



**INTERNATIONAL CONFERENCE ADRI - 5**  
**"Scientific Publications toward Global Competitive Higher Education"**

**PROCEEDING**

**INTERNATIONAL CONFERENCE ADRI - 5**  
**"Scientific Publications toward Global Competitive Higher Education"**

**Publishing Institute**  
**DPD ADRI SULSEL**

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## **FOREWORD**

The theme of international conference ADRI – 5 is Scientific Publications toward Global Competitive Higher Education. This conference is an annual academic event that holds as a part of events series of inauguration to DPD ADRI SULSEL period 2017 - 2021. This proceeding consists of all accepted and supplementary paper. They are also presented in the conference. All papers are contributed by researchers who are not only academic member of ADRI but also those who come from many area disciplines such as teachers, practitioners, and students. It is hoped that this proceeding will be used well as academic references to share knowledge in produce quality scientific publication to build competitiveness of the higher education in the globalization era.

Makassar, 22 January 2017

Editor



## INTERNATIONAL CONFERENCE ADRI - 5

### “Scientific Publications toward Global Competitive Higher Education”

#### THE SCHEDULE OF INTERNATIONAL CONFERENCE ADRI - 5

Theater Room - 3<sup>rd</sup> Floor Pinisi Tower UNM, 21 January 2017

TIME	ACTIVITY	PRESENTER	PIC
08.00 – 09.00	Registration		Committee
09.00 – 09.05	Opening ceremony	<i>Master of Ceremony (MC)</i>	
09.05 – 09.10	Singing Indonesia Raya	Dirigent	
09.10 – 09.30	Inauguration of DPD ADRI Sulsel	Dr. Achmad Fathoni Rodli, M.Pd.	MC
09.30 – 09.40	Organizing Report	Chairman Committee Dr. Faizal Amir, M.Pd.	MC
09.40 – 09.50	Speech as Chairman of DPP ADRI Sulsel	Prof. Dr. Husain Syam, M.TP.	MC
09.50 – 10.00	Speech as Chairman of DPP ADRI	Dr. Achmad Fathoni Rodli, M.Pd.	MC
10.00 – 10.10	Speech of Ministry	Dr. Ir. Agus Puji Prasetyono, M.Eng. (Expert Staff of Ministry of Research, Technology and Higher Education)	MC
10.10 – 10.20	Speech of Vice Governor of South Sulawesi	Ir. Agus Arifin Nu'mang, M.Si.	MC
10.20 – 10.40	Cultural Action	Traditional Dance	MC
10.40 – 10.50	Souvenir Gift	Given by Chairman of DPD ADRI SULSEL	MC
10.50 – 11.00	Coffee Break		
11.00 – 12.00	Speech of Keynote Speaker (Expert Staff of Ministry of Research, Technology and Higher Education)	Dr. Ir. Agus Puji Prasetyono, M.Eng.	<b><u>Moderator:</u></b> Widya Karmila Sari
12.00 – 13.00	Lunch Break		Committee
13.00 – 15.00	Speech of Invited Speaker (Panel Session)	1. Prof. Dr. Ruzairi Abdul Rahim (UTHM Malaysia) 2. Dr. Ir. Gatot Hari Priowirjanto, M.Sc. (Director SEAMEO, Bangkok) 3. Dr. Achmad Fathoni Rodli (DPD ADRI Pusat) 4. Dr. Anton Muhibuddin (JSPS - Japan)	<b><u>Moderator:</u></b> Widya Karmila Sari, S.Pd., M.Pd.
15.00 – 17.30	Parallel Session Ballroom Lantai 2, Room 1	National & International Presenter	Moderator: Dr. Syafruddin Side
15.00 – 17.30	Parallel Session Ballroom Lantai 2, Room 2	National & International Presenter	Moderator: Dr. Hendrajaya
15.00 – 17.30	Parallel Session Ballroom Lantai 2, Room 3	National & International Presenter	Moderator: Dr. Wahira
15.00 – 17.30	Parallel Session P3G Lantai 3, Room 1	National & International Presenter	Moderator: Zaenal Abidin, M.Si.
15.00 – 17.30	Parallel Session P3G Lantai 3, Room 2	National & International Presenter	Moderator: Faisal Najamuddin, M.Eng.



