

2020 International Conference on Advancement in Data Science, E-learning and Information Systems (ICADEIS 2020)

**Lombok, Indonesia
20 – 21 October 2020**



**IEEE Catalog Number: CFP20W96-POD
ISBN: 978-1-7281-8273-5**

**Copyright © 2020 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

***** *This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP20W96-POD
ISBN (Print-On-Demand):	978-1-7281-8273-5
ISBN (Online):	978-1-7281-8272-8

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

Age Group Based Document Classification in Bahasa Indonesia	1
<i>Muhammad Iqbal Dwi Putra, Budi Irmawati, Wirarama Wedashwara, Dita Pramesti and Siti Oryza Khairunnisa</i>	
Correlation and Evaluation Analysis Using The Information System Success Model In Implementation of Enterprise Resource Planning (ERP) Supply Chain Management For Oil and Gas Industry	7
<i>Catur Sena Nugraha, Deden Witarsyah, Muhardi Saputra, Marheni Eka Saputri, Dedi Rianto and Jacques Bazen</i>	
Accuracy Analysis Transliteration Balinese Script-to -Latin Text Using Hexadecimal Labeling Method.....	11
<i>Arik Aranta, Deden Witarsyah, Santi Ika Murpratiwi and Jemal Abawajy</i>	
RGB Channel Analysis for Glaucoma Detection in Retinal Fundus Image.....	17
<i>Gibran Satya Nugraha, Baiq Amelia Riyandari and Edi Sutoyo</i>	
Internet of Things based Smart Small Scale Solar Energy Planning using Evolutionary Fuzzy Association Rule Mining.....	22
<i>Wirarama Wedashwara, I Wayan Agus Arimbawa, Andy Hidayat Jatmika, Ariyan Zubaidi and Tatang Mulyana</i>	
Implementation of COBIT 4.1 for Define and Maintain Infrastructure of Information Technology at Regional Public Hospital in West Nusa Tenggara	28
<i>Nadiyasari Agitha, Sri Endang Anjarwani, Media Isti Azizah and R Wahjoe Witjaksono</i>	
Classification of Building Cracks Image Using the Convolutional Neural Network Method .	33
<i>I Gede Pasek Suta Wijaya, Aditya Perwira Joan Dwitama, Ida Bagus Ketut Widiartha and Seno Adi Putra</i>	
Image Retrieval using Modified Multi Texton and Local Binary Pattern Rotation Invariant	39
<i>Fitri Bimantoro, Ashri Annisaak Aziz, Ario Yudo Husodo, Agus Eko Minarno, Arrie Kurniawardhani and Ahmad Musnansyah</i>	
Organization and IT Strategic Alignment, Determination of IT Process Priorities using COBIT 5	44
<i>Ridha Hanafi, Lili Adi Wibowo and Agus Rahayu</i>	
Exploring e-Commerce Usability by Heuristic Evaluation as a Compelement of System Usability Scale	50
<i>Tenia Wahyuningrum, Condro Kartiko and Arij Cahya Wardhana</i>	
Univariate Time Series Data Forecasting of Air Pollution using LSTM Neural Network ...	55
<i>Faqih Hamami and Iqbal Ahmad Dahlan</i>	
Learning-Analytics based Intelligent Simulator for Personalised Learning	60
<i>Nurfadhlina Mohd Sharef, Masrah Azrifah Azmi Murad, Evi Indriasari Mansor, Nurul Amelina Nasharuddin, Muhd Khaizer Omar, Normalia Samian, Noreen Izza Arshad, Waidah Ismail and Faaizah Shahbodin</i>	

Basketball Players Performance Analytic as Experiential Learning Approach in Teaching Undergraduate Data Science Course	68
<i>Nurfadhlina Mohd Sharef, Aida Mustapha, Muhammad Nor Azmi and Rosdiadee Nordin</i>	
Service Design through Subscription Scheme Business Model in Foodritious Start-up	75
<i>Engla Raafi and Muharman Lubis</i>	
Obtaining Value From The Constraints in Finding User Habitual Words.....	81
<i>Arif Ridho Lubis, Mahyuddin K M Nasution, Opim Salim Sitompul and Elviaawaty Musia Zamzami</i>	