production and Control of Production Processes with MD Simulation Supported AFM Measurements", TÜBİTAK 1001 Project (108M244)
3. "Sepholyte-Added Nanocomposite Production and Measurement of Interactions Between Surfaces under Atomic Force Microscopy and Supporting Findings with Molecular Dynamic Simulation", İTU BAP Project
4. "Investigation of the Use of Fiber Structured Sepiolite Fibers in Sensor Technology", TÜBİTAK 1002 Project (111M026)

Ongoing Research Projects

1. "Dry Enrichment of Turkish Coals", TÜBİTAK 1007 KAMAG, İTU / TKİ Joint Project, 2010-2013
2. "Recovery of Copper from Used Electrical Cables" (İTU-BAP Project)
3. "Production and Characterization of Water-Based Road Marking Paint from Domestic Raw Materials to Meet the Needs of Istanbul", İTU-Istanbul Metropolitan Municipality

Completed Research Projects

1. "TKİ Coal Gasification Pilot Plant Establishment"
2. "Enrichment of Antimuan Pasa and Slag in Kütahya Region", Metek Ltd. Sti.
3. "Enrichment of Manganese Ores in Hakkari Semdinli Region by Gravimetric Methods", Özel Elektrolitik Bakır Mamulleri San. Ve Tic. A.Ş, İTÜ Revolving Fund
4. "Enrichment of Chrome Ores in Hakkari Yüksekova Region by Gravimetric Methods", Özel Elektrolitik Bakır Mamulleri San. Ve Tic. A.Ş, İTÜ Revolving Fund
5. "Technological Studies for Different Product Production on Sandstone Samples of Alacağzı Area", Hema Endüstri A.Ş., İTÜ Revolving Fund Project
6. "Investigation of Grinding Characteristics of Pozantı Chrome Ore in Rod and Ball Mills", Güney Kromları Madencilik San. ve Tic. A.Ş, on behalf of İTÜ Revolving Fund, Research Project,
7. "Enrichment of Leonardite; Development of Age Methods for Removal of Ash-forming Minerals and Especially Silica Containing Impurities ", Kütahya Kimya, İTÜ Revolving Fund Project
8. "Technological Studies for Different Product Production on Sandstone Samples of Alacağzı Area", Hema Endüstri A.Ş., İTÜ Revolving Fund Project
9. "Enrichment of Seydişehir Bauxite Ore", Eti Alüminyum A.Ş.
10. "Characterization and Enrichment of Sivas Region Chrome Ore Under -1.0 mm Size", Dost Madencilik Ltd. Ltd. Şti, İTÜ Revolving Fund Project
11. "Enrichment of Kilis Manganese Ore", ADO Mining
12. "Chrome Ore Enrichment Project", ŞETAT Madencilik-YMGV
13. "Magnetite Enrichment Project from Chrome Waste", AMR Madencilik-YMGV

Ongoing Research Projects

1. "Development of Rheological Additives", (00832STZ.2011-1), İTÜ / Kalekim Joint project, San-Tez
2. "Improving Boron Usability as Filler and Additive in Exterior Paints", (BOREN-2011-Ç0282), Boren project
3. "Investigation of the Washability of BLI Keles and Deaf Sector Coals", TKİ
4. "Possibilities of Using PCC Mineral in a Typical Water Based Paint Recipe and Substitution Possibilities with Minerals such as TiO₂, Calcite and Calcined Kaolin", Adaçal Endüstri Minerals Sanayi ve Ticaret AS,