

Parallel Session Schedule

Time Slot	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
12.30-12.45	R.1.1. Experimental Convolutional-Recurrent Network in ECG Rhythm for Atrial Fibrillation Classification Annisa Darmawahyuni (University of Sriwijaya, Indonesia); Bambang Tutuko (Intelligent System Research Group Computer Science Faculty Universitas Sriwijaya Indonesia, Indonesia); Muhammad Naufal Rachmatullah (Universitas Sriwijaya, Indonesia); Siti Nurmaini (University of Sriwijaya, Indonesia); Firdaus Firdaus (Universitas Sriwijaya, Indonesia)	R.2.1. Optimizing SVM Hyperparameters using Predatory Swarms Algorithms for Use Case Points Estimation Ardiansyah Ardiansyah (Universitas Ahmad Dahlan, Indonesia); Ridi Ferdiana and Adhistya Erna Permanasari (Universitas Gadjah Mada, Indonesia)	R.3.1. Intelligent Sentiment Analysis on Cellphone Checking by Police Officer Barep Prasetyo (Indonesia); Yaya Sudarya Triana (University of Mercur Buana, Indonesia); Rahmat Budiarto (Al Baha University, Saudi Arabia); Deris Stiawan (University of Sriwijaya, Indonesia)	R.4.1. Supplier Selection in Transformer Production, and Research of The Effect on Financial Outputs Utku Balci (Galatasaray University, Turkey)	R.5.1. An integrated model based on the location-based services for Higher Educational Systems LBS-HES Ahmed Alshaflut (IT, Saudi Arabia)	R.6.1. Compact MIMO Antenna Array for 5G Applications Sabah Ghadeer (Universiti Teknologi Malaysia (UTM), Iraq); Sharul Kamal A. Rahim (Universiti Teknologi Malaysia, Malaysia); Taha Elwi (UPM, Malaysia)
12.45-13.00	R.1.2. Comparison of Machine Learning Performance for Covid-19 X-ray Image Classification Based on Texture Features Yessi Jusman (Universitas Muhammadiyah Yogyakarta, Indonesia); Wikan Tyassari (University of Muhammadiyah Yogyakarta, Indonesia); Ibnu Rahmat Siddik, Rika Nursanthika and Veby Yuly Sherly (Universitas Muhammadiyah Yogyakarta, Indonesia)	R.2.2. A dynamic task scheduling model for mobile cloud computing Zahraa A. Jaaz (Universiti Tenaga Nasional (UNITEN), Malaysia); Shaymaa Adnan Abdulrahman (Imam Jaafer Alsadiq & Ain shams, Iraq); Hanaa M. Mushgil (AlNahrain University, Iraq)	R.3.2. Fuzzy Cognitive Maps for Intelligent Agent's Artificial Situational Awareness in Collaborative Driving Context Rinta Kridalukmana, Dania Eridani, Risma Septiana, Adian Fatchur Rochim and Charisma Setyobudhi (Diponegoro University, Indonesia)	R.4.2. Wind Energy Prospect Assessment by Weibull Distribution on Tasikmalaya as Prospective Area Reza Istoni, Marizan Sulaiman and Zulkifilie Bin Ibrahim (Universiti Teknikal Malaysia Melaka, Malaysia); Britantyo Wicaksono (Politeknik Negeri Jakarta, Indonesia); Wibby Aldryani Astuti Praditasari (Indonesia Defense University & Universitas Pertahanan, Indonesia); Ikhwannul Kholis (Universitas Mpu Tantular, Indonesia)	R.5.2. Analysis Perceptions Regarding Student Exchange Using Simple Random Sampling and AHP Methods Orissa Octaria (University of Multi Data Palembang & Satya Wacana Christian University, Indonesia)	R.6.2. Large Scale Lightning Electromagnetic Interference to 4G Mobile Communication Network Muhammad Ammar Jamal Akbar, Mohd Riduan Ahmad and Shamsul Ammar Shamsul Baharin (Universiti Teknikal Malaysia Melaka, Malaysia); Mardina Abdullah (Universiti Kebangsaan Malaysia, Malaysia); Mohamad Zoinol Abidin Bin Abd Aziz (Universiti Teknikal Malaysia Melaka & Hang Tuah