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**THE SCHEDULE OF INTERNATIONAL CONFERENCE  
- PARALLEL SESSION -**

Ruang : Ball Room I Lt.2  
Moderator : Dr. Syafruddin Side, M.Si.

Time	SPEAKERS	INSTITUTION	PAPER
15.00 – 15.30	Nurlita Pertiwi	Universitas Negeri Makassar	Environmental Value Of River Bank
	Faizal Suyuthi	Fakultas Teknik Universitas Pejuang R.I	Correlational Study Of Environmental Science And Education Levels With Concern For Environment
	Muhammad Amin Syam <sup>1</sup> , Andi Ilham Samanlangi <sup>2</sup> , La Ode Muh. Yazid Amsah <sup>3</sup>	<sup>123</sup> Jurusan Teknik Pertambangan Fakultas Teknik Univrsitas Pejuang Republik Indonesia	Groundwater Modelling To Predict Flow And Negative Impacts Of Groundwater Abstraction
	Ritnawati <sup>1</sup> , Enny Tri Mahyuni <sup>2</sup> , Andi Amrullah <sup>3</sup>	<sup>1</sup> Jurusan Teknik Pertambangan Fakultas Teknik Univrsitas Pejuang Republik Indonesia	Acid Mine Treatment Method Bioremediation Coal Mine Using Bacteria And Thiobacillus Thiobacillus Ferrooxidans Thiooxidans
15.30 – 16.00	Nur Asia Umar <sup>1</sup> ), Sri Mulyani <sup>2</sup> ), Ida Suryani <sup>3</sup> ), and Muh.Hatta <sup>4</sup> )	<sup>1</sup> Faculty Fishery Cokroaminoto Makassar University, <sup>2</sup> Faculty Fishery Bosowa University <sup>3</sup> Faculty Agronomy Cokroaminoto Makassar University, <sup>4</sup> Faculty Marine Science and Fishery Hasanuddin University	Model And Simulation Of Relationship Tropodinamik Waters Of Lake Tempe, Wajo Disctrit.
	Slamet Widodo <sup>1</sup> , Saifuddin Sirajudin <sup>2</sup>	<sup>1</sup> Universitas Negeri Makassar <sup>2</sup> Hasanuddin University	Effect Long Drying On The Quality Of Flour Fish Mujahir ( <i>Oreochromis Mossambicus</i> ) And Fish Sardenilla ( <i>Sardinella Aurita</i> )
	Maimuna Nontji		Potential Analysis of Methane Gas Reduction by <i>Methanotrophs</i> Bacteria from Rice Field
	Muhammad Wiharto <sup>1</sup> , Herlinda Haruna <sup>2</sup> , Fatma Hiola <sup>3</sup> , Muhammad Wijaya <sup>4</sup> , Hamka L <sup>5</sup>	Universitas Negeri Makassar	Analysis Of Vegetation Saplings Used In Mixed Forest Burnt Bawakaraeng Mountain
16.00 – 16.30	Yiyin Klistafani	Politeknik Negeri Ujung Pandang	Experimental And Numerical Study Of Turbulent Flow Characteristic In Asymmetric Diffuser
	Adriyani Adam <sup>1</sup> , Sukardi <sup>2</sup> , Hasir <sup>3</sup> , Agus Erwin Ashari <sup>4</sup>	<sup>1</sup> Health Polytechnic of Mamuju <sup>2</sup> BKKBN of West Sulawesi Province	Factors Related To Early Age Marriage At Mamuju District
	Lilies Anggarwati Astuti	Universitas Muslim Indonesia	An Effect Of Centrifugation Speed, Centrifugation Duration, And The Use Of Anticoagulants (Edta And Citrate Acid 3.8%) Of The Quantity



