

**Rundown of The 4<sup>th</sup> Annual Internatioanal Seminar on Transformative Education and Educational Leadership (AISTEEL) 2019**

**Garuda Plaza Hotel, Medan, 23 – 24 September 2019**

**1st day (Monday, September 23, 2019)**

Time	Activities	PIC
15.00 – 20.00	Registration in Garuda Plaza Hotel	committee

**2nd day (Tuesday, September 24, 2019)**

Time	Activities	PIC/Moderator
07.00 – 08.30	Poster Sessions 1	Section Poster 1
08.30 - 09.00	<b>Opening Ceremony</b> 1. MC Speech 2. Traditional Welcome Dance 3. Indonesian National Anthem 4. Pray 5. Chairperson Report 6. Welcoming speech of Director of Postgraduate School 7. <b>MoU signing between Unimed and PSU - Thailand</b> 8. Welcoming speech and official opening of Rector of State University of Medan	MC
09.00 – 09.40	Plenary Lecture 1: <b>Prof. Dr. Syawal Gultom, M.Pd</b> (State University of Medan– Indonesia)	Moderator Section
09.40 – 10.25	Plenari Lecture 2 <b>Prof. W. L. Quint Oga-Baldwin</b> (Department of Education, Faculty of education and Integrated Art and Sciences, Waseda University - Japan)	Prof. Amrin Saragih, PhD (Panel)
10.30 – 11.15	Plenari Lecture 3 <b>Prof. Dr. Wu-Yuin Hwang</b> (Graduate Institute of Network Learning Technology National Central University, NCU - Taiwan)	
11.15 – 12.00	Plenari Lecture 4 <b>Prof. Dr. Ekkarin Sungtong</b> (Dean of Faculty of Education Prince of Songkla University - Thailand)	Mangara Simanjorang, PhD (Panel)
12.00 – 12.45	Plenari Lecture 5 <b>Asst. Prof. Patcharin Panjaburee, Ph.D.</b> (Mahidol University – Thailand)	
<b>12.45 – 13.30</b>	<b>Lunch Break/</b> Poster Sessions 2	Section Poster 2
<b>13.30 – 15.30</b>	<b>Parallel Session 1</b>	
15.30 – 16.00	Break/ Poster Sessions 3	Section Poster 3

15.50 – 18.00	<b>Parallel Session 2</b>	Moderator/Operator
18.00 – 19.00	Break/ Prayer	
19.00 – End	Banquet (Gala Dinner)	Consumption Section

### Schedule of Parallel Session for Oral Presentation

<b>Room:</b>	<b>Convention-1</b>	<b>Convention-2</b>	<b>Rajawali B-1</b>	<b>Rajawali B-2</b>
<b>Moderator :</b>	Prof. Dr. Edi Syahputra, M.Pd.	Prof. Dr. Anita Yus, M.Pd.	Prof. Abdul Hasan Saragih, M.Pd.	Dr. Fauziyah Harahap, M.Si.
<b>Time</b>	<b>Presenter (ID)</b>			
13.30 – 13.45	ABS-4	ABS-179	ABS-317	ABS-359
13.45 – 14.00	ABS-12	ABS-195	ABS-321	ABS-371
14.00 – 14.15	ABS-42	ABS-197	ABS-328	ABS-23
14.15 – 14.30	ABS-45	ABS-214	ABS-332	ABS-31
14.30 – 14.45	ABS-68	ABS-223	ABS-339	ABS-32
14.45 – 15.00	ABS-71	ABS-225	ABS-373	ABS-33
15.00 – 15.15	ABS-73	ABS-241	ABS-378	ABS-34
15.15 – 15.30	ABS-83	ABS-247	ABS-26	ABS-35
<b>15.30 – 16.00</b>	<b>Parallel Session Breaks</b>			
16.00 – 16.15	ABS-92	ABS-249	ABS-97	ABS-52
16.15 – 16.30	ABS-93	ABS-251	ABS-124	ABS-65
16.30 – 16.45	ABS-94	ABS-269	ABS-285	ABS-69
16.45 – 17.00	ABS-105	ABS-276	ABS-295	ABS-70
17.00 – 17.15	ABS-109	ABS-286	ABS-296	ABS-72
17.15 – 17.30	ABS-152	ABS-306	ABS-325	ABS-74
17.30 – 17.45	ABS-175	ABS-308	ABS-326	ABS-111
17.45 – 18.00	ABS-177	ABS-315	ABS-356	ABS-129

**Schedule of Parallel Session for Oral Presentation (Continued)**

<b>Room:</b>	<b>Executive</b>	<b>Cendrawasih</b>	<b>Parkit</b>	<b>Peacock</b>
<b>Moderator :</b>	Dr. Abdurahman Adisaputera, M.Pd.	Dr. Albadi Sinulingga, M.Pd.	Dr. Edy Surya, M.Si	Dr. Fitrawaty, SE., M.Si.
<b>Time</b>	<b>Presenter (ID)</b>			
13.30 – 13.45	ABS-156	ABS-80	ABS-369	ABS-98
13.45 – 14.00	ABS-159	ABS-113	ABS-5	ABS-99
14.00 – 14.15	ABS-173	ABS-117	ABS-8	ABS-104
14.15 – 14.30	ABS-174	ABS-263	ABS-11	ABS-106
14.30 – 14.45	ABS-208	ABS-337	ABS-13	ABS-107
14.45 – 15.00	ABS-219	ABS-375	ABS-14	ABS-140
15.00 – 15.15	ABS-229	ABS-376	ABS-18	ABS-149
15.15 – 15.30	ABS-230	ABS-36	ABS-21	ABS-151
<b>15.30 – 16.00</b>	<b>Parallel Session Breaks</b>			
16.00 – 16.15	ABS-238	ABS-54	ABS-22	ABS-153
16.15 – 16.30	ABS-248	ABS-91	ABS-40	ABS-154
16.30 – 16.45	ABS-262	ABS-134	ABS-47	ABS-157
16.45 – 17.00	ABS-264	ABS-170	ABS-48	ABS-158
17.00 – 17.15	ABS-265	ABS-171	ABS-64	ABS-160
17.15 – 17.30	ABS-280	ABS-277	ABS-78	ABS-161
17.30 – 17.45	ABS-350	ABS-294	ABS-79	ABS-163
17.45 – 18.00	ABS-365	ABS-330	ABS-84	ABS-165
18.00 – 18.15				ABS-169

