

Program Summary

International Conference on Science and Technology (ICST) 2019

Thursday, October 17th 2019

Time	Room	Agenda
08.00-09.00	Grand Ballroom Sheraton Surabaya Hotel & Towers	Registration
09.00-10.30	Grand Ballroom Sheraton Surabaya Hotel & Towers	Opening - Muang Sangkal Dance
		Welcome Speech by Conference Chair
		Welcome Speech by Governor of East Java, Dra. Hj. Khofifah Indar Parawansa, M.Si
		Keynote Speech by Executive Board Badan Pemeriksa Keuangan, Dr. Achsanul Qosasi
10.30-10.45	Grand Ballroom Sheraton Surabaya Hotel & Towers	Coffee Break
10.45-13.15	Grand Ballroom Sheraton Surabaya Hotel & Towers	ICST Keynote Session Moderator : Muhammad Yusuf, Ph.D
		Prof. Shuo-Yan Chou (NTUST, Taiwan)
		Prof. Dr. Ir. Muhammad Idrus Alhamid (University of Indonesia, Indonesia)
		Prof. Nobuo Funabiki (Okayama University, Japan)
13.15-14.15	Grand Ballroom Sheraton Surabaya Hotel & Towers	Lunch

Friday, October 18th 2019

Time	Room	Agenda
08.00-08.30	Grand Ballroom Sheraton Surabaya Hotel & Towers	Registration
08.30-11.00	Sheraton Surabaya Hotel & Towers (Sriwijaya 2, Jenggala, Daha, Kahuripan, Singasari, Mataram)	Parallel Session 1
11.00-13.00	Grand Ballroom Sheraton Surabaya Hotel & Towers	Lunch
13.00-15.00	Sheraton Surabaya Hotel & Towers (Sriwijaya 2, Jenggala, Daha, Kahuripan, Singasari, Mataram)	Parallel Session 2
14.30-15.00	Grand Ballroom Sheraton Surabaya Hotel & Towers	Coffee Break
15.00-17.00	Sheraton Surabaya Hotel & Towers (Sriwijaya 2, Jenggala, Daha, Kahuripan, Singasari, Mataram)	Parallel Session 3
17.00-17.30	Grand Ballroom Sheraton Surabaya Hotel & Towers	Closing speech and Announcement for Best Research Paper
		Welcome Message from the Chair of IJCST 2020

Saturday, October 19th 2019

09.00-13.00	Labang, Madura	Culture Tourism “Karapan Sapi (Bull Race)”
13.00-14.00	Burneh, Madura	Lunch at Bebek Sinjay

Schedule of Parallel Session
Conference Day 2 (October 18th 2019)

Parallel Session 1 08.30 – 11.00 WIB Room : Sriwijaya 2 Moderator : Dr. Noor Ifada, S.T., MISD		
No	Presenter	Title
1	Abdul Gaus	Analysis of The Mechanical Properties of Concrete Beams That Use Pumice as a Partial Substitution of Concrete Mixtures
2	Amran Nur	Test of analgesic and anti-inflammatory effect of beruwat laut leaf (<i>Scaevola taccada</i> (Gaertn.) Roxb.) On wistar strain albino rats (<i>Rattus norvegicus</i>) using writhing method (Writhing test)
3	Djoko Suwito	Development of Learning Media Design Engineering Integrated With Machinery Element and Drawing Machine Based on Contextual Learning
4	S R Nurdin	Development Of Programming Ability Test Application For Informatics Students
5	I Gusti Agung Bagus Wirajati	Photovoltaic Driven Adsorption Cooling Cycle
6	Aditya Wahyu Pratama	Performance test of a mixture of Polypropylene plastic fuel from Pyrolysis with gasoline to torque and Engine Power
7	Farid Sariman	Analysis Of Resistance Of Materials That Have Las Connection In St 37 Steels
8	Cipto Daniel Parenden	Analysis of Skid and Rolling Vehicle
9	M L C Buono	The Implementation Of An Expert System In Diagnosing Skin Diseases Using The Dempster-Shafer Method
10	Sumiati	Analysis of Smartphone Users Movement Using Data Mining Methods and SWOT Analysis in East Surabaya Areas
11	Euis Nurul Hidayah	Using Fluorescence Spectroscopy to Assess Organic Matters in Activated Persulfate
12	Ulya Sarofa	Effect of Temulawak (<i>curcuma zanthorrhiza</i>) Extracts Addition as Natural Antioxidant Against The Destruction of Palm Oil in Frying Process
13	Amalia Anjani Arifiyanti	Emotion Mining of Indonesia Presidential Political Campaign 2019 using Twitter Data
14	Basuki Rahmat	Video-based Tancho Koi Fish Tracking System Using CSK, DFT, and LOT
15	Mohammad Rachman Waluyo	Construction Of Collaboration Model Of Supply Chain Management On Business Performance And Sustainable Competitive Advantage Using Structural Equation Modeling (sem) Method
16	AI Candra	Analysis Of The Ratio Of Coarse Aggregate To Porous Asphalt Mixture
17	A Ridwan	Experimental Study Additional Brantas Sands Of Clay Density
18	Mega Teguh Budiarto	Ethnomathematics in Majapahit's Culture: Geometry Concepts and Pedagogy Reviews in the life of Mlaten Trowulan Villages
19	Khamdi Mubarak	Redefining Industry 4.0 and Its Enabling Technologies
20	Anis Arendra	Pre-processing for vibration signals features extraction and selection in real time investigating of CNC tool wear
21	Sabarudin Akhmad	Design of the mBatik, Textile Hot Wax Applicator To Emulate Hand Drawn Batik Using Cnc Plotter Machine And Characterization Of Wax Plotting Parameters
22	Anis Arendra	Investigating Pump Cavitation Based On Audio Sound Signature Recognition Using Artificial Neural Network
23	Faikul Umam	Smart Helmet Control System Using Heart Pulse Indicator