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Time	SPEAKERS	INSTITUTION	PAPER
			Of Platelet Rich Plasma (PRP)
	Rukli	Universitas Muhammadiyah Makassar	Characteristics Analysis Of Math Items Type On Data Trend In International Mathematics And Science Study
16.30 – 17.00	Amal Said	Faculty of Agriculture Makassar Islamic University	Mastery Rights Of Agricultural Land Management In South Sulawesi
	Harapin H. A <sup>1</sup> , Napirah <sup>2</sup> , and S. Wanci <sup>3</sup>	Faculty of Animal Science, Universitas Halu Oleo	Body Weight And Carcass Percentage Of Male And Female Local Pigeon ( <i>Columbia Livia</i> ) In Kendari City
	Nurnaeni	Academy of Midwifery (AKBID) Gunung Sari Makassar	Analysis Of Effect Of Motivation Nurse Nursing Documentation Of Filling The Medical Record Files
	Nilawati Uly <sup>1</sup> , Ratnasari Iskandar <sup>2</sup> , and Ririn Eka Puspitasari S. <sup>3</sup>	<sup>123</sup> STIKES Mega Buana Palopo	Factors That Related With The Elderly Activeness In The Utilization Of The Elderly Posyandu
17.00 – 17.30	Musbir <sup>1</sup> , Sudirman <sup>2</sup> , and Ridwan Bohari <sup>3</sup>	Department of Fisheries, Faculty of Marine Science and Fisheries, Hasanuddin University.	The Resources Of Spiny Lobster ( <i>Panulirus</i> spp) In Southern Coastal Waters Of Bulukumba Regency
	Riza Sativani Hayati	Biology Education Department, Mumammadiyah Makassar University	Potential Leaf Extract <i>Orthosiphon Aristatus</i> As Growth Inhibitor Of <i>Candida Albicans</i>
	Nurfaizah AP.	Faculty of Education University Negeri Makassar	The Implementation Of Problem Based Learning (PBL) Model To Improve Critical Thinking Ability In Civics Learning To Fifth-Grade Students In SD Inpres 10/73 Bajoe Eastern Tanete Riattang District Of Bone
	Ambo Dalle	Universitas Negeri Makassar	The Effectiveness Of Cooperative Learning Model Concept Mapping In Learning Writing Skill In German Language



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#### THE SCHEDULE OF INTERNATIONAL CONFERENCE - PARALLEL SESSION -

Ruang : Ball Room 2 Lt.2  
Moderator : DR. Wahira, M.Hum

TIME	SPEAKERS	INSTITUTION	PAPER
15.00 – 15.30	Hardianto Djanggih <sup>1</sup> and Aan Aswari <sup>2</sup>	<sup>1</sup> Law Faculty Universitas Tompotika Luwuk <sup>2</sup> Law Faculty Universitas Muslim Indonesia	Information Technology Crimes Against Children As Victims
	Lu'mu	Fakultas Teknik , Universitas Negeri Makassar	Media Card For Anticorruption Learning On The Subject PkN (Pendidikan Kewarganegaraan) In Junior High School
	Kamri Ahmad <sup>1</sup> and Andi Arjuni K. Petta Lolo <sup>2</sup>	Indonesia Muslim University, Makassar, Indonesia	The Influence Of Political System On Corruption
	Rusdiana Junaid <sup>1</sup> , Rustan Santaria <sup>2</sup>	<sup>1</sup> Universitas Cokroaminoto Palopo	An Excursion As A Great Medium Of Writing Process
15.30 – 16.00	Ahmad	Universitas Negeri Makassar	Urgency Of Spiritual Therapy In Developing Quality Of Soul And Character Of Students At SMAN Makassar
	Umar	STISIP Muhammadiyah Sinjai	The Determinant Factors Toward The Effectiveness Of Supervision Function Of Local Parliament (DPRD) In Sinjai Regency
	Hariratul Jannah <sup>1</sup> , and Muammar Hasbullah <sup>2</sup>	Faculty of Letters, Universitas Muslim Indonesia	“Aru” As Traditional Poetry In Makassar The Study Of Stylistic
	Mahmudah	Universitas Negeri Makassar	Scientifics Markers In Academic Text
16.00 – 16.30	Fatoni <sup>1</sup> , Cahyo Yuwono <sup>2</sup> , Mohamad Annas <sup>3</sup>	<sup>123</sup> Faculty of Sport Science, Semarang State University	Understanding Soccer Players Of The Laws Of The Game 2010/2011
	Syamsuddin Maldun	Universitas Bosowa	Prospects For Public Private Partnership Infrastructure In South Sulawesi Province
	H. Joko Tri Brata <sup>1</sup> , La Ode Bariun <sup>2</sup> , and Asri Djauhar <sup>3</sup>	Sulawesi Tenggara University	Model Poverty Based Collaboration
	Najmi Kamariah <sup>1</sup> , Maryati Ismaili <sup>2</sup> ,	<sup>1</sup> Sekolah Tinggi Ilmu Administrasi Negara (STIA LAN)	An Integration of Servqual Method and Quality Function