**Schedule of Parallel Session for Oral Presentation (Continued)**

<b>Room:</b>	<b>Putri Bungsu</b>	<b>Family Room 1</b>	<b>Family Room 2</b>
<b>Moderator :</b>	<b>Dr. Ir. Nurfajriani, M.Si</b>	<b>Dr. Rahmatsyah, M.Si.</b>	<b>Dr. Hidayat, M.Si.</b>
<b>Time</b>	<b>Presenter (ID)</b>		
13.30 – 13.45	ABS-200	ABS-287	ABS-57
13.45 – 14.00	ABS-211	ABS-297	ABS-162
14.00 – 14.15	ABS-216	ABS-298	ABS-189
14.15 – 14.30	ABS-217	ABS-299	ABS-215
14.30 – 14.45	ABS-220	ABS-300	ABS-226
14.45 – 15.00	ABS-221	ABS-303	ABS-236
15.00 – 15.15	ABS-237	ABS-318	ABS-316
15.15 – 15.30	ABS-250	ABS-322	ABS-357
<b>15.30 – 16.00</b>	<b>Parallel Session Breaks</b>		
16.00 – 16.15	ABS-252	ABS-323	ABS-367
16.15 – 16.30	ABS-259	ABS-335	ABS-290
16.30 – 16.45	ABS-261	ABS-336	ABS-9
16.45 – 17.00	ABS-266	ABS-340	ABS-135
17.00 – 17.15	ABS-270	ABS-341	ABS-307
17.15 – 17.30	ABS-274	ABS-343	ABS-310
17.30 – 17.45	ABS-281	ABS-345	ABS-311
17.45 – 18.00	ABS-283	ABS-349	ABS-329
18.00 – 18.15	ABS-284	ABS-366	ABS-347

### Schedule of Poster Session

<b>Session 1 (07.00 - 08.30)</b>		<b>Session 2 (12.45 - 13.30)</b>	
<b>Personal In Charge: Dr. Elvis Napitupulu &amp; Dr. Elmanani Simamora</b>		<b>Personal In Charge: Dr. Rachmat Mulyana &amp; Mangaratua Simanjorang, P.hD</b>	
ABS-1	ABS-59	ABS-121	ABS-181
ABS-2	ABS-60	ABS-122	ABS-183
ABS-3	ABS-61	ABS-123	ABS-184
ABS-6	ABS-62	ABS-126	ABS-185
ABS-10	ABS-63	ABS-127	ABS-186
ABS-15	ABS-66	ABS-128	ABS-187
ABS-16	ABS-67	ABS-130	ABS-188
ABS-17	ABS-75	ABS-131	ABS-190
ABS-19	ABS-81	ABS-132	ABS-191
ABS-20	ABS-82	ABS-133	ABS-192
ABS-24	ABS-85	ABS-136	ABS-193
ABS-25	ABS-86	ABS-137	ABS-194
ABS-27	ABS-87	ABS-138	ABS-198
ABS-29	ABS-88	ABS-139	ABS-199
ABS-30	ABS-89	ABS-141	ABS-201
ABS-37	ABS-90	ABS-142	ABS-202
ABS-38	ABS-95	ABS-143	ABS-203
ABS-39	ABS-96	ABS-145	ABS-204
ABS-41	ABS-102	ABS-146	ABS-205
ABS-43	ABS-103	ABS-147	ABS-206
ABS-44	ABS-108	ABS-148	ABS-207
ABS-49	ABS-110	ABS-150	ABS-209
ABS-50	ABS-112	ABS-164	ABS-210
ABS-51	ABS-114	ABS-166	ABS-212
ABS-53	ABS-115	ABS-167	ABS-213
ABS-55	ABS-116	ABS-168	ABS-218
ABS-56	ABS-118	ABS-176	ABS-222
ABS-381	ABS-120	ABS-180	ABS-224

**Schedule of Poster Session: Session 3**

<b>Session 3 (15.30 - 16.00)</b>			
<b>Personal In Charge:</b> Dr. Saronom Silaban, M.Pd/ Dr. Mulyono, M.Si.			
ABS-227	ABS-256	ABS-301	ABS-352
ABS-228	ABS-257	ABS-302	ABS-353
ABS-231	ABS-258	ABS-305	ABS-354
ABS-232	ABS-260	ABS-309	ABS-355
ABS-233	ABS-267	ABS-312	ABS-360
ABS-239	ABS-268	ABS-313	ABS-361
ABS-240	ABS-271	ABS-314	ABS-364
ABS-242	ABS-272	ABS-319	ABS-368
ABS-243	ABS-273	ABS-320	ABS-370
ABS-244	ABS-278	ABS-324	ABS-372
ABS-245	ABS-279	ABS-331	ABS-374
ABS-246	ABS-282	ABS-334	ABS-385
ABS-253	ABS-288	ABS-338	ABS-386
ABS-254	ABS-289	ABS-342	ABS-382
ABS-255	ABS-293	ABS-348	ABS-383
ABS-384			

