

Journal of Science and Applicative Technology  
Institut Teknologi Sumatera

---

<b>Table of Content</b>	<b>Page</b>
DESIGN OF E.COLI SYSTEMS AS IRON WASTE BINDERS FOR WASTEWATER TREATMENT USING SYNTHETIC BIOLOGY APPROACH	1 - 7
DIVERSITAS DAN POTENSI PAKAN BURUNG PANTAI DI KAWASAN PANTAI BARU, KABUPATEN DELI SERDANG SUMATERA UTARA <i>Nurul Husna Siregar, Erni Jumilawaty</i> .....	8 - 15
UJI AKTIVITAS ANTIBAKTERI EKSTRAK BUAH <i>Rivina humilis</i> L.TERHADAP <i>Klebsiella pneumoniae</i> DAN <i>Escherichia coli</i> <i>Mariyam, P. Santoso, Chairunnisa</i> .....	16 - 22
ANALISIS KINERJA HIGH PRESSURE HEATER (HPH) TIPE SHELL AND TUBE HEAT EXCHANGER <i>Devia Gahana Cindi Alfian, Didik Supriyadi</i> .....	23 - 33
APLIKASI METODE VDI 2222 PADA PROSES PERANCANGAN ALAT BANTU PERAKITAN FOUR WAY ENTRY PALLET <i>Melati Kurniawati, Rispianda, Pripurwa Mochamad Dzakraa</i> .....	33 - 44