Parallel Session 2 13.00-15.00 WIB Room : Sriwijaya 2 Moderator : Dr. Noor Ifada, S.T., MISD		
No	Presenter	Title
1	Arbain Tata	Bamboo as Eco-Green Alternative for Concrete Reinforcement that use Sand Beach Fine Aggregate
2	Assaf Arief	The Smart Islands Vision: Towards Smart City Readiness in Local Government of Archipelagos
3	Purwo Mahardi	Effect of HDPE Based Wastes on the Performance of AC-WC Mixture with RAP as coarse aggregate substitute
4	Wahyu Dwi Mulyono	Learning Media Based on Macromedia Director to Improve Learning Outcomes of Students in Vocational Schools
5	I Ketut Suwintana	The development of information system for garments industry using the android platform
6	Agung Wahyono	Quality Characteristics of Cake Enriched with Pumpkin Peel Powder
7	Klemens Alrin Rahangmetan	Effect Variations And Types of Smaw Welding Electrodes on A36 Steel to Tensile Test
8	N Pandiangan	Implementation of Decision Tree and Naive Bayes Classification Method for Predicting Study Period
9	H Jayawardana	Selection of Snack Suppliers in Merauke Regency Based on Sample Additive Wight (SAW)
10	Sri Winarti	Beneficial of Clover Leaf (<i>Marsilea crenata</i>) as Bio-adsorbent of Heavy Metal Contamination in Red Mussels (<i>Musculita senhousia</i>)
11	Yustina Ngatilah	Inventory Control System Using Distribution Requirement Planning (DRP) (Case Study : Food Company)
12	Dedin F Rosida	Production of Maltodextrin from Cocoyams (<i>Xanthosoma Sagittifolium</i>) Starch Using A-Amylase Enzyme
13	N K Sari	Essential Oil from A Satisfying Evening Flower with Enfleuration Process
14	Intan Yuniar Purbasari	Using Self-Organizing Map (SOM) for Clustering and Visualization of New Students based on Grades
15	Nurfajriah	Identification Of Body Posture Of Milkfish Satay Workers Using The Rula And Owas Method
16	Rini Setianingsih	Statistical Reasoning Levels of High School Students in Solving Statistics-Related Problems
17	Iwan Santosa	Development Of Poor Family Selection System Using Simple Multi Attribute Rating Technique Exploiting Rank Method
18	Mulaab	Image Batik Classification Based using Ensemble Learning
19	Achmad Ubaidillah	Planning of Path Loss in Large Scale Signal Propagation Model at 5G Network by Using Linear Regression Methods
20	Akhmad Tajuddin Tholabi	Performance of Microstrip Patch Omnidirectional Antenna with Stripline on Unmanned Aircraft System
21	Samsul Amar	The Accuracy Measurement of Stock Price Numerical Prediction
22	Iffan Maflahah	Prospect The Model Development in Salt Supply Chain
23	Sofian Hadi	Predictive Maintenance Analysis Overhead Crane Machine in PT Bromo Steel Indonesia

Parallel Session 3
15.00-17.00 WIB
Room : Sriwijaya 2
Moderator : Dr. Noor Ifada, S.T., MISD

No	Presenter	Title
1	Endah Harisun	Factors in building damage in the village of Balitata, due to the impact of 7.2 magnitude earthquake
2	Endah Harisun	Material And Form Resilience in Dutch Architectural Style Buildings in Ternate (case study: Ternate nobleman's house)
3	IKD Nuryana	Geographic Information System Mapping of Universitas Negeri Surabaya Facilities (Case Study: Universitas Negeri Surabaya Ketintang)
4	Puguh Novi Prasetyono	Identification Of The Most Influential Cost Components In Residential Buildings
5	I Ketut Widana	Ergo-physiological Work Station Reduces Cardiovascular Load and Visual Complaintsof Carved Artists
6	Reda Rizal	Husk as a Substitute for Styrofoam Plastic Products Manufacturing Packaging
7	Rifky Maulana Yusron	Optimization of Machining Parameters for Surface-roughness and Precision in EDM Using Response Surface Method
8	Achmad Jauhari	Decision Support System for Determination of Development of Small and Medium Industries Using VIKOR
9	Husni	Web Service for Search Engine Bahasa Indonesia (SEBI)
10	Ika Oktavia Suzanti	REST API Implementation on Android Based Monitoring Application
11	Deni Tri Laksono	Comparison of Partial Discharge Characteristics Detected by RC Detector and Rectangular Antenna
12	Dana Marsetiya Utama	The hybrid whale optimization algorithm: A new metaheuristic for efficient energy consumption on flow shop with dependent sequence setup
13	Dana Marsetiya Utama	The Sustainable Economic Order Quantity Model: A Model Consider Transportation, Warehouse, Emission Carbon Costs, and Capacity Limits
14	Revolson Alexius Mege	GHR mRNA Expression in the Liver and Muscles of Local Pigs from The Islands in North Sulawesi, Indonesia
15	I Ketut Darma	Needs Analysis Development of Applied Mathematical Blended Learning Models Using Schoology LMS

Parallel Session 1 08.30 – 11.00 WIB Room : Jenggala Moderator : Dr. Indah Agustien Siradjuddin, S.Kom, M.Kom		
No	Presenter	Title
1	Firman	Study of Blending Fly Ash with Potentially Acid Forming Material to Prevent Acid Mine Drainage
2	Firman Tempola	Optimization Naive Bayes using Particle Swarm Optimization in Volcanic Activites
3	Heri Suryaman	Improved Skills of Critical Thinking of Student
4	Lutfiyah Hidayati	Improving Students' Self Regulation through Portfolio Assessment in Vocational Pre-service Teacher Education in Indonesia
5	I Made Arsawan	Hot Air Circulation Analysis In Tumpeng Dryer Machine With Hole Stage Variation In Every Level Rak
6	Dhanang Eka Putra	The Development of Agritourism Village Area (case study at Kemuning Lor Village Arjasa Subdistrict Jember Regency)
7	B Syanjayanta	Evaluation Urban Utility Of Water System In Merauke City
8	Lilik S	Rule Based Method in Expert System for Detection Pests and Diseases of Corn
9	Muh. Akbar	Redesign Runway Strip With Evaluate The Geometry, Cut and Fill-In, and CBR at Mopah Airport
10	Farida Pulansari	Green Supply Chain Operation Reference (Green SCOR) Performance Evaluation (Case Study: Steel Company)
11	Sunardi Adji	Redesign of The Production Facility Layout by Using Systematic Layout Planning Methodat Cahaya Bintang Mas Company Surabaya
12	Dwi Sukma Donoriyanto	Determination of Maintenance Schedule of Loading and Unloading Pump Machine Using Genetic Algorithm Method
13	Henni Endah Wahanani	Exploit Remote Attack Test In Operating System Using Arduino Micro
14	Faisal Muttaqin	Measurement of the IT Helpdesk Capability Level Using the COBIT 5 Framework
15	Halim Mahfud	Designing Passengers Cabin Of Carrier Vehicles Of 6x6 Armour Personnel With Principles Of Ergonomic
16	Sigit Winarto	Analysis Causes Damage And Prevention Of Concrete
17	Agata Iwan Candra	Correlation of Concrete Strength and Concrete Age K-300 Using Sikacim® Concrete Additive and Master Ease 5010
18	Eko Hariyono	The Voices of Students about Climate Change: A Preliminary Reasearch
19	Yoga Dwitya Pramudita	Extraction System Web Content Sports New Based On Web Crawler Multi Thread
20	Doni Abdul Fatah	K-Means Clustering Algorithm for Determination of Clustering of Bangkalan Regional Development Potential
21	Dwi Kuswanto	Cryptograph RSA and Compression Shannon Fano Text File Services at Mobile Devices
22	Doni Abdul Fatah	Implementation of RC4 Cryptography Algorithm for Data File Security
23	Yudha Dwi Putra Negara	Comparison of Data Mining Algorithm Performance on Student Savings Dataset