## Table of Contents

ID-Papers	Title	Page
[ABS-1]	<b>The Enhancement Difference of Eight Grade Students Mathematical Problem Solving Ability</b> <i>Adrina Fauza, E. Elvis Napitupulu, Nerli Khairani</i>	5
[ABS-2]	<b>Learning Media Development of Foklore Text Which is Based on Digital in the 10th Grade of SMK PAB 1 Helvetia</b> <i>Yogi Andriyan Zunaeidy, M. Oky Fardian Gafari, Abdurahman Adisaputera</i>	5
[ABS-3]	<b>The Development of Teaching Materials Explanatory Text Based on Interactive Multimedia of Students Class XI SMA Negeri 1 Sunggal</b> <i>Victorya Sianipar, Biner Ambarita, Abdurrahman Adisaputera</i>	6
[ABS-4]	<b>The Evaluation in Implementing the Curriculum of 2013 in Sport and Health Education Subject in State Junior High School in Percut Sei Tuan sub-district in academic year 2017/2018</b> <i>Dedi Asmajaya, Agung Sunarno, Sanusi Hasibuan</i>	6
[ABS-5]	<b>Translation Shift in the English Version of Musabaqah Tafsir Quran</b> <i>Muhajirah Binti Jamaluddin, Amrin Saragih, Anni Holila Pulungan</i>	7
[ABS-6]	<b>The Effect of Realistic Mathematical Learning Approach Towards Mathematical Communication Skill and Positive Attitudes of Students of Private Junior High School R.A. Kartini Sei Rampah</b> <i>Robet Kennedi Sianipar, Syafari, Wamington Rajagukguk</i>	7
[ABS-8]	<b>Types of Lexical Creation in Iis Dahlias Slang Words in Mamaku Hits</b> <i>Filzah Farhana Hasibuan, Sumarsih, Sri Minda Murni</i>	8
[ABS-9]	<b>The Effect of Learning Strategies and Achievement Motivation on Entrepreneurship Learning Outcomes of Scout Special Unit Education and Culture Program BP-PAUD Dan DIKMAS Sumatera Utara</b> <i>Johanes Pasaribu, Mukhtar, Julaga Situmorang</i>	8
[ABS-10]	<b>Analysis of Students Science Process Skill Respiration System Topic in Langsa City-Aceh</b> <i>Ajeng Lola Prianti, Melva Silitonga, Tumiur Gultom</i>	9
[ABS-11]	<b>Meaning Equivalence in Abdullah Yusuf Ali Translation of Surah al Waqiah into Indonesian</b> <i>Wirdatul Mardhiah, Siti Aisyah Ginting, Anni Holila Pulungan</i>	9
[ABS-12]	<b>Development of the Authentic Device Exposition Text Based on Higher Order Thinking Skills (Hots) in Class X Students Of Bandar Bener Meriah 1 High School</b> <i>Yuli Novita Sari, M. Oky Fardian Gafari, Isda Pramuniati</i>	10
[ABS-13]	<b>speech function in e talk show program</b> <i>Erni Wulandari, Berlin Sibarani, Didik Santoso</i>	10
[ABS-14]	<b>Translation Interference in Indonesian Version of Analisis Data Kualitatif of Miles and Huberman</b> <i>Isni Meira S</i>	11



<b>[ABS-15]</b>	<b>Biology Teachers Readiness in the Implementation of Curriculum 2013 at Public Senior High School in Medan</b> <i>Sheila Saza, Herbert Sipahutar, Mufti Sudibyo</i>	11
<b>[ABS-16]</b>	<b>Analysis of the Use of Media Technology on Soccer Shooting Skills Test Instruments</b> <i>Sabaruddin Yunis Bangun, Amir Supriadi, Ahmad Tarmizi</i>	12
<b>[ABS-17]</b>	<b>Sentence Acquired by Children of 2-2.6 Years Old in Bilingual Language Environment</b> <i>Laura Agustina Simamora , Berlin Sibarani, Amrin Saragih</i>	12
<b>[ABS-18]</b>	<b>Conversational Strategies in All Male and All Female Conversation</b> <i>Nurima Rizki Dongoran, Rahmad Husein, Anni Holila Pulungan</i>	13
<b>[ABS-19]</b>	<b>The Contribution of Multiple Intelligences Aspects on Science Process Skills of Senior High School Students in Ecology</b> <i>Riyanti, Binari Manurung, Mufti Sudibyo</i>	13
<b>[ABS-20]</b>	<b>Development of Learning Devices Based on Realistic Approaches to Increase Students Mathematical Reasoning in SMP Negeri 6 Medan</b> <i>Melisa, Hasratuddin, Sahat Saragih</i>	14
<b>[ABS-21]</b>	<b>Politeness Strategies in Mata Najwa Talk Show</b> <i>Ilham Dodi Trisna</i>	14
<b>[ABS-22]</b>	<b>Speech Acts in Ilc (Indonesia Lawyers Club) Talk Show Program</b> <i>Lisna Rifkadiana sirait, Busmin Gurning, T. Thyrhaya Zein</i>	15
<b>[ABS-23]</b>	<b>The Effectiveness of Ecology and Environment Textbook Based on Science Literacy and North Sumatras Local Potency in Improving the Biology Student Science Literacy in Senior High School</b> <i>Ivandi Sitompul, Binari Manurung, Rahmad Mulyana</i>	15
<b>[ABS-24]</b>	<b>Development of Training Aids (Remote Control and Headset) for Tunanetra Sprint Atletes</b> <i>Joni Nababan, Novita, Albadi Sinulingga</i>	16
<b>[ABS-25]</b>	<b>Analysis of Metacognition Difficulties and Mathematical Connections of Students Using the Jigsaw Type Cooperative Learning Model in the First Secondary School of One Lawe Bulan in Southeastern Aceh</b> <i>Nurvita , Bornok Sinaga , Mukhtar</i>	16
<b>[ABS-26]</b>	<b>Deposit Determinant Analysis in Bank Sumut</b> <i>Mangaradot Saur Anugerah Sinaga, Fitrawaty, Arwansyah</i>	17
<b>[ABS-27]</b>	<b>Development of Teaching Materials Based on Guided Discovery Learning Methods to Increase Mathematical Problem Solving of High School Students</b> <i>Rina Ananta Sumawardani Sitepu , Pergaulan Siagian, Yulita Moliq Rangkuti</i>	17
<b>[ABS-29]</b>	<b>Development of Teaching Materials Based on Batak Toba Culture to Increase the Ability of Mathematical Problem Solving</b> <i>Chrismanto Purba, Edy Surya, Mukhtar</i>	18
<b>[ABS-30]</b>	<b>Development of Mathematical Learning Devices Based on Model Problem Based Learning (Pbl) to Improve Mathematical Communication Skills of</b>	18