Time Slot	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
						Jaya, Malaysia); Gaopeng Lu (University of Science and Technology of China & School of Earth and Space Sciences, China)
13.00-13.15	R.1.3. Natural language Processing and Ontology based Decision Support System for Diabetic Patients Ritesh Chandra and Sadhana Tiwari (Indian Institute of Information Technology Allahabad, India); Abhaya Shukla (Manipal Institute of Technology, India); Sonali Agarwal (Indian Institute of Information Technology, Allahabad, India); Muhammad Syafrullah and Krisna Adiyarta (Universitas Budi Luhur, Indonesia)	R.2.3. Author Classification on Bibliographic Data Using Capsule Networks Architecture Firdaus Firdaus (Universitas Sriwijaya, Indonesia); Wais Alqarni (Intelligent System Research Group, Indonesia); Siti Nurmaini and Annisa Darmawahyuni (University of Sriwijaya, Indonesia); Ade Sapitri (Universitas Sriwijaya, Indonesia); Muhammad Naufal Rachmatullah and Suci Dwi Lestari (Universitas Sriwijaya, Indonesia)	R.3.3. Monitoring System of Natural Disaster from Twitter Messages Using Support Vector Machine Casi Setianingsih (Telkom University, Indonesia)	R.4.3. Analysis of Starting Current And Electrical Energy In Three Phase Induction Motor As A Chemical Processing System In. PT RIAU ANDALAN PULP & PAPER Fadhli Palaha, Yolnasdi Yol, Ermawati Erma, Engla Harda Arya, Machda Machadalena and Eki Ki Rinal (Sekolah Tinggi Teknologi Pekanbaru, Indonesia)	R.5.3. People Tracking and Re-Identifying in Distributed Contexts: Extension Study of PoseTReID Ratha Siv, Matei Mancas and Bernard Gosselin (University of Mons, Belgium); Dona Valy (Institute of Technology of Cambodia, Cambodia); Sokchenda Sreng (Institute of Technology of Cambodia (ITC), Cambodia)	R.6.3. Emotions Identification of EEG Signals Using Capsule Neural Network and Gated Recurrent Unit Chania Ayu Lestari, Esmeralda Contessa Djamal, Fikri Nugraha and Fatan Kasyidi (Universitas Jenderal Achmad Yani, Indonesia)
13.15-13.30	R.1.4. Time and Frequency Domain Feature Selection Using Mutual Information for EEG-based Emotion Recognition Adhi Dharma Wibawa and Nur Fatih (Institut Teknologi Sepuluh Nopember, Indonesia); Yuri Pamungkas (ITS Surabaya, Indonesia); Monica Pratiwi, Prio Adi Ramadhani and Suwadi Suwadi (Institut Teknologi Sepuluh Nopember, Indonesia)	R.2.4. Improving the Accuracy of Text Classification Using the Over Sampling Technique in the Case of Sinovac Vaccine Muhammad Rizky Pribadi (Universitas Multi Data Palembang, Indonesia); Hindriyanto D Purnomo (Satya Wacana Christian University, Indonesia); Hendry Hendry (Chaoyang University of Technology & Satya Wacana Christian University, Taiwan); Kristoko Dwi Hartomo (Universitas Kristen Satya Wacana, Indonesia); Irwan	R.3.4. Forecasting indoor temperature for smart buildings with ARIMA, SARIMAX, and LSTM: A fusion approach Shashi Shekhar Kumar and Ashutosh Kumar (Indian Institute of Information Technology Allahabad, India); Sonali Agarwal (Indian Institute of Information Technology, Allahabad, India); Muhammad Syafrullah and Krisna Adiyarta (Universitas Budi Luhur, Indonesia)	