

Room : Meeting Room 2 at 3rd floor
Moderator : Setiawan, Eko

Icetia Parallel Session

No	Time	Paper ID	Topic	Submitting Authors	Title
2.0	12:30			Sufa, Mila Faila	Invited Speaker
D0	12:40	-	-	Discussion	Discussion
2.1	12:50	173	A	Pradana, Almas	Measurement of Financial Efficiency and Its Factors of Cellular Telecommunications Companies in Indonesia using Data Envelopment Analysis and Tobit Regression
2.2	13:00	13	A	Khasanah, Rahayu	Machine reliability analysis and classification of the critical level of a spare part using the Reliability-Centered Spares method
2.3	13:10	144	A	Parwati, Cyrilla Indri	The measurement of key performance indicators (KPI) at final assembly line and delivery center division using Sink's Seven Performance Criteria method in Indonesian Aerospace Industry
2.4	13:20	120	A	Pusporini, Pregiwati	The conceptual framework of cold chain for fishery products in Indonesia
D1	13:30	-	-	Discussion	Discussion
2.5	13:50	76	B	Arifin, Dadang Arifin	Determining Production Quantity Models for Short-Age (Perishable) Products
2.6	14:00	63	B	Audensi, Faratiti Dewi	INCREASING THE CAPACITY OF ASSY SEAT BOTTOM COMPONENT SUPPLY BY RE-DESIGNING PACKAGING PLATE CART AT ASSY SEAT BOTTOM SUBSECTION PT ASTRA KOMPONEN INDONESIA
2.7	14:10	58	B	Darmawan, Agus	The effect of disruption in the supply chain : a simulation approach
2.8	14:20	155	B	Endrianto, Ennol	Determination of emergency spare parts using the logistics and maintenance perspective on power plants
D2	14:30	-	-	Discussion	Discussion
2.9	14:50	22	B	Handayani, Naniek Utami	Improving procurement function become strategic role on public hospital
2.10	15:00	53	B	Herawati, Vivi Endar	The Application of Coffee Grinding Machine to Increase the Production Capacity of Temanggung Coffee
2.11	15:10	73	B	Indrasari, Lolyka Dewi	FMEA Approach to Risk Factors as a Factor in Implementing Green Supply Chain Management (Study in PT. Gresik Cipta Sejahtera)
2.12	15:20	31	B	Khairudin, Moh	Fuzzy Logic Based on Image Processing to Control a DC Motor
D3	15:30	-	-	Discussion	Discussion
2.13	15:50	81	B	Komari, Ana	The Effect of Marketing Mix 4P Toward Marketing Product Performance Of Tenun Ikat Industry In Bandar Kediri
2.14	16:00	145	B	Maliki, Soufyan	Cuckoo search algorithm application: gas pipeline routing selection case considering peatlands and conservation area
2.15	16:10	163	A	Hartini, hartini	Optimization of batch extraction of functional ingredients from stevia leaves with response surface methodology
D4	16:20	-	-	Discussion	Discussion