Parallel Session 2 13.00-15.00 WIB Room : Jenggala Moderator : Dr. Indah Agustien Siradjuddin, S.Kom, M.Kom		
No	Presenter	Title
1	Hilda Alkatiri	Synchronization Conveyance and Loading Equipment for Production Target In Mining Activities On Obi Island
2	Iis Hamsir Ayub Wahab	Proposed Mathematical Modelling of Small Remotely Operated Vehicle (ROV) Movement
3	Amanda Ristriana Pattisinai	Investigating Walking Satisfaction Through The Pedestrian Bridge User's Appraisal in Surabaya
4	Amanda Ristriana Pattisinai	Exploring Pedestrian Ways Quality for Better Urban Place: Necessary, Optional, and Social Activity
5	I Ketut Swardika	Building a Low-Carbon Emission Concept for Tourism Industry Resort
6	I Ketut Swardika	Implementation of Nighttime Radiance Threshold Class for Green Zone Energy Mapping
7	Faiqatul Hikmah	Information System Design of HIV Infection Treatment at VCT (Voluntary Counselling and Testing) Clinic of Jember Regency
8	Faiqatul Hikmah	Information System Design of Web-Based Integrated Surveillance of Ari Disease in The Health Office
9	Frederik Haryanto Sumbung	Design PV Standalone System in Electrical Engineering Laboratory of Musamus University Using PVSyst 6.7.0 PRO30
10	Adik Putra Andika	Design of Yagi-Uda Antenna for CDMA Modems at 800 MHz
11	M F V Ruslau	Edge Detection of Digital Image With Different Edge Types
12	Tranggono	The Ergonomic Shooting Net Design for Pond Farmers
13	C Pujiastuti	Reaction Kinetics The Formation of Calcium Sulfate From Cow Bone And Sulfuric Acid In Batch
14	Jariyah	Optimization of Pectin Extraction from Pedada Fruit (<i>Sonneratia caseolaris</i>)
15	Eristya Maya Safitri	How IT Support a Government Organization's Agility to Respond Citizen's Changing Needs? : Literature Review
16	Arista Pratama	Entrepreneurship Information System Design with ICONIX Process for a Student Business Unit Marketplace
17	Bintang Arya Putra	Analysis Performance of Force Convection Cooling Using Synthetic Jets With Wave Variations (Sine, Square, and Triangular)
18	Sigit Winarto	Analysis Of Identification Of Causes Of Concrete Damage And Prevention
19	Tutut Nurita	Student Achievements Using Problem Solving Learning
20	Miftachul Ulum	Signal Classification and Electromyography (EMG) Instrumentation Design as Basic Electronic Control System
21	Kunto Aji W	Money Authenticity Detector Design Using Artificial Neural Network Method for Blinds
22	Retno Indriartiningtias	Key Factors of Success Technology Transfer from Higher Education To Creative Industry in Bangkalan, Madura
23	Haryanto	Performance of 2.4 GHz Xbee for Digital Image Transmission with Yagi Antenna

Parallel Session 3 15.00 - 17.00 WIB Room : Jenggala Moderator : Dr. Indah Agustien Siradjuddin, S.Kom, M.Kom		
No	Presenter	Title
1	Mohammad Ridwan Lessy	Benthic Marine Litter Accumulation at Selection Beaches in Ternate Island, Indonesia
2	Muhammad Rizal	Development Planning Of Air Side Airport Facilities Buli Airport East Halmahera
3	Dadang Supriyatno	Model of Passenger Satisfaction on the Service Performance of the Gapura Surya Nusantara Passenger Port PT. Pelabuhan Indonesia III Branch Tanjung Perak Surabaya
4	Feriza Nadiar	Modern Tropical House: Elevating Traditional Tropical House on Thermal Building Performance Due To Environmental Issue
5	I Dewa Made Cipta Santosa	Evaluation of Air Side Characteristics Performance of Finned Tube Evaporator
6	I Dewa Made Cipta Santosa	Temperature Characteristics Investigation of Chilled Refrigerator with Humidifier
7	Azamataufiq Budiprasojo	Quadcopter Surveyor Drone Wind Velocity Data Characteristic for Optimal Hotwire Sensor Position
8	Minuk Riyana	Comparison between Elandt-Johnson and Heligman-Pollard method to estimate a complete life table of elderly
9	Mohammad Syarief	A Conceptual Model of Indonesian Question Answering System based on Semantic Web
10	Hanifudin Sukri	Automatic Clean Water Treatment System Using The Sugeno Fuzzy Method
11	Nurhayati Fitriani	Application Monitoring and Evaluation using SMART (Simple Multi attribute Rating Technique) Method
12	Achmad Sahru Romadhon	Smart Stick For the Blind Using Arduino
13	Fika Hastarita Rachman	Finite State Automata Approach for Text to Speech Translation System in Indonesian-Madurese Language
14	S. Ida Kholida	Development Of Work Sheet Students In Guided Inquiry Based On The Game Education Using Macromedia Flash
15	Ariana Tulus Purnomo	The Past, Present, and Future of Awareness and Preparation Toward General Data Protection Regulation (GDPR)