R.4.4. Design and Implementation of an Internet of things Base Smart Energy Meter using Radio Frequency communication protocol Ahmed Ibrahim Elkassar (Arab Academy for Science and Technology)	R.5.4. Spelling Checking with Deep Learning Model in Analysis of Tweet Data for Word Classification Process Arif Ridho Lubis (Politeknik Negeri Medan, Indonesia); Mahyuddin K. M. Nasution, yudi (Universitas Sumatera Utara & Fakultas Ilmu Komputer dan Teknologi Informasi (Fasilkom-TI) USU, Indonesia); Opim Salim Sitompul and Elviawaty Muisa Zamzami (Universitas Sumatera Utara, Indonesia)	R.6.4. Development of Autonomous Control System using Self-Organizing Map and Autoregressive Self-Organizing Map Aqila Dzikra Ayu, Hansel Matthew, Iman Herlambang Suherman, Aries Subianto and Benyamin Kusumoputro (Universitas Indonesia, Indonesia)

Time Slot	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
		Sembiring (Universitas Kristen Satya Wacana Salatiga, Indonesia); Ade Iriani (Satya Wacana Christian University, Indonesia)				
13.30-13.45	R.1.5. Evaluation of Gated-Recurrent Unit for Estimating Finger-Joint Angle using Surface Electromyography Signal Zamroni Ilyas and Khairul Anam (University of Jember, Indonesia); Widjonarko Widjonarko (Universitas Jember, Indonesia); Cries Avian (National Taiwan University of Science and Technology, Taiwan); Aris Zainul Muttaqin (University of Jember, Indonesia); Mochamad Edoward Ramadhan (Ramadhan, Indonesia)	R.2.5. Energy Potential Estimation System Model To Produce Alternative Energy Briquettes Norbertus Tri Suswanto Saptadi (University of Hasanuddin, University or Atma Jaya Makassar)	R.3.5. USER SATISFACTION ANALYSIS OF PeduliLindungi APPLICATION USING END USER COMPUTING SATISFACTION (EUCS) METHOD Ahmad Yudistira and Hilal H. Nuha (Telkom University, Indonesia); Kusuma Adi Achmad (Telkom University & City Government of Pekalongan, Indonesia)	R.4.5. Construction of Slow and Fast Field Antenna for Detecting Lightning Strikes in South Sumatera Wiwin Armoldo Oktaviani (Universitas Sriwijaya); Muhammad Abu Bakar Sidik (Faculty of Engineering, Universitas Sriwijaya Ogan Ilir, Indonesia); Mohd Riduan Ahmad (Universiti Teknikal Malaysia Melaka, Malaysia); Muhammad Irfan Jambak and Rio YUSDIZALI (Universitas Sriwijaya, Indonesia)	R.5.5. Sentiment Analysis of Text Memes: A Comparison Among Supervised Machine Learning Methods Endah Asmawati (Institut Teknologi Sepuluh Nopember, Indonesia & Universitas Surabaya, Indonesia); Ahmad Saikhu (Institut Teknologi Sepuluh Nopember, Indonesia); Daniel Siahaan (Institut teknologi Sepuluh Nopember, Indonesia)	R.6.5. Design and Analysis of Multi-Core Fiber with SDM (Space Division Multiplex) Technology in Singapore to Surabaya via Southern Sea of Java Akhmad Sarif and Teuku Rafi (Universitas Indonesia, Indonesia); Tri Kushartadi (University of Indonesia, Indonesia); Catur Apriono (Universitas Indonesia, Indonesia)