Coffee Break, certificates distribution and closing by moderator

Room : Meeting Room 3 at 3rd floor
Moderator : Fadlilah, Umi

Icetia Parallel Session

No	Time	Paper ID	Topic	Submitting Authors	Title
3.1	12:30	147	B	Nuha, Hilyatun	A propose conceptual model to determine optimal number of educational staff in a faculty (case study: a college in Surabaya)
3.2	12:40	157	B	Shidqi, Ashar	Optimization On The Hydrolysis Process Of Cellulose From Corn Husk To Glucose With Activated Carbon Catalyst Sulfonated
3.3	12:50	115	B	Yuniarti, Fatin	Product transportation system model design of category iv gamma irradiator using object oriented simulation
3.4	13:00	16	B	Pratama, Gradiyan Budi	Observing prevalence of mobile phone use during ride among Indonesian student motorcyclist: A pilot to reduce motorcycle accident
D1	13:30	-	-	Discussion	Discussion
3.5	13:30	87	B	Listyorini, Tri	Implementation of Augmented Reality as a Recognition of Historic Object in Android- Based Credit Museums
3.6	13:40	8	B	Raharjo, Hartono Mulyo	Modelling in residential property market to forecast demand using system dynamics
3.7	13:50	67	C	Karim, Mirwan Ardiansyah	Cascara Production to Increase Value added of Arabica's Coffee processing in Subang, West Java
3.8	14:00	61	C	Rochman, Yuli Agusti	Modular Mixer Machine Design for Liquid Fertilizer
D2	14:30	-	-	Discussion	Discussion
3.9	14:30	82	C	Safi'i, Imam	Integration of Quality Function Deployment and Value Engineering: A Case Study On Waiting Chair Products
3.10	14:40	96	C	Salma, Sheila Amalia	A conceptual design of the modified Human Factors Analysis and Classification System (HFACS)' mobile application
3.11	14:50	106	C	Sastra, Rachmat Suryadi	Optimization of Bucket Tooth Excavator Design using Topology Optimization and Finite Element Method
3.12	15:00	119	C	Sudaryanto, Arie	Changes of Mechanical Properties and Colour From Arabica Coffee Cherry to Green Bean
D3	15:30	-	-	Discussion	Discussion
3.13	15:30	162	C	Yogana, Endiq	Development of System Information of Building Code Checking in Planning dan Permitting Phase to improve Building Code Compliance based on Work Breakdown Structure (WBS) using Building Information Modeling (BIM)
3.14	15:40	85	B	Supriyono, Heru	Design, building and performance testing of GPS and computer vision combination for increasing landing precision of quad-copter drone
D4	15:50	-	-	Discussion	Discussion

Coffee Break, certificates distribution and closing by moderator

Room : Meeting Room 4 at 3rd floor
Moderator : Pudyastuti, Purwanti Sri

Icetia Parallel Session

No	Time	Paper ID	Topic	Submitting Authors	Title
4.1	12:30	160	D	Adam, Andi Arham	Water absorption of ambient-cured geopolymers concrete
4.2	12:40	9	D	Bramiana, Chely Novia	Study of Rural Tourism for Developing Village Capital of Tuntang village, Semarang Regency
4.3	12:50	65	D	Miraj, Perdana	Systematic Review of Value Engineering Research Studies in Indonesia
4.4	13:00	43	D	Suryawan, I Wayan Koko	Solid waste generation and biogas potential estimation from hotel activities in Bali Province, Indonesia
D1	13:30	-	-	Discussion	Discussion
4.5	13:30	135	D	Ruhiat, Yayat	Analysis of climate and land potential to improve corn production in Banten province, Indonesia
4.6	13:40	59	D	Qonitan, Fatimah Dinan	Overview of the Municipal Solid Waste Generation and Energy Utilization Potential in Major Cities of Indonesia
4.7	13:50	103	E	Handayani, Dewi	Effects of Road Shoulder Width and Speed Bump Dimensions on Motorbike Speed Reduction
4.8	14:00	50	E	Handayani, Dewi	Potential Demand and Willingness To Pay Of Ungaran - Salatiga Toll Road with Variable Transportation Expenses
D2	14:30	-	-	Discussion	Discussion
4.9	14:30	10	E	Harsritanto, Bangun IR	Evaluation of Transemarang shelters on Universitas Diponegoro campus area
4.10	14:40	132	E	Iranata, Data	Alternative Design of Post-Earthquake Temporary Housing in Indonesia
4.11	14:50	109	E	Machfudiyanto, Rossy Armyn	Developing Standard Operational Procedures for Maintenance and Repair of Mechanical and Electrical Component in Government Building to Improving Safety Planning
4.12	15:00	6	E	Nazaroedin, Hanif Nurindra	Assessment of shopping trip pattern changes as the result of e-commerce growth
D3	15:30	-	-	Discussion	Discussion
4.13	15:30	35	E	Prasetya, Sonki	Camera based artificial intelligence for a smart vehicle braking system
4.14	15:40	169	E	RIYADI, SLAMET	Failure Consequences and Risk Based Framework for Reliability Acceptance of the Yarn Winding Machine
4.15	15:50	105	E	Setiawan, Deni	Overloading Vehicle Impact Analysis On The Performance Of Toll Road Traffic
D4	16:00	-	-	Discussion	Discussion