Parallel Session 1 08.30 – 11.00 WIB Room : Daha Moderator : Indra Cahyadi, ST., M.Bus., Ph.D		
No	Presenter	Title
1	Muhammad Sabri Ahmad	Extended Generic Process Model For Analysis MITM Attack Based On Evil Twin
2	Muliadi	Impact of Organic Matter on The Phytoaccumulation Technology of Copper in Soils by Ipomea Reptans
3	A D Indriyanti	Module for Developing Learning Media Applications for Wireless Networks in Project-Based Microtic Hotspot Materials for Microtic Setup (Configuration) Competency Improvement
4	Mochamad Firmansyah Sofianto	Numerical study on masonry infill wall by using in-plane element and joint interface with RC frame
5	Maspiyah	The Physical Properties of By-Product Proportion in Rice Flour-Based Facial Scrub
6	Putu Wijaya Sunu	Pressure Loss on Corrugated Annulus of Double Pipe Heat Exchanger
7	Putu Wijaya Sunu	Study of thermal effectiveness in shell and helically coiled tube heat exchanger with addition nanoparticles
8	Sustin Farlinda	Designing and Creating Web-Based Outpatient Information System At Panti Community Health Center (Puskesmas) Jember
9	Sari Octavia	Implementation of Energy Efficient Building Concepts In Design Office of Dinas Pendidikan dan Kebudayaan Kabupaten Merauke
10	Fransiskus X Manggau	E-Monitoring Microtic Network uses The Dude in Musamus University
11	S M Belwawin	Bioeconomic two predator-prey model of harvesting fishery
12	Kinanti Resmi Hayati	Advertisements and Representation of Muslimah Beauty: Sunsilk Hijab Shampoo (International Product) and Sariayu Hijab Shampoo (Local Product)
13	Aulia Ulfah Farahdiba	Photoinhibition of Algal Photobioreactor by Intense Light
14	Minto Waluyo	The Influence Model of Factors on Customer Satisfaction and Highway Users Loyalty
15	Widiwurjani	Microgreen Quality of Broccoli Plants (<i>Brassica oleracea</i> L.) and Correlation between Parameters
16	N K Sari	Moisture Reduction on Essential Oil with Batch Distillation Process from <i>A Polianthes Tuberos</i>
17	Akhmad Nidhomuz Zaman	Integration of Quality Function Deployment and Analytical Hierarchy Process in Developing Digital Application Features
18	Y Cahyo	The Effect of Stirring Time and Concrete Compaction on K-200 Concrete Press Strength
19	Sri Haryuni	Mean Arterial Pressure and Cerebral Edema in Post-Crisis Hyperglycemia with Rehydration Therapy
20	Nadi Suprpto	A physics representation with “Picsar” to enhance students’ thinking skills in abstract concepts
21	M. Latif	Leader-Follower Formation Tracking Of Multiple Mobile Robots With Constant Leader Velocity
22	Heri Supriyanto	Implementation of System Dynamics in Hospital Services for Improving Inpatient Rooms Utilization
23	Shofi Fitrotis Salimah	Integration of Variable Acceptance Sampling and Maintenance Policy Based on Process Capability Index

Parallel Session 2 13.00 - 15.00 WIB Room : Daha Moderator : Indra Cahyadi, ST., M.Bus., Ph.D		
No	Presenter	Title
1	Munazat Salmin	Case-Based Reasoning for the Diagnosis of Acute Respiratory Infections Using Minkowski Distance
2	Mustamin Rahim	Characteristics of Archipelago Architecture in Moluccas Island
3	Gde Agus Yudha Prawira Adistana	Project Schedule Performance Based on Earned Schedule Method
4	B Sujatmiko	Project-Based Learning as a Subnetting Material Completion in Network Design Studies
5	I Ketut Gede Sudiarta	Data Structure Comparison Between MySql Relational Database and Firebase Database NoSql on Mobile Based Tourist Tracking Application
6	Aryanti Candra Dewi	Study on Kefir Grain Concentration and The Different Length of Storage on The physicochemical of Goat Milk Kefir
7	Rosalinda Zeoniona Maarebia	Measurement of Standard Glucose Solution Using Silver Nanoparticle
8	Citra Utary	Housing Drainage Network Evaluation in Education Teacher Road Merauke
9	Fredy	Realistic Mathematics Education Assisted Interactive Multimedia
10	Nove Kartika Erliyanti	Synthesis And Characterization Of Adsorbent From Solid Waste Of Ceramics Industry
11	Dira Ernawati	Layout Design in Grup Technology Using Cellular Manufacturing System
12	KN Wahyusi	Reduction Of Pb And Cr Levels In Paper Industrial Liquid Waste With Ion Exchange Method
13	Rizky Parluka	The Online Test application uses Telegram Bots Version 1
14	I Gede Susrama Mas Diayasa	Progressive Parking Smart System in Surabaya's Open Area Based on IoT
15	Indah Jayani	The Correlation Between CD4 Count Cell and Opportunistic Infection Among HIV/AIDS Patients
16	Mukhayyarotin Niswati R. J.	Non-Science students' attitude toward the importance of environment-based learning using Vi-Learning in basic natural science courses
17	Eka Mala Sari	Subject Scheduling Using Genetic Algorithms (Case Study: SMK Negeri 1 Labang-Madura-Indonesia)
18	Sri Herawati	Implementing Method Of Empirical Mode Decomposition Based On Artificial Neural Networks And Genetic Algorithms For Crude Oil Price Forecasting
19	Trisita	Virtual Enterprise for Batik's Small Medium Enterprises
20	Teguh Prasetyo	Optimization of Metal Inert Gas Welding with Taguchi Method
21	Novi Prastiti	Measurement of Security Quality of E-Commerce Using Fuzzy Analytical Hierarchy Process
22	R D Lufika	The Design of Product Inventory Strategy with System Thinking and Economic Order Quantity Method Approach (Case Study: PT. Y)
23	A K Garside	A Reverse Logistics Model For Plastic Bottle Recycling in Bank Sampah Malang

Parallel Session 3 15.00 - 17.00 WIB Room : Daha Moderator : Indra Cahyadi, ST., M.Bus., Ph.D		
No	Presenter	Title
1	Nani Nagu	The Behavior of Coastal Communities on Management of Domestic Wastewater in Ternate City, Indonesia
2	Nurany	Analysis of Hydrogeology and Rainwater Prevention Systems at Sepo Village in Central Halmahera Regency, North Maluku
3	Octaverina Kecvara Pritasari	Sensory Analysis As A Tool In Determining Customer Acceptability In Natural Mask From Red Dragon Skin (Hylocereus Polyrhizus) Flour And Kefir Flour
4	Meity Wulandari	Split Tensile and Flexural Strength Of Concrete With Artificial Lightweight Aggregate (Alwa) And Steel-Fiber
5	Kadek Cahya Dewi	Government Readiness and Strategies in E-marketplace Planning using SWOT Analysis and Technology Readiness Index Model
6	Dhanang Eka Putra	The Knowledge Level of Market Information by Farmers and The Influencing Factors
7	Hariani Fitrianti	Analysis The Effect of Learning Habits And Gender The Mathematics Learning Achievement Using The Multiple Linear Regression Approach
8	Rony Azmi Faisal	The Effect Of Extrusion Machine Against Consistency Filaments Products 3D Printing
9	Nizar Amir	Performance Analysis of Hydrogen Fed Proton Conducting ITSOFC Cogeneration System
10	Mujib Wahyudi	Friction and Wear Analysis of UHMWPE Material Using Pin-on-Disc Tester with Lubricant and Non-Lubricant
11	Eza Rahmanita	Forecasting Crime: Application of The Trend Projection Method In Sumenep District
12	Ibnu Irawan	Addition Combustion Air Effect To Engine Performance K15-901 Using Bioethanol Fuel
13	Indra Cahyadi	Developing Digital Applications to Improve Business Process Sustainability in An Indonesian Fast Moving Consumer Goods Company
14	Aeri Rachmad	The Classification of Mycobacterium Tuberculosis Based on Colour Feature Extraction Using Decision Tree Classifier of Adaptive Boosting
15	Ignatius Luddy Indra Purnama	Threshold Determination in Multislice CT using Improved Marching Cube Algorithm for 3D Image Reconstruction
16	Adhiel Akbar	Home Electrical Energy Management System Using DijCostMin Algorithm

