

**Room : Meeting Room 12 at 5th floor**

**MEST Parallel Session**

**Moderator : Nugroho, Munajat Tri**

No	Time	Paper ID	Authors	Title
12.1	12:30	16-977	Farizal, Reno Wibawanto, Rahmat Nurcahyo	LAYOUT OPTIMIZATION OF GAS COMPRESSION STATION EQUIPMENT WITH BRANCH AND BOUND ALGORITHM
12.2	12:40	13-976	Aris Widyo Nugroho, Harini Sosiati, Purna Wijongko	THE FABRICATION AND CHARACTERIZATION OF ELECTROSPUN PVA-SNAIL MUCIN NANOFIBER MEMBRANE
12.3	12:50	13-1035	Prantasi Harmi Tjahjanti, Rachmat Firdaus	UTILIZATION OF GRAPHITE BARS ON USED BATTERIES BECOME COATING MATERIAL FOR STEEL
12.4	13:00	16-974	Dwi Hadi Sulistyarini, Putu Hadi Sulistyarini, Purnomo	ANALYSIS OF STRUCTURAL DISCIPLINE WELDING DISABLES IN SAUDI ARAMCO PROJECT USING STATISTICAL PROCESS CONTROL IN PT.
D1	13.10	-	Discussion	Discussion
12.5	13:30	15-973	Hamdan Hassan	INVESTIGATION OF THE EFFECTS OF SUB-BITUMINOUS COAL WITH NEW FORMULATED COAL ADDITIVES USING 150KW COMBUSTION TEST RIG.
12.6	13:40	13-972	Martijanti	BAMBOO FIBER, FABRICATION OF BAMBOO FIBER COMPOSITES – MATRIX AND CHARACTERISTIC OF MECHANICAL PROPERTIES- A REVIEW
12.7	13:50	16-970	Sumar Hadi Suryo, Rachmat Suryadi Sastra, Muchammad, Harto	OPTIMIZATION OF BUCKET TOOTH EXCAVATOR DESIGN USING TOPOLOGY OPTIMIZATION AND FINITE ELEMENT METHOD
12.8	14:00	14-969	Dicgorry Nafiscatoha, Nelson Saksono	TECHNO-ECONOMIC OF CNG & GTG TECHNOLOGY APPLIED IN GAS FLARE MANAGEMENT ON EARLY PRODUCTION
D2	14.10	-	Discussion	Discussion
12.9	14:30	13-968	Devita Cahyani Varin Arifin, Desi Indriyani Saragih, Sri Juari Santosa	ANTIBACTERIAL ACTIVITY OF SILVER NANOPARTICLES SYNTHESIZED USING TYROSINE AS REDUCING AND CAPPING AGENT
12.10	14:40	13-966	Kholqillah Ardhian Ilman, Ngafwan	PRELIMINARY STUDY ON THE PHASE TRANSFORMATION OF TI-3MO APPLYING SOLID SOLUTION TREATMENT FOR BONE IMPLANT APPLICATION
12.11	14:50	16-958	Zainon Mat Sharif	DESIGN OF THE SEMI-AUTOMATED MACHINE FOR CREPE: INNOVATION AND PROSPECT
12.12	15:00	13-956	Purnomo, Putu Hadi Setyarini, Dwi Hadi Sulistyarini	CHARACTERIZATION OF SPECIFIC ESSENTIAL WORK OF FRACTURE FOR VARIOUS FRACTURE MODES ON THERMOPLASTIC MATERIALS
D3	15.10	-	Discussion	Discussion
12.13	15:30	13-1042	Putu Hadi Setyarini, Slamet Wahyudi , Purnomo	INFLUENCE OF ANODIZING PROCESS ON TENSILE STRENGTH AA 6061 T6

No	Time	Paper ID	Authors	Title
12.14	15:40	14-1044	Syaiful, M. Ilham Maulana, Nazarudin Sinaga	NUMERICAL ANALYSIS OF FLOW FIELD IN VERTICAL WIND TURBINE AT FREE-STREAM TURBULENCE REGION
12.15	15:50	14-1045	Nazaruddin Sinaga, Maizirwan Mel, R. Bagus Suryasa Majanasastra, Aji Digdoyo	ENHANCEMENT OF M15 ENGINE PERFORMANCE BY THE ADDITION OF PROPYLENE GLYCOL
12.16	16:00	14-1046	Sukmaji Indro Cahyono	THE STUDY OF THE PERFORMANCE SAVONIUS WIND TURBINE BLADE DESIGN INTEGRATED ON THE DOOM ROOF TYPE BUILDING.
D4	16:10	-	Discussion	Discussion
12.17	16:30	17-1048	Achmad Widodo, Mochamad Soleh, Toni Prahasto	DEVELOPMENT OF ALARM PREDICTION SYSTEM FOR MONITORING STEAM TURBINE BASED ON SCADA DATA
12.18	16:40	13-1051	Sulaiman Thalib, Nurdin Ali, Husni, Frendy Imanuddin	SURFACE FRACTURE OF POLYESTER/ARECA NUT FIBER COMPOSITE UNDER IMPACT AND TENSILE LOADING
12.19	16:50	16-957	Zainon Binti Mat Sharif	DESIGN OF SEMI-AUTOMATED FILLING MECHANISM FOR MULBERRY JUICE: INNOVATION AND PROSPECTS
12.20	17:00	13-965	Agung Setyo Darmawan, Agus Yulianto, Masyrukan, Pramuko Ilmu Purboputro	EFFECT OF MAGNESIUM ADDITION ON SHEAR YIELD STRENGTH, MODULUS OF RUPTURE AND MODULUS OF RIGIDITY OF NODULAR CAST IRON
D5	17:10	-	Discussion	Discussion
12.21	17:30	13-971	Agus Yulianto, Soenoko, Wahyono Suprpto, As'ad Sonief, Agung Setyo Darmawan	EFFECT OF FLAME HARDENING ON HARDNESS AND WEAR RATE OF FERRO CASTING DUCTILE SOLIDIFICATION IN PERMANENT MOLD
12.22	17:40	13-1036	Tri Tjahjono, Tri Widodo Besar Riyadi	IMPROVING THE PROPERTIES OF THE PISTON SURFACE BY OPTIMIZED NITRIDING PARAMETERS
12.23	17:50	16-1047	Hamid Abdillah, Muhammad Munadi	3D PRINTER STEREOLITHOGRAPHY (SLA) APPLICATION IN MAKING A CASTING PATTERN
D6	18:00	-	Discussion	Discussion

**Coffee Break, certificates distribution and closing by moderator**