Coffee Break, certificates distribution and closing by moderator

Room : Meeting Room 5 at 3rd floor
Moderator : Hidayati, Nurul

Icetia Parallel Session

No	Time	Paper ID	Topic	Submitting Authors	Title
5.0	12:30	177	E	Chan, Chee-Ming (Invited Speaker)	Electrokinetic treatment of lead-contaminated dredged marine sediments as backfill material for near shore reclamation
D0	12:40	-	-	Discussion	Discussion
5.1	12:50	139	E	Cerita, Pasca Regal	Cost Benefit Analysis of Toll Road Construction Design Using Geospatial Technology-Based Tools
5.2	13:00	104	E	Santoso, Deddy	Determination Minimum Distance Between Ramp Entry and Exit on The Freeway Reviewed from The Road Safety Aspect
5.3	13:10	41	E	Iskandar, Dadang	Nano Crumb Rubber Contribution on Skid Resistance of Hot-Mix Asphalt Pavement
5.4	13:20	40	E	Iskandar, Dadang	Rut Depth Characteristics on Hot-Mix Asphalt with addition Nano Crumb Rubber
D1	13:30	-	-	Discussion	Discussion
5.5	13:50	42	E	Iskandar, Dadang	The Contribution of Nano Crumb Rubber on Hot-Mix Asphalt Pavement to Resilient Modulus Characteristics
5.6	14:00	45	E	Susila, I Gede	Strengthening Strategy of Old Bridge in Indonesia (Tukad Yeh Bangkung) by Using Optimization and Preservation Approach
5.7	14:10	46	E	Susila, I Gede	Strengthening Strategy Applied For Reinforced Concrete (RC) Frame Structures Using Steel Braces After Lombok Earthquake (Case Study: Parking-Lot Mall Bali Galeria-MBG)
5.8	14:20	113	F	Anugrah, Muhamad Akbar	Water Balance Modelling to Estimate Water Needs of The New Rice Field Expansion Area in Buru District, Maluku
D2	14:30	-	-	Discussion	Discussion
5.9	14:50	18	F	Ayubi, Muhammad Eki	Analysis the effect of Land Use change on the potentials Sediment Sedimentation and Erosion at Cikarang-Bekasi-Laut (CBL) Canal using HEC-RAS 4.1 application
5.10	15:00	128	F	Budieny, Hary	NUMERICAL ANALYSIS IN DENGKENG RIVER USING NAYS 2D FLOOD
5.11	15:10	168	F	Hidayat, Ryan	Effectiveness of stormwater facilities to reduce surface runoff and peak flow at JIExpo Kemayoran using SET
5.12	15:20	3	F	Ikhsan, Jazaul	Analysis of Sediment Transport on The Upstream Code River, Indonesia
D3	15:30	-	-	Discussion	Discussion
5.13	15:50	33	F	Mustafa, Alfisalam Ghifari	Analysis of the influence of river flow engineering upstream areas on sediment transport in the downstream areas
5.14	16:00	5	E	Zakky, Akhmad	Study of Permeability, Density, And Porosity on Porous Asphalt Pavement Using Australia, Netherland, And Japan Gradation
D4	16:10	-	-	Discussion	Discussion

Coffee Break, certificates distribution and closing by moderator

Room : Meeting Room 7 at 3rd floor
Moderator : Solikin, Mochamad

Icetia Parallel Session

No	Time	Paper ID	Topic	Submitting Authors	Title
7.0	12:30			Setiawan, Wisnu	Invited Speaker
D0	12:40	-	-	Discussion	Discussion
7.1	12:50	83	G	Anggraini, Amelia	Development of work breakdown structure standard for safety planning on stadium construction work based on risk
7.2	13:00	24	G	Elfandari, Amadea	The Relationship Between Frequency of Accident and Roads Geometric Design Consistency in NTB Province
7.3	13:10	93	G	Karima, Zahra	Development of Work Breakdown Structure Standard for Safety Planning on Railway Construction Work Based on Risk
7.4	13:20	90	G	Nugroho, Danang Budi	Development of Work Breakdown Structure (WBS) for Safety Planning on Tunneling Work Projects Based on Risk
D1	13:30	-	-	Discussion	Discussion
7.5	13:50	131	G	Okifitriana, Maharani	Development of Quality Management System for Construction Services Procurement to Improve the Quality of Contractor Performance in Universitas Indonesia
7.6	14:00	150	G	ORIENTILIZE, MULIA	Numerical Study of Spun Pile to Pile Cap Connections in Soft Soil
7.7	14:10	114	G	Pradipta, Azhara Yudha	Comprehensive preventive maintenance guidelines for electrical components in government buildings
7.8	14:20	140	G	Putra, Anggara	Development of Safety Plan Based on Work breakdown Structure to Determine Safety Cost for Cable Stayed Bridge Construction Projects. Case Study : Girder Erection with Balanced Cantilever Method
D2	14:30	-	-	Discussion	Discussion
7.9	14:50	164	G	Saputra, Pungky Dharma	Development of Safety Plan Based on Work Breakdown Structure to Determine Safety Cost for Precast Concrete Bridge Construction Projects. Case Study : Girder Erection
7.10	15:00	64	G	Widyaningrum, Asri	Modelling of Pedestrian Severity Factors in Traffic Accident in Depok
7.11	15:10	89	G	Wijaya, Luki	Development of Preventive Maintenance Guidelines for Architectural Components on Government Building Based on Work Breakdown Structure
7.12	15:20	29	G	Rifai, Andri Irfan	Data mining applied for liquefaction mapping and prediction learn from Palu earthquakes
7.13	15:50	146	H	Sudaryanto, Yohanes	Study of Pb(II) adsorption by Tannin Based Adsorbent synthesized from mangrove bark (Rhizopora mucronata)
D3	16:00	-	-	Discussion	Discussion