	<b>Jabal Noor Class Vii It School</b> <i>Rizka Putri Rahayu, Ani Minarni, Zul Amry</i>	
<b>[ABS-31]</b>	<b>The Implementation of School Literacy Movement at Elementary Schools in Medan</b> <i>Khalida Mustika Selian, Abdurahman Adisaputera, Edward Purba</i>	19
<b>[ABS-32]</b>	<b>The Development of Local Cultural Based Interactive Instructional Media in Learning English</b> <i>Nazlia, Julaga Situmorang</i>	19
<b>[ABS-33]</b>	<b>The Development of English Teaching Material Based on the Higher Order Thinking Skills (Hots) at Sailing Vocational High School</b> <i>Ria Lestari, Efendi Napitupulu</i>	20
<b>[ABS-34]</b>	<b>The Development of Instructional Video in Manicure for Vocational High School Students of Skin Beauty Department</b> <i>Purnama Sari, Sahat Siagian</i>	20
<b>[ABS-35]</b>	<b>The Development of Instructional Video in Drawing Illustration at Fine Arts</b> <i>Sri Juita Br Ginting, Abdul Hamid K</i>	21
<b>[ABS-36]</b>	<b>Development of Chemistry Practical Guide Book Innovative on General Chemistry Integrated Problem Based Learning Models</b> <i>Rhindra Pahlawan, Ramlan Silaban, Ida Duma Riris</i>	21
<b>[ABS-37]</b>	<b>Analysis of the Needs for Development of Problem Based Virtual Laboratory in Biological Lessons of First Grade Students</b> <i>Friska Damayanti Syahfitri, Mufti Sudibyoy, Binari Manurung</i>	22
<b>[ABS-38]</b>	<b>The Difference of Students Mathematical Problem Solving Ability and Self Regulated Learning Taught Contextual and Cooperative Learning Models</b> <i>Meytri Laurence Sihotang, Mulyono, Ani Minarni, Else Frine Tamba</i>	22
<b>[ABS-39]</b>	<b>The Effect Of Guided Inquiry Learning Model on Students Science Process Skills and Cognitive Ability About Water Cycle in Elementary School</b> <i>Rizqi Yusriana, Nurdin Bukit, Ely Djulia</i>	23
<b>[ABS-40]</b>	<b>Speech Act of The Oath Utterances of Doomsday in English Translation of The Al-Quran</b> <i>Habib Faisal Nasution</i>	23
<b>[ABS-41]</b>	<b>Development E-Learning Based MOODLE in Maritime Subjects in Class XI SMK Bahari Hang Tuah Belawan</b> <i>Ibrahim, R.Mursid, Sriadhi</i>	24
<b>[ABS-42]</b>	<b>Development of Thematic Teaching Materials Based on Local Culture at the Fourth Grade of Primary Schools in North Padang Lawas District</b> <i>Rahimul Harahap, Sugiharto, Waminton Rajagukguk</i>	24
<b>[ABS-43]</b>	<b>The pattern of extracurricular training in the athletic branch at the high school level in the same level as the city of Padangsidimpuan</b> <i>Syamsul Lubis, Tarsyad Nugraha, Amir Supriadi</i>	25
<b>[ABS-44]</b>	<b>Comparison of the Effect of Scientific and Conventional Learning on Creativity and Learning Outcomes of Physical Education</b> <i>Wicaksono, Albadi Sinulingga, Sabaruddin Yunis Bangun</i>	25