13.45-14.00	R.1.6. Classification of Variant Covid-19 Using Boosting Algorithm Izzudin Muhammad (Institut Teknologi Sepuluh Nopember, Indonesia); Imam Mukhlash (Institut Teknologi Sepuluh Nopember Surabaya, Indonesia); Mohammad Jamhuri, Mohammad Iqbal and Mohammad Isa Irawan (Institut Teknologi Sepuluh Nopember, Indonesia)	R.2.6. Prediction of Non-Performing Loans For Credit Application Analysis of Rural Bank Using Random Forest Mutlara Annisa and Rusdah Rusdah (Universitas Budi Luhur, Indonesia)	R.3.6. The Analysis of Readiness and Acceptance of Learning Management System (LMS) Usage in Universities of East Java Fahrobby Adnan (University of Jember, Indonesia); Maulida Dwi Agustini (KH Achmad Siddiq State Islamic University, Indonesia); Lutfi Ariefianto (University of Jember, Indonesia)	R.4.6. Preliminary Analysis on State Vector and Computational Time of Dynamic State Estimation Nurul Fauzana Imran Gulcharan (Universiti Teknologi PETRONAS, Malaysia); Hanita Daud (Universiti Teknologi PETRONAS, Malaysia); Nursyarizal Bin Mohd Nor (Universiti Teknologi PETRONAS, Malaysia); Taib Ibrahim (Malaysia)	R.5.6. Ensemble Image Colorization using Convolutional Neural Network Kriztopher D Urmeneta (University of the Philippines Visayas Tacloban College, Philippines); Victor Romero II (University of the Philippines, Philippines)	R.6.6. On the Performance of a Composite Right Left Hand Electromagnetic Bandgap Structure Rana Riad Al-Taie (AL-Mustansiriya University, Iraq); Mustafa Mahdi Ali (Mustansiriya University, Iraq & Iraqi Engineering Union, unknown); Yasir Al-adhami (Al-Turath University, Iraq); Hind Salim Ghazi Action (Al-Turath University College Computer Engineering, Iraq); Noor Noori (Universiti Putra

Time Slot	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
						Malaysia, Malaysia); Taha Elwi (UPM, Malaysia)
14.00-14.15	R.1.7. Anomaly detection on MNIST stroke simulation dataset Ojas Vishwakarma (IIIT Allahabad, India); Sonali Agarwal (Indian Institute of Information Technology, Allahabad, India); Soundra Pandian (Ministry of Electronics and Information Technology New Delhi India, India); Muhammad Syafrullah and Krisna Adiyarta (Universitas Budi Luhur, Indonesia); Sanjay Kumar Sonbhadra (Siksha O Anusandhan Bhubaneswar India, India)	R.2.7. Data Fusion for Predictive Maintenance of Industrial Assets Using Digital Twin Christian Avornu (Huzhou University, China)	R.3.7. Utilization of Smart Greenhouse to Increase Chrysanthemum Growth in the Vegetative Phase by Monitoring Using Firebase Muhammad Tito Maiza Henanda, Hilal H. Nuha and Endro Ariyanto (Telkom University, Indonesia)	R.4.7. Relative Study of Intelligent Control Techniques To Maintain Variable Pitch-Angle of the Wind Turbine Snehal S. Andhale (Pune University, India); Vrushali Khataavkar and Neelima Kulkarni (Progressive Education Society Modern College of Engineering, India); Utkarsh Alset (Aethertec Innovative Solutions, India)	R.5.7. Improving Recommender Systems Performance with Cross-domain Scenario: Anime and Manga Domain Studies Rizal Broer Bahaweres (UIN Jakarta - IPB University, Indonesia & Computer-iEEE, Indonesia); Ahmad Ruslan Almujaiddi (State Islamic University Syarif Hidayatullah Jakarta, Indonesia)	R.6.7. Triple band fractal based on T stub waveguide for sub-6 of 5G Ahmed Raed Al-Tameemi (Al-Nisour University College, Iraq); Goh Chin Hock (Universiti Tenaga Nasional, Malaysia); Taha Elwi (UPM, Malaysia); Taha Raad Al-Shaikhli (Al-Nisour University College, Iraq)