Coffee Break, certificates distribution and closing by moderator

Room : Meeting Room 9 at 3rd floor
Moderator : Prasetyo, Hari

Icetia Parallel Session

No	Time	Paper ID	Topic	Submitting Authors	Title
9.0	12:30			Widayatno, Tri	Invited Speaker
D0	12:40	-	-	Discussion	Discussion
9.1	12:50	153	I	Anggoro, Didi Dwi	OPTIMIZATION ON THE HYDROLYSIS PROCESS OF CELLULOSE FROM CORN HUSK TO GLUCOSE WITH ACTIVATED CARBON CATALYST SULFONATED
9.2	13:00	68	I	Candra, Agata Iwan	Optimum Amount Compaction of Laston Test Objects with Limestone Rough Aggregates
9.3	13:10	123	I	Dani, Mohammad	Effect of Spark Plasma Sintering (SPS) at Temperatures of 900 and 950oC for 5 Minutes on Microstructural Formation of Fe-25Ni-17Cr Austenitic Stainless Steel
9.4	13:20	47	I	DARMANTO, JARWO	The effect of fiber pretreatment on physical and mechanical properties in water hyacinth fiber composite
D1	13:30	-	-	Discussion	Discussion
9.5	13:50	134	I	Denny, Yus Rama	Effect of concentration and time sonication of ZnO composite for radar absorbing material applications
9.6	14:00	21	I	Hudoyo, Citra Pradipta	Utilization of iron sand waste and bottom ash as alternate concrete-making materials
9.7	14:10	44	I	Idamayanti, Dewi	The thickness effect of exothermic sleeve made from rice husk on its performance as a riser in steel casting
9.8	14:20	156	I	Khasanah, Sabtun Ismi	Study of the reclamation of waste CO2 moulding sand in foundry industry
D2	14:30	-	-	Discussion	Discussion
9.9	14:50	141	I	Martijanti, Martijanti	Synthesis and characterization of composite reinforced bamboo fiber powder with polyesther matrix
9.10	15:00	2	I	Mediyanto, Antonius	The Minimum Water Curing Time Recovery After Burning of Aluminium Fibre Light Weight Concrete (With ALWA as Coarse Aggregate) Split Tensile Strength
9.11	15:10	121	I	Mustofa, Saliim	Effect of Temperature of Spark Plasma Sintering on the Development of Oxide Compound in Fe-25wt%Ni-17wt%Cr Austenitic Stainless Steel
9.12	15:20	161	I	ilmu purbo putro, pramuko	The Arrow Pattern Tire Compound Effect on Wear and Grip Coefficient on Dry and Wet Asphalt Track
D3	15:30	-	-	Discussion	Discussion