<b>[ABS-45]</b>	<b>Needs Assessment of Biology Learning Materials for Integration Curriculum in Chandra Kumala School</b> <i>Silvia Sabatini, Binari Manurung, Mufti Sudibyo</i>	26
<b>[ABS-47]</b>	<b>Translation of cultural terms in Mirah of Banda Novel</b> <i>Nurfitriani Padang</i>	26
<b>[ABS-48]</b>	<b>The Maitenance of Mandailing Language in Kecamatan Torgamba</b> <i>Putri Nurul Rahmadani Siregar</i>	27
<b>[ABS-49]</b>	<b>Analysis Feasibility Level of Practical Guidance Semiriset Based Guided Inquiry on BSNP for Senior High School</b> <i>Fridawati Siburian , Iis Siti Jahro, Retno Dwi Suyanti</i>	27
<b>[ABS-50]</b>	<b>Enhancing Students Mathematical Conceptual Understanding by Applying Guided Discovery Learning and Direct Learning Model</b> <i>Sri Rahwany Marbun, E. Elvis Napitupulu, Mulyono</i>	28
<b>[ABS-51]</b>	<b>The Effect of Learning Models and Learning Styles on Mathematics Learning Outcomes of Class XI Students in SMA 5 Tanjungbalai.</b> <i>Yusnina</i>	28
<b>[ABS-52]</b>	<b>The Effect of Brain Gym on the Memory of Kindergarten Children Aged 5-6 Years in Maitreyawira School.</b> <i>Jenny, Meta Br Ginting, Panni Ance L.Tobing</i>	29
<b>[ABS-53]</b>	<b>Analysis of the Difficulties of The Mathematical Creative Thinking Process in Problem Based Learning</b> <i>Elsa Nopita Sitorus, Bornok Sinaga, Izwita Dewi</i>	29
<b>[ABS-54]</b>	<b>Development of Learning Devices Based on Realistic Mathematic Education to Improve Mathematical Communication of Students at Senior High School</b> <i>Karina Hajar Hutasuhut, Hasratuddin, E. Elvis Napitupulu</i>	30
<b>[ABS-55]</b>	<b>The Developing of Interactive Learning Media in Improving The Learning Creativity of 4-6 Year-Old Playgroup Students in Paud Kenanga Raya Medan</b> <i>Romi, R.Mursid, Naeklan Simbolon</i>	30
<b>[ABS-56]</b>	<b>Effect of Analogy and Scientific Creativity Based Learning Model on Students Conceptual Mastery in Structure and Function of Cell Lesson Material Grade XI State High School Plus 2 Panyabungan.</b> <i>Hairunisa Novita, Herbert Sipahutar, Melva Silitonga</i>	31
<b>[ABS-57]</b>	<b>The Influence of Cooperative Learning Learning Models Type of Group Investigations (GI) and Science Process Skills (KPS) on Learning Outcomes of Style Material in Class V of SD Nasrani 2 Medan TP. 2018/2019</b> <i>Simamora, Monang Tua, Mara Bangun Harahap, Sondang R. Manurung</i>	31
<b>[ABS-59]</b>	<b>Developing the Mobile Learning-based Instructional Media of Excretion Systems in Increasing Students Concept Mastery at SMAN 1 Delitua</b> <i>Suci Handayani, Martina Restuati, Hasruddin</i>	32
<b>[ABS-60]</b>	<b>Developing the Guidebook of Insect Diversity at PTPN IV Sidamanik Tea Plantation.</b> <i>Winda Sari Gultom</i>	32
<b>[ABS-61]</b>	<b>An Analysis of Students High - Order Thinking Skills in Respiratory System</b>	33

	<b>Through a Scientifix Approach</b>	
	<i>Ongguk Rotua Napitupulu, Martina Restuati, Hasruddin</i>	
<b>[ABS-62]</b>	<b>Development of a Parent Engagement Learning Model Through Suggestion Box and a Corner of Pouring of Students Heart in Junior High School at Binjai</b>	<b>33</b>
	<i>Lenni Arta F. Sinaga, Biner Ambarita, Sukarman Purba</i>	
<b>[ABS-63]</b>	<b>An Analysis of Students Scientific Literacy Skills in State Senior High Schools throughout Central Tapanuli District</b>	<b>34</b>
	<i>Hotrimsyah Simbolon, Martina Restuati, Fauziah Harahap</i>	
<b>[ABS-64]</b>	<b>The Use of Anti-Language to Improve the Ability of Elementary Students of Grade 5 in Understanding the English Grammar</b>	<b>34</b>
	<i>Mery Silalahi</i>	
<b>[ABS-65]</b>	<b>Effect of Learning Approach and Interest in Learning on Science Learning Outcomes in Class VIII Medan Private Middle School in the first semester of Academic Year 2018-2019</b>	<b>35</b>
	<i>Juni Triana Sitompul, Baharuddin</i>	
<b>[ABS-66]</b>	<b>Education Management in the Autonomy Era</b>	<b>35</b>
	<i>Jonson Rajagukguk, Benyamin Situmorang</i>	
<b>[ABS-67]</b>	<b>Determinant Analysis of Islamic Banking Efficiency in Indonesia</b>	<b>36</b>
	<i>Rahmat Putra Ahmad Hasibuan, Dede Ruslan, Fitriawaty</i>	
<b>[ABS-68]</b>	<b>The Development of an Introducing Book for Insect Pollinators of Mangrove Forest on The East Coast of North Sumatera Based on The Research Result</b>	<b>36</b>
	<i>Rilly Andika, Syarifuddin, Mufti Sudibyo</i>	
<b>[ABS-69]</b>	<b>The Development of Process Skill Based Interactive Multimedia in Science</b>	<b>37</b>
	<i>Syahril Fazal, R. Mursid, Sriadhi</i>	
<b>[ABS-70]</b>	<b>The Development of Interactive Instructional Media Based on Behavioral Perspective to Improve the German Skills</b>	<b>37</b>
	<i>Hadijah Handayani Sibuea, Abdul Hasan Saragih</i>	
<b>[ABS-71]</b>	<b>Development of Guided Inquiry Green Chemistry Practicum Guides</b>	<b>38</b>
	<i>Ekin Dwi Arif Kurniawan, Nurfajriani, Ramlan Silaban</i>	
<b>[ABS-72]</b>	<b>The Development of Adobe Flash Media Integrated Problem Based Learning on Salt Hydrolysis</b>	<b>38</b>
	<i>Indriati Aulia, Albinus Silalahi, Marham Sitorus</i>	
<b>[ABS-73]</b>	<b>Development of Biochemical Laboratory Practical Guides Integrated Discovery Learning</b>	<b>39</b>
	<i>Ucia Mahya Dewi, Marham Sitorus, Ajat Sudrajat</i>	
<b>[ABS-74]</b>	<b>The Effect of Instructional Strategies and Social Interaction on Social Science Learning Outcome</b>	<b>39</b>
	<i>Fitri Amelia Ritonga, Abdul Muin Sibuea</i>	
<b>[ABS-75]</b>	<b>Evaluation of Policy for Inclusive Education in Early Childhood Education Institutions in Medan City</b>	<b>40</b>
	<i>Ditta Manullang, Eka Daryanto, Zainuddin</i>	
<b>[ABS-78]</b>	<b>Transitivity Shifts in Translating of the Novel Laskar Pelangi into English.</b>	<b>40</b>