Parallel Session 1 08.30 – 11.00 WIB Room : Kahuripan Moderator : Issa Dyah Utami, ST. MT., Ph.D		
No	Presenter	Title
1	Nurul Kusumadelina	The Measurement Of Maturity Level In Chili's Using Index Pixel
2	Raudha Hakim	Mode Choice Modelling For Interisland Transportation In North Maluku: A Case Of Ternate to Sofifi Cities
3	Berkat Cipta Zega	Study on Non-Engineered Building Vulnerability with Red Brick Masonry Wall through Finite Element Analysis
4	Kusnan	Sustainable Flood Prevention Using Interconnection of House Pump System
5	I Nyoman Eddy Indrayana	Design of Children Monitoring Application for Outdoor Activities Using a Smart Watch
6	M J Wibowo	The Impact Analysis of A Waste Treatment Plant On Environmental Quality
7	Rian Ade Pratama	Optimal Harvesting And Stability of Predator-Prey Model With Holling Type II Predation Respon Function And Stage-Structure For Predator
8	Y I P Hematang	The Main Structure of Walina and its Preservation in Boven Digoel
9	J Y Parlindungan	Increasing the quality of virgin coconut oil (vco) using activated carbon adsorbent from candlenut shell (Aleurites mollucana)
10	Luqman Agung Wicaksono	Proximate Analysis of Food Bar Made from Pedada Fruit (Sonneratia caseolaris) Enhanced With Gembili Flour and Mung Bean Flour as an Alternative to Emergency Food
11	Sintha Soraya Santi	Effectiveness Tamarind to reduction of Pb content in red mussels
12	Andre Yusuf Trisna Putra	Physicochemical And Sensory Properties Of Pedada Fruit (Sonneratia caseolaris) Bar
13	Eva Y Puspaningrum	Detection of Text Similarity for Indication Plagiarism Using Winnowing Algorithm Based K-gram and Jaccard Coefficient
14	S Mukaromah	Analysis and design student entrepreneurship information system
15	Muhammad Balhaqi Muslich	Performance Analysis of Forced Convection Coolers using Synthetic Jets With Variations in Altitude from Synthetic Jets to Heat Sources
16	A Y Tripariyanto	Disc Brake Type of Braking System on Rear Shaft of Go-kart Daiho 7.5 HP
17	S R Widodo	Improvement of Inspection Section of PT. ABC using 5S Method (Seiri, Seiton, Seiso, Siketsu, Shitsuke)
18	Rudy Kustijono	Online-based learning to train students crytical thinking in physics teacher training program
19	Achmad Fiqhi Ibadilah	Hijaiyah Letters Sign Language Recognition for Deaf and Hearing Impaired Children Based on Principal Component Analysis Method
20	Ach. Khozaimi	Mobile Expert System for Dengue Fever Based on Certainty Factor Method
21	Devie Rosa Anamisa	Design of Virtual Reality Application for Taharah Using 3D Blender
22	Imamah	Mobile Expert System Using Forward Chaining for Diagnosing Teak Tree Disease
23	Kukuh Winarso	Rework Reduction with a Risk Management Approach along with Quality Cost Analysis of Furniture Production Processes Using the House of Risk (HOR) Method (Case Study: PT X)

Parallel Session 2
13.00 - 15.00 WIB
Room : Kahuripan
Moderator : Issa Dyah Utami, ST. MT., Ph.D

No	Presenter	Title
1	Rintania Elliyati Nuryaningsih	Motion Graphic Animation for Public Service Advertisement
2	Rugaiyah A. Arfah	The Isolation of Termofil Amilolitik Bacterium and Activity Test of Harsh Extraxt Amylase Enzyme from The Hot Spring at Jailolo Bay in North Maluku
3	I Made Arsana	The Effect of Nanofluid Volume Fraction to The Rate of Heat Transfer Convection Nanofluid Water-Al ₂ O ₃ on Shell and Tube Heat Exchanger
4	Subuh Isnur Haryudo	The Effect of The Implementation of Project Based Learning On Learning Activities of Electrical Engineering Students
5	Sri Andriati Asri	Implementing Prototyping Method on Smart Village Application
6	H Y Riskiawan	Modelling Expert System For Lung Disease
7	P Mangera	Estimation Analysis of Long-Term Electrical Energy Needs In PT. PLN (Persero) P2B REGION MERAUKE Area Using Linear Regression Method
8	Sendy Lely Merly	Study Of Abundance And Edible Parts (Bydd) Of The Sea Snail (Gastropods) In Mangrove Ecosystem At Lampu Satu Beach And Payum Beach, Merauke District
9	Gardis Andari	Selection In Vitro Flower King Planlet With Polyethylen Glicol (Peg) 6000 On Drought As An Animal Feeding
10	Cintantya Budi Casita	Algorithm Analysis of Polynomial Mathematical Models of Noise Pollution due to Traffic Volume in The Region of West Surabaya
11	Zetta Rasullia Kamandang	Analysis of Noise Pollution due to Traffic Volume Based on The Types of Automotive Vehicles: A Study of West Surabaya Region
12	Rosida	Characterization of Soyghurt Synbiotic Drink from Soymilk and Purple Yam Extract
13	Mohammad Idhom	Network Security Applications Using the Port Knocking Method
14	E D Wahyuni	Integration at the Application Interface Level between SIAMIK and SIPERPUS (a Case Study in XX)
15	Meirna Eka Fitriasnani	The Effect of Anthocyanin of Purple Sweet Potato (Ipomoea Batatas L) on the Fas Expression in the Endometrial Epithelium Cell of White Rat (Rattus Norvegicus) Ovariectomy
16	Munasir	Magnetic Properties of Fe ₃ O ₄ @Graphene: Preparation from Natural Material
17	Meidya Koeshardianto	Soft Segmentation Using Image Registration Based on Nonlocal Matting
18	Muhammad Ali Syakur	Prediction of Student Acceptance Based on Android
19	Emon Rifai	The Effect Of The Submerged Arc Welding Parameters To Distortion On The Steel Joints
20	Yeni Kustiyahningsih	Adaptive Interval Trapezoid Fuzzy Number for Recommendation Systems E-Learning
21	Adi Kurniawan Saputro	Voltage Accuracy Level Analysis Output Auto Boost Converter with Fuzzy Logic method on Photovoltaic
22	Rosa Agustaniah	Logit model for the analysis of transportation mode choice in Berau Regency East Kalimantan
23	Dian Setiya Widodo	The Hybrid Ant Lion Optimization (HALO) for Flow Shop Scheduling Problem