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<b>TIME</b>	<b>SPEAKERS</b>	<b>INSTITUTION</b>	<b>PAPER</b>
	Abd. Rahman Kadir <sup>2</sup> , and Noer Bahri Noer <sup>2</sup>	Makassar <sup>2</sup> Universitas Hasanuddin	
16.30 – 17.00	Muhammad Jufri	Psychologi Faculty, Universitas Negeri Makassar	Talent Management: Toward Optimal Quality Of Human Resources
	Yusriadi Hala	STIE – YPUP	The Effectiveness of The Intensification and Extensification Strategy To Increase The Revenue Of Makassar City
	Sunardi	Universitas Negeri Makassar	Environmental Conservation Through Waste Management Of Car Repair Shop In Makassar City
	Moh. Ahsan S. Mandra	Universitas Negeri Makassar	Analysis Of Learning Assessment In Physics At Automotive Engineering Education Study Program State University Of Makassar





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#### THE SCHEDULE OF INTERNATIONAL CONFERENCE - PARALLEL SESSION -

Ruang : Ball Room 3 Lt.2  
Moderator : Dr. Hendra Jaya, M.T

TIME	SPEAKERS	INSTITUTION	PAPER
15.00 – 15.30	Risa Bernadip Umar <sup>1</sup> , Munawar <sup>2</sup> , Natsir Thamrin <sup>3</sup>	Fakultas Teknik Universitas Pejuang Republik Indonesia	Effect Of Heat Treatment On The Mechanical Properties Of Steel S45c Welding Process With Smaw (Shielded Metal Arc Welding)
	Andi Ilham Samanlangii <sup>1)</sup> Adi Tonggih <sup>2)</sup> and Moh.Khairid Noor <sup>3)</sup>	<sup>1,3)</sup> Mining Engineering Department, Universitas Pejuang Republik Indonesia (UPRI) <sup>2</sup> Geologi Department, Universitas Hasanuddin	Prospecting Iron Ore In Sabussalam Region Calendar In City Subulussalam, Aceh
	Heri Suryaman <sup>1)</sup> , Kusnan <sup>2)</sup> , Suparji <sup>3)</sup> , and Supari Muslim <sup>4)</sup>	<sup>1,2,3)</sup> Civil engineering, faculty of technique, surabaya state of university <sup>4)</sup> Electrical Engineering, faculty of technique, surabaya state of university	Developing KKNi Based Teaching Administration And The Problem Solving In Order To Increase The Learning Outcomes Of Students In Beam Structure-I Class, Civil Engineering, State University Of Surabaya
	Kusnan <sup>1)</sup> , and Agus Wiyono <sup>2)</sup>	Civil engineering, faculty of technique, surabaya state of university	Development Of Flood Countermeasures Model In Campus Of Ketintang UNESA Surabaya
15.30 – 16.00	Agus Budi Santosa	Electrical Department, of State University of Surabaya	The Development Of Learning Media To Improve The Results Of The Study Of Data Communication In Industrial Electronics Engineering Department At SMKN 1 Jetis Mojokerto
	Syamsidah	Faculty of Engineering, Universitas Negeri Makassar	Employer Relationship Patterns And Housemaids
	Hasanah <sup>1</sup> ; Muh. Nasir Malik <sup>2</sup> ; Elfira Makmur <sup>3</sup> ;	Faculty of Engineering , Universitas Negeri Makassar	Model Integration Of Discovery Learning With Contextual Teaching And Learning (DI-CTL MODEL) To Improve The Quality Of Learning In Vocational High School
	Sapto Haryoko <sup>1</sup> , Hendra Jaya <sup>2</sup>	Universitas Negeri Makassar	Alignment of Supply and Demand workforce Vocational School Graduates On Industry
16.00 – 16.30	Yasser A. Djawad <sup>1</sup> , Sutarsi Suhaeb <sup>2</sup>	Universitas Negeri Makassar	Role of Information Technology in Health Sector in Improving Health Care
	Muhammad Yahya	Universitas Negeri Makassar	Empowerment Of Dropout Students School By Training Of Servicing Motorcycle