*Mia Fitri Tinambunan*

- [ABS-79] **Code Switching in The English Classroom Interaction of The University of Muslim Nusantara Al Washliyah** 41  
*Edi Zulfikar, Amrin Saragih, Rahmad Husein*
- [ABS-80] **The Influence of Leadership Style Principal, Incentives, Motivation Teacher Working to Work Commitment of Langsa City High School Teachers** 41  
*Firza Syafriesti, Sri Milfayetty, Rosmala Dewi*
- [ABS-81] **The Effect of Learning Strategy and Interpersonal Communication on the Students Achievement Reading Comprehension English Language at SMP Negeri 1 Selesai Kabupaten Langkat** 42  
*Husna Lubis, Mukhtar, Dina Ampera*
- [ABS-82] **Policy Analysis of The Free Education Program Implementation in Medan 1 Public School 2017/2018 Academic Year** 42  
*Ilyas S. Sitorus, Eka Daryanto, Restu*
- [ABS-83] **Development of Character-Based Thematic Student Worksheets** 43  
*Nur Wahyuni, Wisman Hadi, Abdurrahman Adisaputera*
- [ABS-84] **Cognitive Consideration in Persuading Readers in Argumentative Writing** 43  
*Betharia br. Sembiring Pandia, Berlin Sibarani, Sumarsih*
- [ABS-85] **The Effect of Inquiry Learning Model and Group Investigation Learning Model on Students Cognitive Skill and Critical Thinking Skill in the Ecosystem Topic at SMA Bhayangkari 1 Medan** 44  
*Ahmad Fauzi, Ely Djulia, Idramsa*
- [ABS-86] **The Effect of Guided Discovery and Stad Learning Models on Students Critical Thinking and Scientific Process Skill on Environmental Pollution Topic in Mapn 4 Medan** 44  
*Ayyub JW Prayogi, Ely Djulia, Syahmi Edi*
- [ABS-87] **Differences in Students Mathematical Problem Solving Ability Given Guided Discovery Learning and Cooperative Learning STAD Type** 45  
*Nova Yanti Sinaga, Mukhtar, Syafari*
- [ABS-88] **Learning Innovation with Project Based Learning to Improve Students Thinking Skills on The Teaching of Organic Chemistry** 45  
*Jamalum Purba, Manihar Situmorang, Ramlan Silaban*
- [ABS-89] **The Effect of Learning Model and Creative Thinking at Vocational High School 7 Medan** 46  
*Nani Rahmawati, Mukhtar, R Mursid*
- [ABS-90] **Competency Analysis of Science / Biology Junior High School Teachers that Have Passed Certification in Aceh Tamiang Regency** 46  
*Nilawati, Ely Djulia, Syahmi Edi*
- [ABS-91] **Development of Conceptual Knowledge Test on Temperature and Heat In Senior High School** 47  
*Januarita Br Ginting, Sahyar Sah, Nurdin Bukit*
- [ABS-92] **Development of Science Teaching BooksBased on Fun Experiments for Early Childhood (5-6 year-olds) in the Kindergarten of Kutalimbaru Subdistrict,** 47