Parallel Session 3
15.00 - 17.00 WIB
Room : Kahuripan
Moderator : Issa Dyah Utami, ST. MT., Ph.D

No	Presenter	Title
1	Saiful D Abdullah	Airwave Propagation Analysis on Amateur Radio Frequency 10 MHz in Island Areas
2	Tri Suyono	Theoretical analysis of green energy water supply system in Tidore island
3	I Made Arsana	The Influence of Baffle Gap to The Effectiveness of Shell and Tube Heat Exchanger with Helical Baffle
4	Danayanti Azmi Dewi Nusantara	Using ANN to Evaluate the Climate Data that High Affect on Calculate Daily Potential Evapotranspiration with Modified-Penman Method in The Tropical Regions
5	Ni Gusti Ayu Putu Harry Saptarini	Adaptive Genetic Algorithm for High School Time-Table
6	Sustin Farlinda	The Implementation of Bilateral Control Symmetrical Position, Force Reflection and Feedback Force on the Haptic Manipulator
7	Stenly Wairara	Effect of Tambelo (<i>Bactronophorus thoracites</i>) Extract for Body Weight on Male Mice (<i>Mus musculus</i>) During Physical Activity
8	Herry Kartika Gandhi	Implementation of Tabu Search Algorithm to Reduce Makespan in Multi-Skilled Labor Scheduling for The Assignment Problems
9	Putu Tantri Kumala Sari	Combined Effects Of PVD And Embankment Stage Construction To Reduce The Number Of Geotextile Reinforcement For Road Embankment Design
10	I N W Satiawan	Design and Control a High Gain Synchronous Buck Converter for a Solid State Distribution Transformer
11	Achmad Fachruddin Syah	Application of remotely sensed data and maximum entropy model in detecting potential fishing zones of Yellowfin tuna (<i>Thunnus albacares</i>) in the eastern Indian Ocean off Sumatera
12	Ilyas Masudin	Consideration Factors in the Application of Reverse Logistics in Indonesian Electronic Industry
13	Noverdo Saputra	Development of an Automatic Anti Pitching System (APS) Autonomous Surface Vehicle (ASV) for Fish Mapping
14	Fatanur Baity Tsulutsya	Determining Numbers of Coloring λ -Backbone On Split Graph
15	Nur Abdillah Siddiq	Optical Spectrum of Uncladded Fiber Bragg Grating for Glucose Concentration Measurement

Parallel Session 1 08.30 – 11.00 WIB Room : Singasari Moderator : Dr. Wahyudi Setiawan, S.Kom., M.Kom		
No	Presenter	Title
1	Wawan A.K Conoras	Modeling and Resource Classification Lateritic Nickel Deposits on a Heterogeneous Block in The Haul-Sagu Area using Estimation and Simulation Geostatistical Method
2	Witono Hardi	The Effect of Impact Velocity to the Reaction Force, The Deformation Length and The Deformation Mode on a Thin Aluminum Tube
3	Lilik Anifah	Industrial Monitoring and Controlling System on Pressure Machines Using Internet of Thing (IoT)
4	Nur Kholis	Contribution Model Thinking Electronic Digital Creative and Knowledge of Competence of Electrical Engineering Student Surabaya State University
5	I Nyoman Suamir	Field-based Analyses on Approach Temperatures for Performance Evaluation of Centralized Air Conditioning System in a Shopping Mall Building
6	I Nyoman Suamir	Experimental Study on the Prospective Use of PV Panels for Stand-alone Chest Freezer in Hot Climate Regions
7	Kasutjiani ngati	Growth And Multiplication Of Orchid Buds In Vitro With The Addition Of Corn (zea Mays) Andtomato (licopersicum Esculentum Mill) Extract
8	Tri Kustanti Rahayu	Application Report Process Of Islamic School Based On Pesantren Boarding Using Waterfall Model
9	Henry Soleman Raubaba	Structuring Area Tourism Development Based Merauke Buti Beach Informal Sector (Small Business)
10	Syamsul Bahri	Comparison of ICT Literacy Capabilities Of Physics Teachers in state and private schools in Merauke Regency
11	Enny Aryanny	Analysis of Quality Management by Implementing Total Quality Management Based on Deming Prize
12	Bambang Wahyudi	Synthesis and Characteristics of β -Tri-Calcium Phosphate from Green Mussel Shell
13	Sani	Synthesis of Tricalcium Phosphate From Eggshells with Precipitation Method
14	Prisa Marga Kusumantara	Detection of Relevant Career Track for Information System Undergraduates Using Profile Matching
15	Pratama Wirya Atmaja	Difficulty Curve-Based Procedural Generation of Scrolling Shooter Enemy Formations
16	M E Fitriasnani	The Influence of purple sweet potato toward Fas Epitel of White Rat
17	K I N Rahayu	The Effect of Ginger Extract (zingiber officinale roscoe) on the Number of Neutrophil Cells, Fibroblast and Epithelialization on Incision Wound
18	Fina Retnowati	The Effectiveness of Guided Inquiry Learning Devices Model for Practicing Student Scientific Literacy
19	Rosida Vivin Nahari	Detecting Text in the Scene Text Image Using Fast Fourier Transform
20	Fitri Damayanti	Detection and Identification Indonesia License Plate Using Background Subtraction Based on Area
21	Diana Rahmawati	Digital Filter Design for Classifying Coconut Ages using Blackman FIR and Elliptic IIR Filters
22	Deny Hermansyah	Evaluation of Hyper-Heuristic Method Using Random-Hill Climbing Algorithm in the Examination Timetabling Problem
23	Endah Sudarmilah	3D Interactive Multimedia in English Language Learning