Coffee Break, certificates distribution and closing by moderator

Room : Meeting Room 10 at 3rd floor
Moderator : Kusban, Muhammad

Icetia Parallel Session

No	Time	Paper ID	Topic	Submitting Authors	Title
10.0	12:30	91	J	kusban, muhammad (Invited Speaker)	Improvement Palmprint Recognition System by Adjusting Image Data Reference Points
D0	12:40	-	-	Discussion	Discussion
10.1	12:50	138	I	Purwanto, Agus	LiNi _{0.80} Co _{0.15} Al _{0.05} O ₂ /LiCoO ₂ blends for high performance li-ion batteries
10.2	13:00	79	I	Putra, Emerald Gabriel	Mechanical and damping properties of composite rubber with waste crumb rubber tire and silica sand
10.3	13:10	172	I	Silalahi, Marzuki	STUDY ON MATERIAL PROCESSING OF THE OXIDE DISPERSION STRENGTHEN STEEL AND MANUFACTURING OF HIGH TEMPERATURE COMPONENT
10.4	13:20	129	I	Silviana, Silviana	Preliminary Study of Chitosan Coated Silica Derived from Geothermal Waste for CO ₂ Separation from CH ₄
D1	13:30	-	-	Discussion	Discussion
10.5	13:50	130	I	Silviana, Silviana	Silicon preparation derived from geothermal silica by reduction using magnesium
10.6	14:00	127	I	Silviana, Silviana	Synthesized Silica Mesoporous from Silica Geothermal Assisted with Cetyltrimethylammonium bromide and Modified by 3-Aminopropyltrimethoxysilane
10.7	14:10	165	I	Sjah, Jessica	Performance evaluation of woven polyethylene formwork on tie beam and pile cap structure in terms of cost and time
10.8	14:20	60	I	Soetardji, Gunawan	Rice Husk Ash Selection as Solid Oxide Fuel Cell Sealing Ceramic Material
D2	14:30	-	-	Discussion	Discussion
10.9	14:50	80	I	Tirtoputro, Shendyanto	Mechanical and dynamic properties of composite rubber (RSS and SBR) with waste rubber crumb and copper fiber
10.10	15:00	143	I	Utami, Nurhabibah Paramitha Eka	The Effect of Annealing Process and Mold Variations to Failure Time of CuZn Cast Alloy by Dinamic Load
10.11	15:10	26	I	Syamsiyah, Nur Rahmawati	The Innovation of sound-absorbing material through a main mixture of plastic waste, sawdust, and rice husk
D3	15:20	-	-	Discussion	Discussion

Coffee Break, certificates distribution and closing by moderator

Room : Meeting Room 11 at 5th floor
Moderator : Ulinuha, Agus

Icetia Parallel Session

No	Time	Paper ID	Topic	Submitting Authors	Title
11.1	12:30	137	J	Aribowo, Arnold	Designing the Label Giving Robot Arm in the packing box
11.2	12:40	57	J	Aribowo, Arnold	Lecturer and Student Attendance System with RFID
11.3	12:50	49	J	darjat, darjat	Simulation Design Of Ungaran 500kv Substation Operation System Using Microcontroller
11.4	13:00	74	J	Hamzah, Almed	Enhancing Learning Performance of Students in Higher Education with Adaptive Navigation Support
D1	13:30	-	-	Discussion	Discussion
11.5	13:30	98	J	Maulana, Maulana	Summarization of Aspect-Based Sentiment Analysis For Hotel Reviews
11.6	13:40	166	J	Ratnadewi, Ratnadewi	Discrete cosine transform and support vector machines for classification cardiac atrial arrhythmia and cardiac normal
11.7	13:50	66	J	Soeleman, Moch Arief	The Use of Gaussian Mixture Model for Counting Human Object on Video
11.8	14:00	88	J	Tjahyadi, Hendra	Electromyography Gesture Identification Using CNN-RNN Neural Network for Controlling Quadcopters
D2	14:30	-	-	Discussion	Discussion
11.9	14:30	94	K	Budi, Suka Handaja	The potential recovery energy of SWD (sea water desalination) by SGP (salinity gradient power)
11.10	14:40	55	K	Hadiani, Rintis	The Pattern of Annual Energy of Hydropower based on the Pattern of Annual Discharge
11.11	14:50	32	K	Lourentius, Suratno	Bio-oil from pyrolysis of pine fruit using the catalyst of natural zeolite as the alternative renewable energy
11.12	15:00	159	K	Ramadhan, Rahadian	Feasibility Analysis of Renewable Energy Alternative Selection in Rural Areas Using Zero Energy Building Concept
D3	15:30	-	-	Discussion	Discussion
11.13	15:30	34	K	Safitra, Arrad Ghani	CFD analysis of thermal improvement in flat plate solar air heater with rectangular baffles
11.14	15:40	36	K	Taufan, Andi	Heat Transfer Prediction of a Zeolite Bed Through Addition of Metal Additives
D4	15:50	-	-	Discussion	Discussion

Coffee Break, certificates distribution and closing by moderator