	<b>Deli Serdang Regency</b> <i>Hestika Dewi Sitepu , Rosmala Dewi, Wildansyah Lubis</i>	
<b>[ABS-93]</b>	<b>Development of Learning Modules Writing Fable Story contain the value of Character using Electronic Newspapers ( E-Paper Analisa Daily) in Class VIII YPI Middle School Amir Hamzah Learning Year 2018/2019</b> <i>Sisi Rosida</i>	48
<b>[ABS-94]</b>	<b>Designing Big Book as Media for Learning English Vocabulary</b> <i>Susanti, Amrin Saragih, Anni Holila Pulungan</i>	48
<b>[ABS-95]</b>	<b>The effect of The Organizational Culture, Work Satisfaction, Organizational Climate to Organizational Commitments of Private Basic School Teachers in Deli Serdang Regency, North Sumatra</b> <i>Aziz Azhar , Babby Hasmayni, Panningkat Siburian</i>	49
<b>[ABS-96]</b>	<b>Policy Analysis Implementation of 2013 Thematic Learning Curriculum (Case Study in Primary School St. Thomas Medan)</b> <i>Johannes Sohirimon Lumbanbatu, Eka Daryanto, Zainuddin</i>	49
<b>[ABS-97]</b>	<b>The Influence of Intelligence on Lecturers Performance in Private Universities , Medan City, Indonesia</b> <i>Nur Aisyah, Biner Ambarita, Abdul Muin Sibuea</i>	50
<b>[ABS-98]</b>	<b>The Role of The Single Mother of Parenting in Informal Education in Javanese Ethnic Families in Kualuh Hulu District, Labuhanbatu Utara Regency</b> <i>Suriyanti Siagian, Hidayat, Ratih Baiduri</i>	50
<b>[ABS-99]</b>	<b>Understanding The Character Education of Female Prisoners Through Formal Socialization at Labuhan Ruku Penitentiary</b> <i>Dian Puspita Sari Sirait , Ibnu Hajar, Ratih Baiduri</i>	51
<b>[ABS-102]</b>	<b>The Influence of Contextual-Inquiry Based Worksheet in Water Microbiology Material for Students Scientific Process Skills in FMIPA UNIMED.</b> <i>Diah Kesumawati, Hasruddin, Mufti Sudiby</i>	51
<b>[ABS-103]</b>	<b>The Effect of Project Based Learning and Problem Based Learning in The Order of Contextual Learning in Microbiology Lectures on The High Order Thinking Skills of Biology Students in FMIPA UNIMED</b> <i>Hafidatul Husna Siregar, Hasruddin, Tumiur Gultom</i>	52
<b>[ABS-104]</b>	<b>Education Based on Local Wisdom of Marsialapari Salak Farmers Sibangkua Village Angkola Barat, South Tapanuli</b> <i>Desy Andarini, Hidayat, Ibnu Hajar</i>	52
<b>[ABS-105]</b>	<b>Development of Learning Media Based on Problem Based Learning (Pbl) in Prakarya for Class Vii SMP 35 Medan in 2018/2019</b> <i>Ahmad Dahlan Siregar, Mukhtar</i>	53
<b>[ABS-106]</b>	<b>Rituals at The Tomb of Datuk Darah Putih as a Media for Non-Formal Education to Respect Ancestors (Chinese Ethnic Case Study in Aur Village, Medan Maimun District, Medan City)</b> <i>Gadis Anastasia, Usman Pelly,. phil. Ichwan Azhari</i>	53
<b>[ABS-107]</b>	<b>] Men Participation in The Use of Vasectomy Contraceptive Method and its</b>	54

**Implication on Family Education**

*Ilham Syahputra , Hidayat, Ratih Baiduri*

<b>[ABS-108]</b>	<b>Policy Analysis Application of Zonation System of New Student Admission 2018/2019 at Sunggal State High School 1, Deli Serdang District</b>	54
	<i>Asaaro Laia, Eka Daryanto, Restu</i>	
<b>[ABS-109]</b>	<b>] Development of Student Worksheets Based on Problem Based Learning to Improve Students Critical Thinking Ability</b>	55
	<i>Rizki Aulia Elissa, Reh Bungana Boru Perangin Angin, Dede Ruslan</i>	
<b>[ABS-110]</b>	<b>Development of Volleyball Smash Aid Media for FIK Students in Medan State University in 2019</b>	55
	<i>Aris Hadiana, Sanusi Hasibuan, Amir Supriadi</i>	
<b>[ABS-111]</b>	<b>The Development of E-Learning Based Instructional Model in Learning English</b>	56
	<i>Lona Marlina, Efendi Napitupulu</i>	
<b>[ABS-112]</b>	<b>Development of Mathematical Learning Devices Through Geogebra-Assisted Problem Based Learning to Improve Mathematical Problem Solving Ability of High School Students</b>	56
	<i>Nurmillah Br Sembiring, Asmin , Edy Surya</i>	
<b>[ABS-113]</b>	<b>Policy Analysis of Internal Quality Assurance System at Midwifery Major of Poltekkes Kemenkes Medan (Applies to George C. Edwards theory)</b>	57
	<i>Rismahara Lubis, Eka Daryanto, Restu</i>	
<b>[ABS-114]</b>	<b>Policy Analysis of Lecturer Performance in Participation in Research And Scientific Publication in D-III Study Program and Midwifery D-IV Study Program Medan Ministry of Health Health Polytechnic</b>	57
	<i>Efendi Sianturi, Eka Daryanto, Restu</i>	
<b>[ABS-115]</b>	<b>Qualitative Analysis of Metacognition Ability and Creativity Thinking with Jigsaw Cooperative Learning Model.</b>	58
	<i>Ratu Natalia Perangin-angin, Bornok Sinaga, Edi Syahputra</i>	
<b>[ABS-116]</b>	<b>Development of Colored Shuttlecocks as a Badminton Learning Media</b>	58
	<i>Devi Fitriyanti, Nurhayati Simatupang, Agung Sunarno</i>	
<b>[ABS-117]</b>	<b>Model of effective school management of modern boarding school in northern Sumatra</b>	59
	<i>Astri Novia Siregar, Benyamin Situmorang, Zainuddin</i>	
<b>[ABS-118]</b>	<b>Interactive Multimedia-based Learning Materials Innovation for Teaching Basic Technical in Analysis</b>	59
	<i>Yuni Chairani, Ajat Sudrajat, Muhammad Yusuf</i>	
<b>[ABS-120]</b>	<b>Literacy Ability of Student Information at the Faculty of Sport Sciences Universitas Negeri Medan</b>	60
	<i>Nur Kholilah Harahap, Nurhayati Simatupang, Albadi Sinulingga</i>	
<b>[ABS-121]</b>	<b>The Effect Model of learning and Learning Interest Against the results of Learning the IPA primary school (SD) in Medan, North Sumatera</b>	60
	<i>mida lishanata, Abdul Muin Sibuea, Samsidar Tanjung</i>	
<b>[ABS-122]</b>	<b>Establishment of Character Through Boarding School Education Students in</b>	61