Parallel Session 2 13.00 – 15.00 WIB Room : Singasari Moderator : Dr. Wahyudi Setiawan, S.Kom., M.Kom		
No	Presenter	Title
1	Yanny	Geochemical composition and morphology study of Major Minerals of Angus Stone from Gamalama Mountain, Ternate Island, Indonesia
2	Suyuti	Bamboo Pile Installed Into Soft Ground to Increase Required Reinforcement Force for Coastal Dike
3	Ita Fatkhur Romadhoni	A Tracer Study of Home Economics Department in Bachelor Culinary Graduates
4	Sri Handajani	Analisis of Hygienic Behavioral Intention on Student of Culinary
5	Lilik Sudiajeng	Assessment of the Effectiveness on Domestic Rainwater-harvesting Wells (SPAHUDO) in the Northern Area of Denpasar City Bali Indonesia Through Ergo-Hydrogeology Approach
6	Denny Trias Utomo	Determination of the Shortest Path in Web-Based Food Distribution
7	Yance Kakerissa	Use-Pole Bamboo Raft Foundation With Full-Scale Model Test Of Deformation Causeway Makassar New Port
8	Adrianus	Identification of Acetoin Producing Rhizobacteria as Rice Plant Growth Control (<i>Oryza sativa</i>) from The Rhizosphere of Elephant Grass Plant (<i>Pennisetum purpureum</i>) using Gas Chromatography Mass Spectrometry (GC-MS) and Scanning Electron Microscope (SEM)
9	R F Nikat	Scaffolding Computer Packet Instruction (scpi) To Analyze Student's Problem Solving Performance On Physics
10	Sri Redjeki	Low Sodium Healthy Salt by Dry Methods
11	Isni Utami	Vinasse Treatment With Aerobic Microbial Method Using Activated Sludge
12	Sukirmiyadi	The Role Of Contrastive Analysis In Translation Study
13	Agung Brastama Putra	Design and Development Executive Information System Application with Drilldown and What-If Analysis features
14	Asif Faroqi	Exploring Online Shoppers' Acceptance of Electronic Marketplace Using UTAUT and The Flow Theory
15	L D Indrasari	Value Chain Analysis and Supply Chain of Layang Fish in Prigi Fish Auction Trenggalek Regency, East Java Indonesia
16	Nur Ducha	Effect of Addition of Different Egg Yolks in Basic Tris-Soya Diluent on Quality, Membrane Integrity of Senduro Goat Sperm, and Free Radicals during Storage at Temperature of 4-5 C
17	Ari Kusumaningsih	Augmented Reality-Marker Detection Measurement on Heroes of Surabaya Mobile Games
18	Cucun Very Angkoso	Optimising The Tower-Defense Games With Advanced Local Cultural Content And A Greedy Algorithm
19	Arif Muntasa	Improvement of One-Dimensional Fisherface Algorithm to extract the Features (Case study: Face Recognition)
20	Muhammad Yusuf	A Novel Conceptual Model of e-Participation using Biometrics Technologies
21	Hakam Muzakki	Effect of Metal Inert Gas Welding Process Parameters to Tensile Strength on ST 37 Steel Sheet Joint
22	Muhammad Fuad	Robot Orientation Estimation Based on Single-Frame of Fish-eye Image
23	Mujianto	The Causality of Monosodium Glutamate Fourier Transform Infrared (FTIR) Absorbance Pattern with Wave Peaks from Several Seasoning Product (Savoury Flavors)

Parallel Session 3 15.00 - 17.00 WIB Room : Singasari Moderator : Dr. Wahyudi Setiawan, S.Kom., M.Kom		
No	Presenter	Title
1	Sabaruddin	Application of Pavement Condition Index (PCI) on the Assessment of the Kalumata Highway of the City of South Ternate
2	E R Ahadian	Public Service Quality in Sultan Babullah Airport Ternate (Case Study of Passenger Service)
3	Supari Muslim	Critical study of stem-based learning in order to develop century skills 21
4	Mutimmatul Faidah	The Values of Sustainability in Bali Bridal Makeup as Heritage Culture
5	I Putu Dody Lesmana	Manipulation of Virtual Environment to Examine Perception and Vision Aspects of Individuals Post-Stroke When Driving VRAC Simulator
6	MG Permadi	The Efficiency of Rawa Mayo Irrigation Channels in Kurik Sub-Distrik, Merauke
7	Fifin Ayu Mufarroha	Content Based Image Retrieval Using Two Color Feature Extraction
8	Vivi Tri Widyaningrum	Comparison of Automatic Water Taps Using Ultrasonic Sensors and PIR Sensors
9	Sri Wahyuni	Monitoring And Control Web Based System for Peanut At The Green House
10	Hairil Budiarto	Magnetic Braking System Using Electromagnetic Force
11	Mirza Pramudia	Prototype Design Of Automatic Anchovy Drying Robot Using Arduino ATmega 2560
12	Sigit Susanto Putro	The Determination of The Defender Position In Football Uses The Magiq (Multi-Attribute Global Inference Quality)Method
13	Arik Kurniawati	Introducing Virtual Reality for Learning Media in Schools in Indonesia
14	A Andriansyah	Using System Dynamic Model for Predicting Inventory of Rice Necessity
15	Aang Kisnu Darmawan	A model of smart regency framework using Meta-ethnography approach and TOGAF ADM 9.1

