



THE 2nd INTERNATIONAL CONFERENCE  
ON VOCATIONAL AND TECHNOLOGY  
Singaraja – Bali, November 1st 2019

## **Parallel Session Schedule**

Room : Janger 1  
 Moderator : I Nengah Eka Mertayasa, S.Pd.,M.Pd.  
 Time Keeper : I Made Dendi Maysanjaya, S.Pd., M.Eng.  
 Waktu : 13.00 - 16.10 WITA

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| 3      | 66       | Nyoman Sugihartini, Made Putrama, Made Windu Antara Kesiman and Luh Putu Eka Damayanthi              | Developing a Jobsheet for Basic Programming Based on Performance Assessment                                       |
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| 6      | 65       | A.A. Gede Yudhi Paramartha, Ni Wayan Marti and Kadek Yota Ernanda Aryanto                            | Comparison of classification model and annotation method for Undiksha's official documents                        |
| 7      | 84       | Komang Setemen, Luh Joni Erawati Dewi and I Ketut Purnamawan   | Open Source Software Implementation in Peer Assessment  |
| 8      | 30       | Komang Setemen, I Gede Sudirtha, Gede Rasben Dantes, Cokorda Istri Raka Marsiti, Putu Hendra Suputra | Developing an Inventory Information System Using Mobile Computing with Quick Response (2d-Barcode) and Geotagging |
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| 11     | 73       | Made Windu Antara Kesiman, Gede Aditra Pradnyana, I Made Dendi Maysanjaya                            | Balinese Glyph Recognition with Gabor Filters   |
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| 14            | 87              | Gede Rasben Dantes, Ni Komang Arie Suwastini and I Made Putrama | Gamelan Data Repository: The Implementation of Information and Communication Technology Preserving the Balinese Traditional Musical Orchestra |

Room : Janger 2  
 Moderator : Ida Bagus Pascima, S.Pd., M.Cs.  
 Time Keeper : I Made Edy Listartha, S.Kom., M.Kom.  
 Waktu : 13.00 - 16.10 WITA

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| 4      | 74       | Putu Wirayudi Aditama, I Nyoman Anom Fajaraditya Setiawan, Made Leo Radhitya, Kadek Ayu Ariningsih | Melajah Pupuh Bali Application "AngGita" as a Medium of Learning in Multimedia  |
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Room : Legong 1  
Moderator : I Nyoman Saputra Wahyu Wijaya, S.Kom., M.Cs.  
Time Keeper : I Gede Bendesa Subawa, S.Pd., M.Kom.  
Waktu : 13.00 - 16.10 WITA

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| 3      | 63       | Ni Made Yeni Dwi Rahayu   | Decision Support System for Determining the Location of internship program with Simple Additive Weighting Method (Case Study of Program Studi diluar Domisili Jembrana - Politeknik Negeri Bali) |
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| 7      | 82       | I Dewa Ayu Made Budhyani, Made Diah Angendari and I Gede Sudirtha       | THE EFFECTIVENESS OF USING AUDIO VISUAL MEDIA IN LEARNING OF FASHION DESIGN TO IMPROVE STUDENT'S SELF-EFICATION IN FASHION DESIGN EDUCATION STUDY PROGRAM  |
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| 12     | 21       | Dewa Gede Hendra Divayana, I Putu Wisna Ariawan, Agus Adiarta  | Content Validity of Quality Test Instrument the User Interface Design of THK-ANEKA-based Countenance Evaluation Application  |
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Room : Legong 2  
Moderator : I Wayan Sutaya, S.T., M.T.  
Time Keeper : Wayan Mahardika Prasetya Wiratama, S.Pd., M.Pd.  
Waktu : 13.00 - 16.10 WITA