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TIME	SPEAKERS	INSTITUTION	PAPER
	Muliaty	Creative Media State Polytechnic Makassar	The Design Of Tour Guide Application Based On Android
	Abdul Muis Mappalotteng <sup>1</sup> , Fathahillah <sup>2</sup> , Pattasang <sup>3</sup>	Technology and Vocational Education, Postgraduate, State University of Makassar	The Effectiveness Of Using Plc Trainer Panel System In The Practice Learning Of Operating Electromagnetic Control System In Vocational High School
16.30 – 17.00	Umami Rahmah	Universitas Negeri Makassar	Theatrical Mini Development Character Early Age Child at TK Melati UNM
	Muhammad Saleh <sup>1</sup> and Mayong Maman <sup>2</sup>	Universitas Negeri Makassar	Politeness Strategy Of Students' Speaking Skill In Learning Interaction
	Muhammad Basri D <sup>1</sup> , Andi Tenri Ampa <sup>2</sup> , and Sitti Halijah <sup>3</sup>	<sup>1</sup> Department of English, Faculty of Letters, UMI Makassar, <sup>2</sup> Department of English Education, Faculty of Teachers Training and Education, Unismuh Makassar, <sup>3</sup> Department of English Education, Faculty of Letters, UMI Makassar,	The Specified Patterns Of Noun Phrases Used By The Fourth Semester Students In Their Paragraphs
	Mahmud Mustafa	Universitas Negeri Makassar	Material Development Teaches Digital Electronic Gets Multimedia's Basis At Tech Education Majors Unm's Electronics



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- PARALLEL SESSION -**

Ruang : P3G Ruang I Lt.3  
Moderator : Zainal Abidin, SE., M.Si.

TIME	SPEAKERS	INSTITUTION	PAPER
15.00 – 15.30	Purnamawati <sup>1</sup> , Hasanah <sup>2</sup> , Nuridayanti <sup>3</sup>	Fakultas Teknik, Universitas Negeri Makassar	The Implementation Of Problem Posing Learning Model Of Subject Electrical Engineering
	Muhammad Ilham Bakhtiar <sup>1</sup> , Sinta Nurul Oktaviana K. <sup>2</sup>	1STKIP Andi Matappa.Pangkep	Cognitive Restructuring Application Techniques To Reduce Student Behavior In Academic Procrastination
	St. Asriati AM.	Fakultas Keguruan dan Ilmu Pendidikan, Universitas Muhammadiyah Makassar	The Use Of Predict-Explain-Observe-Explain In Improving The Students’ Speaking Ability At The Eleventh Year Of SMA Batara Gowa (An Experimental)
	Musripah <sup>1</sup> , Ismet Basuki <sup>2</sup> , Euis Ismayati <sup>3</sup> , and Supari Muslim <sup>4</sup>	<sup>1</sup> )SMKN 2 Boyolangu Tulungagung <sup>2),3)</sup> and <sup>4)</sup> Postgraduate Program of State University of Surabaya	The Effect Of Learning Styles And Learning Model Of Students Competence Subject Basic Design At State Vocational High School 2 Boyolangu
15.30 – 16.00	Mubasir <sup>1</sup> , Muchlas Samani <sup>2</sup> , Mochamad Cholik <sup>3</sup> , and Supari Muslim <sup>4</sup>	<sup>1</sup> )SMK Al- Huda Kediri <sup>2)3)</sup> and <sup>4)</sup> Postgraduate Program of State University of Surabaya	The Development Of Motorcycle Trainer Starting System Learning Media To Improve Students’ Learning Outcomes In Starting System Repairment Competence
	Jahja Nawawi <sup>1</sup> , Muclas Samani <sup>2</sup> , Ekohariadi <sup>3</sup> , and Fendi Achmad <sup>4</sup>	<sup>1</sup> )SMK PGRI 4 Kediri <sup>2),3)</sup> and <sup>4)</sup> Postgraduate Program of State University of Surabaya	The Effect Of Cooperative Learning Model Jigsaw Ii Toward The Students Learning Outcome Electric Light Vehicle Maintenance At State Vocational High School PGRI 4 Kediri
	Hendro <sup>1</sup> , Muchklas Samani <sup>2</sup> , Wayan Susila <sup>3</sup> , and Fandi Achmad <sup>4</sup>	<sup>1</sup> )SMK Al Huda Kediri <sup>2)3)</sup> and <sup>4)</sup> Postgraduate Program of State University of Surabaya	The Development Trainer Media Car Audio Systems To Improve Learning Outcomes Audio System Maintains Competency Skills In State Vocational High School Al Huda Kediri
	Sutikno <sup>1</sup> , Supari Muslim <sup>2</sup> Bambang Suprianto <sup>3</sup>	<sup>1</sup> )SMK Kediri <sup>2)</sup> and <sup>3)</sup> Postgraduate Program of State University of Surabaya	The Relationships Among Map Concept Learning Strategies, Lathe Practicum Learning Facilities, Teaching Skills, And Student Learning Outcome Of Grade XI Mechanical Engineering Of All Vocational Senior High Schools Kediri
16.00 – 16.30	Joko Sukariono <sup>1</sup> , Supari Muslim <sup>2</sup> , and Munoto <sup>3</sup>	<sup>1</sup> ) SMK Al Huda Kediri <sup>2)</sup> and <sup>3)</sup> Postgraduate Program of State University of Surabaya	The Effect Of Intellegent Quotient Level And Learning Media Of Automatic Transmission Service Subject Outcome Of Student At Xii Motorcycle Engineering Smk Al Huda Kediri
	Munirah <sup>1</sup> and Rahmah A. <sup>2</sup>	Prodi Magister Pendidikan Bahasa dan Sastra Indonesia	The Real Things Media In Writing Description Learning Of Student Grade X <sub>1</sub> MAN Pangkep