14.15-14.30	R.1.8. Detection of Fetal Cardiac Chamber Three Vessel Trachea View using Deep Learning Ade Sapitri (Universitas Sriwijaya, Indonesia)	R.2.8. Best Lecturer Decision Support System Using Method Analytical Hierarchy Process (AHP) and Method SAW Nurhayati Nur Nurhayati (Universitas Budi Luhur, Indonesia); Dwi Pebrianti (International Islamic University Malaysia, Malaysia); Luhur Bayuaji (UMP, Malaysia)	R.3.8. Smart Attendance for Lecture with Physical Distancing Based on The Internet of Things (IoT) Hilal H. Nuha, Muhammad Johan Alibasa and Nur Fauzan Jundi Rabbany (Telkom University, Indonesia)	R.4.8. Identification of impedance changes in metal using RFID RC522 based on arduino uno Vector Pratomo and Wisnu Broto (Universitas Pancasila, Indonesia); Gunady Haryanto, GH (University of Pancasila, Indonesia); Untung Priyanto (Pancasila University, Indonesia)	R.5.8. Brain Tumor Detection on Magnetic Resonance Imaging (MRI) Images Using Convolutional Neural Network Rarasmaya Indraswari (Institut Teknologi Sepuluh Nopember, Indonesia); Indira Ardan (Institut Teknologi Sepuluh Nopember (ITS), Indonesia); Agus Arifin (Institut Teknologi Sepuluh Nopember Surabaya, Indonesia); Aris Tjahyanto (Sepuluh Nopember Institute of Technology, Indonesia); Nur Aini Rakhmawati (Institut Teknologi Sepuluh Nopember Surabaya, Indonesia); Renny	R.6.8. Stock Prediction of Multivariable Using Bi-Long Short Term Memory and Capsule Neural Network Ade Ridwan Nugraha (Universitas Jenderal Ahmad Yani, Indonesia); Esmeralda Contessa Djamal and Ridwan Ilyas (Universitas Jenderal Achmad Yani, Indonesia)

Time Slot	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
					Kusumawardani (Institut Teknologi Sepuluh Nopember (ITS), Indonesia)	
14.30-15.30						
15.30-15.45	R.1.9. Support Vector Machine Method for Predicting Children's Emotions Fildzah Aure Gehara Zhafirah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Rika Rokhana (Politeknik Elektronika Negeri Surabaya, Indonesia & Institut Teknologi Sepuluh Nopember, Indonesia)	R.2.9. Implementation of LSSVM in Classification of Software Defect Prediction Data with Feature Selection Thingkilia Finnatia Husin, Muhammad Rizky Pribadi and Yohannes Yohannes (Universitas Multi Data Palembang, Indonesia)	R.3.9. Combining Dynamic K-Means and Binary Search Centroid to Optimize Clustering Results on Home Industry Datasets Hadi Santoso and Hilyah Magdalena (ISB Atma Luhur, Indonesia)	R.4.9. Deep Learning Neural Networks Diagnosis of Power Transformer through Its DGA Data Hansel Matthew, Aqila Dzakra Ayu, Iman Herlambang Suherman, Aries Subianto and Benyamin Kusumoputro (Universitas Indonesia, Indonesia)	R.5.9. Fine-Grained Sentiment Analysis on PeduliLindungi Application Users with Multinomial Naive Bayes-SMOTE Imam Suyuti and Dewi Retno Sari S. (Universitas Sebelas Maret, Indonesia)	R.6.9. Meta-Heuristic Algorithm to Research on Path Planning Problem of Optical Fiber Transmission Network Suhad Qasim (University of Al-Nahrine, Iraq); Noor ALfaisaly (AL Nahrain University, Iraq); Ammar Ibrahim Majeed (Al-Nahrain University, Iraq)