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| 2      | 9        | Jefri Marzal and Syamsurizal Syamsurizal                        | The Development of a Trusted Mechanism in Building a Web Service to Ensure the Quality of Data and Information in the Jambi University Data Borang Application by Using the ADDIE Model |
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| 7      | 35       | Rizkyana Fathoni, Yusuf Latief, Rossy Armyn Machfudiyanto       | Landscape and Housekeeping Government Building Preventive Maintenance Guidebook Based on Work Breakdown Structure   |
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| 9      | 15       | Ketut Udy Ariawan, Gede Nurhayata, I Wayan Sutaya               | Development of Hexapod Robot Wall Follower  |
| 10     | 85       | I Putu Suka Arsa, I Gede Ratnaya and Nyoman Santiyadnya         | DEVELOPMENT OF INTERACTIVE MEDIA ON FORMATIVE TESTS IN PRODUCTIVE SUBJECTS OF TKL DEPARTMENT IN SMK NEGERI 1 LABUAPI, WEST LOMBOK   |



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| 12            | 44              | Ida Bagus Gede Agung Darmita, I Made Candiasa, Gede Rasben Dantes             | Planning Strategy of Regional Revenue Management Information Systems Using the Enterprise Architecture Planning (EAP) Approach (Case Study: BPKPD Klungkung Regency) |
| 13            | 46              | Ida Bagus Esa Windu Pradana, Gede Rasben Dantes, I Made Candiasa              | Strategic Planning of Information System at Dinas Pekerjaan Umum Dan Penataan Ruang Provinsi Bali  |
| 14            | 50              | I Putu Surya Pratama Wardhana, Gede Rasben Dantes, Yota Ernanda Aryanto Kadek | ANALYSIS OF DIGITAL IDENTITY TRANSACTIONS WITH BLOCKCHAIN ETHEREUM IN A CASE STUDY OF CREDIT APPLICATIONS AT THE BANK  |

Room : Oleg  
Moderator : Dr. Luh Joni Erawati Dewi, S.T., M.Pd.  
Time Keeper : Ketut Agus Seputra, S.ST., M.T  
Waktu : 13.00 - 16.10 WITA

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| 1      | 8        | Hideki Okubo   | Consideration of Issues and Countermeasures to Acquire Core Human Resources through Vocational Education to Improve Local Information Security in Japan   |
| 2      | 1        | Jamilu Mustapha Chedi and Ramlee Mustapha  | Development of a New Ergonomics-Based Technology Education Curriculum for Nigerian Universities: Needs Analysis   |
| 3      | 5        | I Ketut Darma, I Gede Made Karma and I Made Anom Santiana  | Need Analysis for Developing Applied Mathematics Teaching Materials Based on Blended Learning to Improve Communication and Problem Solving Abilities by the Students of State Polytechnic of Bali |
| 4      | 43       | Ida Bagus Gede Wahyu Antara, Gede Rasben Dantes, I Gede Aris Gunadi and Anak Agung Gede Bagus Ariana | Effect of Image Partitioning on Content-Based Image Retrieval using Color and Texture Features  |
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| 7      | 51       | Yusuf Latief, Rossy Armyn Machfudiyanto, Yusuf Djonli  | Preventive Maintenance of Mechanical Component Development Guideline on Government Building Based Work Breakdown Structure (WBS) to Improve Maintenance and Care Performance                      |
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| 11            | 79              | Dian Artanto, Eko Aris Budi Cahyono, Agus Siswoyo, Sukma MeganovaEffendi  | The effectiveness of learning in vocational education in mechatronics through making a simple simulation program |
| 12            | 80              | Eko Aris Budi Cahyono, Dian Artanto, Pippie Arbiyanti, Gregorius Heliarko   | Development of TRIZ Based Competency Test Material and its influence on improving problem solving skills.        |
| 13            | 2               | Made Artama, I Nyoman Sukajaya and Gede Indrawan  | Classification Of Official Letters Using Tf-Idf Method   |
| 14            | 45              | I Made Dwi Raka Mudiarta, Made Dwi Suta Atmaja, I Ketut Suharsana, Wayan Gede Suweca Antara, I Wayan Prasada Bharaditya, Gede Arya Suandirat, Gede Indrawan | Balinese character recognition on mobile application based on Tesseract open source OCR engine                   |