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TIME	SPEAKERS	INSTITUTION	PAPER
	Muhammad Yusri Bachtiar <sup>1*</sup> , Muhammad Akil Musi <sup>2</sup> , Syamsuardi <sup>3</sup>	<sup>1,2,3</sup> Prodi PG-PAUD Fakultas Ilmu Pendidikan Universitas Negeri Makassar	Developing Project Based Learning Method Using Media Recycling Waste At Group B Islamic Integrated Kindergarten Wihdatul Ummah Makassar
	Misykat Malik Ibrahim <sup>1</sup> , Muhammad Amri <sup>2</sup>	Tarbiyah and Teaching Faculty (FTK), Alauddin State Islamic University	The Evaluation Of Biology Education Study Program Of Tarbiyah And Teaching Faculty Of UIN Alauddin Makassar
16.30 – 17.00	Elidasari	STEI Triandra	The Effect Of Inquiry Learning Model To Student Having Field Independent Cognitive Style Toward Writing Skill Of Business Letter
	Ridwan <sup>1</sup> , Yansar <sup>2</sup> , and Dedi Kusnadi <sup>3</sup>	Faculty of Teacher Training and Education, Borneo Tarakan University	The Analysis Of Curriculum 2013 Textbooks For The Fourth Grade Students Viewed From The Aspect Of Content Feasibility
	Hikmawati Usman	Fakultas Ilmu Pendidikan Universitas Negeri Makassar	The Effect Of Using Audio Visual Media To Learning Outcomes Of Art, Culture And Skills Of Grade IV SD Negeri Mannuruki Tamalate District, Makassar City
	Ramly	Fakultas Bahasa dan Sastra Universitas Negeri Makassar	The Discrepancy Between Teaching Plan And Its Implementation
17.00 – 17.30	Riana T. Mangesa <sup>1)</sup> , and Anas Arfandi <sup>2)</sup>	<sup>1,2)</sup> Faculty of Engineering - Universitas Negeri Makassar	Review Of Implementation Values Of Character In The Subject On Vocational Education
	Muhammad Guntur	Study Program of Public Administration, Faculty of Social Sciences, State University of Makassar, South Sulawesi, Indonesia	Implementation Of Good Governance Principles On Transparency, Accountability And Participation Community In Indonesia



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**THE SCHEDULE OF INTERNATIONAL CONFERENCE  
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Ruang : P3G Ruang 2 Lt. 2  
Moderator : Faisal Najamuddin, S.Pd., M.Eng.