15.45-16.00	R.1.10. Decision Support System using Weighting Similarity Model for Constructing Ground-Truth Dataset M. Miftakul Amin (Politeknik Negeri Sriwijaya, Indonesia); Deris Stiawan (University of Sriwijaya, Indonesia); Ermatita Ermatita (Sriwijaya University & Computer Science Faculty, Indonesia); Imam Much Ibnu Subroto (Universitas Islam Sultan Agung, Indonesia); Lukman Lukman (Directorat General of Higher Education Research and Technology, Indonesia)	R.2.10. Research on optimization strategy of medical data information security and privacy Haider Abdulshaheed (Baghdad College, Iraq); Sura Abdulmunem Mohammed Al-Juboori (Ministry of Higher Education and Scientific Research, Iraq); Intisar A.M Al-Sayed (Ashur University College, Iraq); Israa Al Barazanchi (College of Computing and Informatics & Universiti Tenaga Nasional (UNITEN), Malaysia); Hassan Muwafaq Gheni (Al Mustaqbal University College & Babylon University Collage of Engineering, Iraq); Zahraa A. Jaaz (Universiti Tenaga Nasional (UNITEN),	R.3.10. Comparison of Anomaly Based and Signature Based Methods in Detection of Scanning Vulnerability Ismail Puji Saputra (Universitas Muhammadiyah Metro & Universitas Amikom Yogyakarta, Indonesia); Ema Utami and Alva Muhammad (Universitas Amikom Yogyakarta, Indonesia)	R.4.10. Simulation of D-shaped Optical Fiber Sensor for Adulterant Traces in Liquid Petrochemical Najwa Azzahari (Universiti Teknologi Malaysia, Malaysia); Husni Hani Jameela Sapingi (Laser Center, Universiti Teknologi Malaysia, Malaysia)	R.5.10. Sentiment analysis on E-Marketplace User Opinions Using Lexicon-Based and Naïve Bayes Model Safitri Juanita, Krisna Adiyarta and Muhammad Syafrullah (Universitas Budi Luhur, Indonesia)	R.6.10. High Gain Defected Slots 3D Antenna Structure for Millimeter Applications Arkan M Majeed (Mustansiriyah University, Iraq); Taha Elwi (UPM, Malaysia); Zaid Asaad Abdul Hassain (2Al-Mustansiriayah University, Faculty of Engineering, Iraq)

Time Slot	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
		Malaysia)				
16.00-16.15	R.1.11. Comparison Of Naive Bayes And Support Vector Machine For Detecting Hoax In Indonesian Tweet Case Study Of Tweet Covid-19 Indra Indra, Suci Setiawati and Sukha Vaddhana (Universitas Budi Luhur, Indonesia)	R.2.11. Predicting Risk Matrix in Software Development Projects using BERT and K-Means Marzuki Pilliang (Esa Unggul, Indonesia); Munawar Munawar, Muhammad Hadi, Gerry Firmansyah and Budi Tjahjono (Esa Unggul University, Indonesia)	R.3.11. Feature Selection using Chi Square to Improve Attack Detection Classification in IoT Network: Work in Progress Zulhipni Reno Saputra Elsi (Univeritas Sriwijaya & Univeritas Muhamadiyah Palembang, Indonesia); Deris Stiawan (University of Sriwijaya, Indonesia); Ahmad Fali Oklilas (Faculty of Computer Science, Universitas Sriwijaya, Indonesia); Susanto Susanto (Sriwijaya University & Universitas Bina Insan, Indonesia); Kurniabudi Kurniabudi (STIKOM Dinamika Bangsa, Indonesia); Yesi Novaria Kunang (Universitas Sriwijaya & Universitas Bina Dharma, Indonesia); Mohd. Yazid Idris (Universiti Teknologi Malaysia, Malaysia); Rahmat Budiarto (Al Baha University, Saudi Arabia)	R.4.11. Control and Monitoring System Design Tunnel Light Using NodeMCU and Arduino Nano and networking Albert Gifson Hutajulu and Juara Mangapul Tambunan (ITPLN, Indonesia); Hendrianto Husada (INSTITUT TEKNOLOGI PLN Jakarta, Indonesia); Yani Prabowo (Computer Science & Universitas Budi Luhur, Indonesia)	R.5.11. Extraction of Event Sentence Information in