Parallel Session 1 08.30 – 11.00 WIB Room : Mataram Moderator : Dr. Hakam Muzakki, ST., MT		
No	Presenter	Title
1	Fitri Rohmah Widayanti	Analysis of Accessibility to City Transport Performance Based on Passenger Perception with Case Study: Tambak Osowilangun Terminal Route
2	Soeryanto	Analysis of HOTS Type Multiple-choice Test Items on Learning Automotive Electrical Systems in SMK Dharma Baahari Surabaya
3	Merry Muspita Dyah Utami	Addition Turmeric Extract on Ration To Reduce Fat Deposit of Broiler
4	Try Adrianto Darsono	Analysis Of WiFi Network Performance Using FDMI Method
5	A Prayitno	Measuring the Maturity Level of Information Technology Governance in the Informatics Engineering Department Using COBIT 4.1
6	D Muchlis	Quality of Chicken Eggs Aged 26 Months Supplemented With Herbal Medicine Containing Red Fruit Extract
7	Minarni Nur Trilita	Study of Hydrology Nunukan Raw Water Retention Basin in North Kalimantan
8	Novirina Hendrasarie	Resistance of Loading Loads in Surabaya River and Its Branch with Qual2KW Model
9	Budi Nugroho	The Face Recognition Performance in Every Lighting Condition of Testing Data
10	S A Ithriah	Online Learning Self-Efficacy: The Role in E-Learning Success
11	Siti Rohana Nasution	Improving Employees' Safety Behaviour On The Production Process By Designing Occupational Health And Safety System
12	S R Widodo	Designing Google Form based Information System for Submitting Students' Final Assignment's Title
13	E M Yunalia	The Influence of Autogenic Training towards Stress Level on People with HIV/AIDS
14	T Ilmi	Profile of Antibiotic Use and Germ Map in Pneumonia Patients in Pulmonary Space (Case Study at RSUD dr. Iskak. Tulungagung)
15	Isnawati	Cellulolytic Fungi Isolation and Identification from Fermetoge, Cattle Feed Composed of Fermented Water Hyacinth (Eichhornia crassipes) And Corn (Zea mays) Cob
16	Herlina Fitrihidayati	The Ability of Sagittaria lancifolia as Phytoremediator on Detergent Solution
17	Tarzan Purnomo	Plankton Diversity in Kondang Merak Beach District of Malang, East Java
18	Wahyudi Agustiono	A Conceptual Model of Mobile Expert System for Integrated Pest and Disease Control: The Case of MyCorn
19	Rifky Maulana Yusron	Effect Electrolyte Temperature and Electrode Distance to Electroplating Hard-Chrome on Medium-Carbon Steel
20	Mahrus K. Umami	Determining the Prayer Mat Size for Javanese University Students in Bangkalan
21	Indah Agustien Siradjuddin	Binary Classification using Convolutional Neural Network for Attributes Identification of Pedestrian Image
22	Issa Dyah Utami	Comparison of Scheduling Methods: Campbell Dudek Smith, Palmer And Dannenbring to Minimize Makespan
23	Yoga Nugraha Pryandika	Application Development Of Vehicle Counting and Classification Using YOLOV2

Parallel Session 2 13.00 - 15.00 WIB Room : Mataram Moderator : Dr. Hakam Muzakki, ST., MT		
No	Presenter	Title
1	R Endro Wibisono	Analysis on Calculation of Vehicle Operating Cost (VOC) Before and After Flyover & Road Widening Operation at Gedangan Intersection in Sidoarjo Regency
2	Erina Rahmadyanti	Constructed Wetland with Rice Husk Substrate as Phytotechnology Treatment for Sustainable Batik Industry in Indonesia
3	Rizza Wijaya	The Mathematical Analysis of the Drying of Cassava Grater by Using Pneumatic (flash) Dryer with Heat Recirculation Method
4	E Nurvitasari	The Use of The Edmodo Application in Blended Learning to Improve Cognitive Abilities of Senior High School Students
5	Nurhayati	Implementation of software geogebra on triangles
6	Nurcholis	Liquid Semen Quality of Po Cattle Supplemented Red Fruit Oil (RFO) in Ringer Lactate-Egg Yolk Equilibration Temperature
7	Eka Prakarsa Mandyartha	Global and Adaptive Thresholding Technique for White Blood Cell Image Segmentation
8	T L M Suryanto	Developing and Evaluating a Jejaka Virtual Campus Tour Prototype Using Auto-stitching Technique
9	Agussalim	Performance of Delay Tolerant Network Protocol in Smart City Scenario
10	Nila Nurlina	Maintenance of Peeler Onion based on Effectiveness
11	Dwikoranto	Increasing the Potential of Student Science Process Skills Through Project Based Laboratory
12	Sunu Kuntjoro	Preference Swiftlet Bird (<i>Aerodramus Fuciphagus</i>) Nesting At Different Sites In An Effort To Increase Nest Production
13	Yonathan Ferry Hendrawan	Comparing the Time Required for Dead End Filler and Wall Follower Algorithm in Solving Perfect Mazes
14	Muhammad Fuad	Translational Motion Estimation Using Kinect
15	Budi Dwi Satoto	Identification of Positive Gram Biopesticide Bacteria Using Fuzzy Clustering Level Set and Random Forest
16	Rullie Annisa	Biomechanical Modeling: how much punching operators' moment of force in punching process
17	Weny Findiastuti	Eco-efficiency Measurement of Indonesian Farming Using System Dynamic
18	Debrina Puspita Andriani	Risks analysis on digital platforms adoption to elevate SME businesses in developing country
19	A Saifudin	Feature Selection in Cross-Project Software Defect Prediction
20	A R Rhamdani	Precipitation Rate Investigation on Precipitated Magnesium Carbonate by Ultrasonic of Magnesium Bicarbonate
21	G Priyandoko	Development Neural Network Controller for Bridgeless Power Factor Correction Cuk Converter Voltage Tracking
22	TJ Suteja	Mechanical Properties of 3D Printed Polylactic Acid Product for Various Infill Design Parameters : A Review
23	P D Sentia	Disaster risk mitigation design for supply chain activities in Aceh : a case study

Parallel Session 3
15.00 – 17.00 WIB
Room : Mataram
Moderator : Dr. Hakam Muzakki, ST., MT

No	Presenter	Title
1	Farid Baskoro	Design of function generator using arduino due 12 bit dac
2	Setya Chendra Wibawa	Designing of Android Based Learning (Mobile Learning) for Multimedia Students
3	Budi Hariono	Mathematical Model of the Water Quality in Tlogo Ampel Watershed
4	D N Marpaung	Effect of Using Chems sketch On Teaching Molecular Shape of Hydrocarbon To Increase Student's Achievement
5	Wahyudi Setiawan	Denoising Convolutional Neural Network for Fundus Patches Quality
6	Riza Alfita	Designing a Diabetes Mellitus Detection Tool Using the Backpropagation Method
7	Noor Ifada	Application of Latent Factor Model on a Restaurant Menu Recommendation System
8	Mochammad Kautsar Sophan	Online Survey to support the IT Master Plan
9	Koko Joni	Misty Image Repair System with Dark Channel Prior and CLAHE
10	Dian Neipa Purnamasari	An Improved AES Key Generation in Audio Steganography
11	Dedi Tri Laksono	Comparative Measurement of Partial Discharge Using Spiral Antenna with RC Detector on High Voltage Equipment
12	Shofia Hardi	Data Mining Forecasting Sales of Building Materials on CV Forward Together in Surabaya With Use Time Series
13	Muttaqin Hardiwansyah	Parameter Identifiability of Phased-MIMO Radar with coherent receive arrays
14	Kemalasari	Medical Spirometer for Diagnosing COPD Base On The Measurement of FVC and FEV1
15	Mohammad Saeed	Odonata fauna of Swat, Khyber Pakhtunkhwa – Pakistan: Current status and threats