TIME	SPEAKERS	INSTITUTION	PAPER
15.00 – 15.30	Andi Paida	Program Studi Pendidikan Bahasa dan Sastra Indonesia	Effectiveness Of Application Technique Sentence Stock Exchange In Lesson Setting Paragraph Narrative Class X SMK Gunung Sari 1 Makassar
	Nahindi Putra Gitama <sup>1)</sup> , LuhWinaSadevi <sup>2)</sup> , Supari Muslim <sup>3)</sup> , and BambangSuprianto <sup>4)</sup>	<sup>1,2)</sup> Magister of Engineering and Vocational Education, Post Graduate State University of Surabaya, <sup>3,4)</sup> Professor of Engineering and Vocational Education, Post Graduate University of Surabaya,	Comparison Of The Learning Outcomes Of Courslab 2.4 And Power Point Media In PLC Course
	Syamsiarna Nappu <sup>1)</sup> , and Evi Angraeni <sup>2)</sup>	Universitas Muhammadiyah Makassar	Improving Students' Vocabulary Through Jigsaw Technique
	Herman H <sup>1)</sup> , and Hasruddin <sup>2)</sup>	Faculty of Sport Science, Universitas Negeri Makassar	Analysis Of Motivation Of Students Exercise Basketball SMAN 2 Polongbangkeng North District Takalar
15.30 – 16.00	Endang Ayu Patrianingsih <sup>1)</sup> , Ernawati S K <sup>2)</sup> , and Nurhayati B <sup>3)</sup>	<sup>1,2,3)</sup> Post Graduate State University Of Makassar	The Influence Of Discovery Learning Model Toward The Comprehension Of Biology Concept And Scientific Attitude Of Students At SMAN 3 Takalar
	Joko	Faculty of Engineering Unesa Surabaya	Development Learning Tool Problem Based Learning Model Direct Current Machines Lesson
	Wahyu Prima Agus <sup>1)</sup> , Achmad Munandar <sup>2)</sup> , Bambang Supriatno <sup>3)</sup>	Universitas Pendidikan Indonesia	Reasoning Analysis Of Junior High School Students Around The Settlement Of Indigenous Baduy In Response Environmental Issues
	Muhammad Khalifah Mustami	Biology Education Department, Teaching and Science Faculty, State Islamic University of Alauddin Makassar	Information Reception And Attitude Of Environmental Awareness On Secondary School Students
16.00 – 16.30	Ratna Dewi <sup>1)</sup> , Erwin Udding <sup>2)</sup>	<sup>1, 2)</sup> Muhammadiyah University of Makassar	University Students' Errors In Using Elliptical Constructions



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TIME	SPEAKERS	INSTITUTION	PAPER
	Akbar Iskandar <sup>1</sup> , Muhammad Rizal <sup>2</sup>	<sup>1</sup> STMIK AKBA	Item Quality Analysis Instrument In The College Entrance Test In The View Of The Expert Validator
	Mislia	UPRI	An Implementation Of Character Education In Scout Extracurricular Activity At SMPN 1 Maros
	Darlan Sidik	Universitas Negeri Makassar	Application Of ICT For Distance Learning In Cooperation Program Of State University Of Makassar
16.30 – 17.00	Farida Aryani <sup>1</sup> , Abdullah Sinring <sup>2</sup> , Muh. Rais <sup>3</sup>	Universitas Negeri Makassar	Conseling Guidance Services Using SIMPESA (Sistem Aplikasi Peminatan Siswa)
	Muhammad Jafar	Universitas Negeri Makassar	Professional Competence Development Of English Teachers In Indonesian Junior High School
	Bakharani Rauf	Universitas Negeri Makassar	Analisis Of Motivation And Interest Of Secondary High School Students To Continue The Study In Vocational High School
	Abd. Halim	Universitas Negeri Makassar	A Motivational Study On Learning English In The Extended Learning Program
17.00 – 17.30	Syamsiah D.	Universitas Negeri Makassar	Integrated Cooperative Model Application Reading Composition (CIRC) To Improve Understanding Learning Outcomes Of Reading Class V SD Negeri Sudirman II Makassar
	Umi Farida	Universitas Negeri Makassar	The Challenges Of Higher Education In Asean Economic Community (Aec)
	Eko Wagiyanto	Universitas Negeri Makassar	Policy Analysis On Prevention Of Child Dropout Of School Case Study: Movement Back To School In Mamuju
	Amirullah Abduh <sup>1)</sup> and Rosmaladewi <sup>2)</sup>	<sup>1)</sup> Universitas Negeri Makassar, Indonesia <sup>2)</sup> Politeknik Pertanian Negeri Pangkep, Indonesia	English Language Teaching In An Indonesian Primary School: Teachers' Perspectives

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