the Covid-19 Distribution Location Detection System based on the Indonesian Language Corpus Erwin E, Fathoni Fathoni and Abdiansah Abdiansah (Universitas Sriwijaya, Indonesia)	R.6.11. Wifi-6 Antenna Design to Increase Data Traffic Offloading with HFSS and PCAAD Software Ruliyanta Ruliyanta (Universiti Teknikal Malaysia Melaka, FKEKK JI. Durian Tunggal Ayer Keroh Malaka & Universitas Nasional, Jakarta, Indonesia); Mohd Riduan Ahmad and Azmi Awang Md Isa (Universiti Teknikal Malaysia Melaka, Malaysia); Viktor Vekky Ronald Repi (Universitas Nasional, Indonesia)
16.15-16.30	R.1.12. Pot Detection System Using YOLO Adlian Jefiza, Muhammad Zainuddin Lubis, Diono Diono and Ahmad Maulana Prabu (Politeknik Negeri Batam, Indonesia)	R.2.12. Development of Knowledge Management System with Soft System Methodology in Aquatic Organization Anugerah Widi (STMIK GI MDP, Indonesia)	R.3.12. Implementation of the Affine Segmentation Point Method and Image Blending Techniques in Creating New Songket Motifs Agung Ramadhanu and Jufriadif Na'am (Universitas Putra Indonesia YPTK Padang, Indonesia); Gunadi Widi Nurcahyo (Universitas	R.4.12. IoT-Based Smart Parking Management System Using ESP32 Microcontroller Joni W. Simatupang (President University, Indonesia & NTUST, Taiwan); Aida Mahdalena Lubis (President University, Indonesia); Vincent Vincent (Institut Teknologi Bandung, Indonesia)	R.5.12. Software Defect Prediction using a combination of oversampling and undersampling methods Aizul Faiz Iswafaza (Sepuluh Nopember Institute of Technology (ITS), Indonesia); Siti Rochimah (Institut Teknologi Sepuluh Nopember, Indonesia)	R.6.12. A Novel Conformal MIMO Antenna Array based a Cylindrical Configuration for 5G Applications Ahmed Raed Al-Tameemi (Al-Nisour University College, Iraq); Taha Elwi (UPM, Malaysia)

Time Slot	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
			Putra Indonesia YPTK Padang, Indonesia); Yuhandri Yunus (Universitas Putra Indonesia YPTK Padang, Indonesia)			
16.30-16.45	R.1.13. Comparative Study Of Convolutional Neural Network And Haar Cascade Performance On Mask Detection Systems Using Matlab Faisal Ali Mahaputra (Mercu Buana University, Indonesia); Imelda Simanjuntak (Universitas Mercu Buana, Indonesia); Yuliza Yuliza Yuliza (University of Mercu Buana, Indonesia); Heryanto Heryanto (Universitas Pertahanan, Indonesia); Agus Rochendi (Badan Riset dan Inovasi Nasional, Indonesia); Lukman Silalahi (Universitas Mercu Buana, Indonesia)	R.2.13. An Information Security Policy Development Process in Higher Education Institution: A Case Study Setyawan Widyarto (Universiti Selangor, Malaysia); Wan Basri Wan Ismail (Management& Science University, Malaysia); Krisna Adiyarta and Muhammad Syafrullah (Universitas Budi Luhur, Indonesia); Laili Mardziah Tajuddin (Universiti Selangor, Malaysia)	R.3.13. Auto-Generating Business Process Model From Heterogeneous Documents: A Comprehensive Literature Survey Uce Indahyanti, UI (Institut Teknologi Sepuluh Nopember Surabaya & Universitas Muhammadiyah Sidoarjo, Indonesia); Arif Djunaidy (Institut Teknologi Sepuluh Nopember, Indonesia); Daniel Siahaan (Institut teknologi Sepuluh Nopember, Indonesia)	R.4.13. Lamp Brightness Control System Using First Order Sugeno Fuzzy Model Wahyudi Wahyudi (Departemen Teknik Elektro UNDIP, Indonesia)	R.5.13. Hops Plants Disease Detection using Feature Selection based BPSO-SVM Athiyyatul Farhanah and Wikky Fawwaz Al Maki (Telkom University, Indonesia)	R.6.13. An Investigation of Ultrashort Pulses Propagation in Atmospheric Turbulence of FSO Communications Ucuk Darusalam (Universitas Nasional, Indonesia); Purnomo Sidi Priambodo (Universitas Indonesia, Indonesia)
16.45-17.00	R.1.14. Cyberattack Feature Selection using Correlation-Based Feature Selection Method in an Intrusion Detection System Deris Stiawan (University of Sriwijaya, Indonesia); Ahmad Heryanto (Sriwijaya University, Indonesia); Mohd. Yazid Idris (Universiti Teknologi Malaysia, Malaysia); Rahmat Budiarto (Al Baha University, Saudi Arabia)	R.2.14. Optimization Sentiment Analysis using Naïve Bayes with Features Selection Chi Square and Information Denni Kurniawan (Universitas Budi Luhur, Indonesia)	R.3.14. Usability Analysis of My TelU Application Using System Usability Scale Fajar Angga Sigalingging (Telkom University & Telkom Indonesia, Indonesia); Muhammad Johan Alibasa and Hilal H. Nuha (Telkom University, Indonesia)	R.4.14. Carbon Monoxide Monitoring System based on IoT with Low Power Sensor Node for Indoor Applications Amalia Nur Hikmah and C. Bambang Dwi Kuncoro (National Chin-Yi University of Technology, Taiwan)	R.5.14. Analysis of Job Placement Based on Employee Competency Using Profile Matching Hari Soetanto and Painem Painem (Universitas Budi Luhur, Indonesia); Utomo Budiyo (Budi Luhur University, Indonesia)	R.6.14. Optimizing Detection Using Multiple Threshold to Combat Low SNR Regime in CRN Arief Marwanto (Universitas Islam Sultan Agung (UNISSULA) Semarang, Indonesia); Haikal Satria and Sharifah Kamillah Syed Yusof (Universiti Teknologi Malaysia, Malaysia)
17.00-17.15	R.1.15. Market Basket	R.2.15. Hybrid Method	R.3.15. E-counseling-	R.4.15. The Fuzzy PID	R.5.15. Grid-Search	R.6.15. Minkowski

Time Slot	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
	Analysis Using FP-Growth Algorithm On Retail Sales Data Muhammad Raihan Pradana, Muhammad Syafrullah, Hendri Irawan, Irawan Irawan, Joko Christian Chandra and Achmad Solichin (Universitas Budi Luhur, Indonesia)	for Churn Prediction Model in The Case of Telecommunication Companies Dwi Pebrianti (International Islamic University Malaysia); Desti Destiansari Istinabiyah (Budi Luhur University, Indonesia); Luhur Bayuaji (FSKPP, Universiti Malaysia Pahang, Malaysia); Rusdah Rusdah (Universitas Budi Luhur, Indonesia)	based Expressive Writing Therapy Platform for Overcoming Student Mental Health Problems Tiffany Nabarian, Yekti Wirani and Miftahussaadah Putri Siddiq (Nurul Fikri College of Technology, Indonesia); Aseptianova Aseptianova and M. Zalili Aziz (University of Muhammadiyah Palembang, Indonesia); Ananto Dwi Saputro (Badan Siber dan Sandi Negara, Indonesia)	Controller Performance in BLDC Motor Rotor Speed Variable Nana Sutarna, Bernadeta Purwanti and Lingga Suhadha (Politeknik Negeri Jakarta, Indonesia)	Integrated Optimized SVM Model for Breast Cancer Analysis Partho Ghose (Jagannath University, Bangladesh)	based Microwave Sensor for Material Detection Ali. Is Ismael Anwer (Mustansiriyah University, Iraq); Taha Elwi (UPM, Malaysia)