**Pondok Pesantren**

*Babby Hasmayni, Farida Hanum Siregar, Azhar Aziz*

- [ABS-123] **Development of Interactive Media on subjects of Arabic Language at Mts Darul Hikmah Desa Teluk Meku Langkat** 61  
*Nurul Amri, R. Mursid, Ibrahim Gultom*
- [ABS-124] **The Influence of Organizational Culture, Conflict Management, Prosedural Justice and Satisfaction in Jobs on Lecturer s Normative Commitment at Christian Theological Colleges in North Sumatra** 62  
*Betty Arli Sonti Pakpahan, Belferik Manullang, Siman Nurhadi*
- [ABS-126] **Type of Language Style Used by Teachers in Classroom Interaction** 62  
*Muhammad Hasril Fakhurrozi, Amrin Saragih, Syahron Lubis*
- [ABS-127] **Enhancing The Capability of Language Teachers In Developing Lesson Plans Through Academic Supervision of Personal Conversation Technique In SMP Negeri 1 Moroo West Nias Regency** 63  
*Satria Kris Ratna Waruwu, Yasaratodo Wau, Sukarman Purba*
- [ABS-128] **Difference Think Critical Ability and Problem Solving Ability Mathematical of SMP Negeri 3 Sibabangun Using Learning Model Metacognition and Model Inquiry** 63  
*Amii Mardiyah Sipahutar, Bornok Sinaga, Edi Syahputra*
- [ABS-129] **The Influence of Leadership Behavior, Work Motivation, Job Stress, and Job Satisfaction on Lecturers Performance at the University of Langsa** 64  
*Hanafiah, Biner Ambarita , Paningkat Siburian, Akmaluddin*
- [ABS-130] **Difference of Imajinary Exercise, Real Exercise and Imajinary Training and Real Exercise Combination on Increasing Free Throw Results Basketball in Medan-1 State High School** 64  
*Abdul Latif Rusdi, Agung Sunarno, Budi Valianto*
- [ABS-131] **Development of Attitude Instruments Assessment in the Physical Education Learning in All the Islamic senior height School Tanjungbalai** 65  
*Hasanul Fadhilah Marpaung, Amir Supriadi, Tarsyad Nugraha*
- [ABS-132] **Improvement of Mathematical Communication Skills and Mathematical Creativity of Grade VIII Students Range through Implementation of Problem Based Learning Learning Model** 65  
*Dicky Ardian, Waminton Rajagukguk, Yulita Molliq Rangkuti*
- [ABS-133] **The Effect of Emotional Intelligence, Leadership, Work Motivation and Work Satisfaction to the High School Teacher Organization Commitments in The City of Banda Aceh Aceh Province** 66  
*Akmaluddin, Rosmala Dewi, Paningkat Siburian*
- [ABS-134] **The Increasing of Students Mathematics Critical Thinking Ability and Self Efficacy through Problem Based Learning in Junior High School of Dwitunggal Tanjung Morawa** 66  
*Yunita Sari, Edy Surya, Asmin*
- [ABS-135] **The Influence of Cooperative Learning Models and Talent of Space Relations to Learning Drawing Techniques for Class X Students in Vocational High School** 67



*Dian Ariana, Abdul Hamid K , Mukhtar, Maria Ulfa*

<b>[ABS-136]</b>	<b>Learning for Basic Movement of Pencak Silat With Games for Basic School Students, Muhammadiyah Tanjung Sari in Kota Medan</b> <i>Muhammad Andri Fahrian, Nurhayati Simatupang, Suprayitno</i>	68
<b>[ABS-137]</b>	<b>he influence of leadership, work climate, professional competence and work motivation on the performance of Medan city junior high school teachers</b> <i>Roslina Maria Sinaga, Irsan Rangkuti, Benyamin Situmorang</i>	69
<b>[ABS-138]</b>	<b>The Effect of Learning Media and Learning Motivation of French Language</b> <i>Pajid Bukit</i>	69
<b>[ABS-139]</b>	<b>The Effect of Learning Leadership, School Culture, Work Stress and Achievement Motivation on Teacher Performance in State High School City of Gunungsitoli</b> <i>Yustinus F. Waruwu; Benyamin Situmorang; Tiur Asih Siburian</i>	70
<b>[ABS-140]</b>	<b>Class Action Research: Measuring Integration of Character Education in Language Learning</b> <i>Titim Eliawati , Dina Irmayanti Harahap</i>	70
<b>[ABS-141]</b>	<b>The Use of Problem Based-Learning in Teaching French</b> <i>Farahdiba, Abdul Hasan Saragih , Naeklan Simbolon</i>	71
<b>[ABS-142]</b>	<b>Development of Field Guide Book to Insect Pollinator of Herbaceous Plants in City and Residential Area in Medan City</b> <i>Emy Hariati, Syarifuddin, Mufti Sudibyo</i>	71
<b>[ABS-143]</b>	<b>Developing Big Book as Reading Materials Based on Thematic Approach for Fourth Grade Students at SD Negeri 028068 Binjai East Binjai Regency Langkat</b> <i>Utari, Sri Minda Murni, Rahmad Husein</i>	72
<b>[ABS-145]</b>	<b>Development of Field Guidebooks Dragonfly Diversity Material (Odonata) Based on Research in Entomology Courses</b> <i>Nurul Sallia Mairiella Lubis , Syarifuddin , Ashar Hasairin</i>	72
<b>[ABS-146]</b>	<b>Teknologi Pendidikan</b> <i>Nur Fadilah Hafni</i>	73
<b>[ABS-147]</b>	<b>Development of Textbook Based on Research About The Insect Pollinator on Chili Paper (Capsicum Annuum L.)</b> <i>Fitriatul, Syarifuddin, Idramsa</i>	73
<b>[ABS-148]</b>	<b>Relationship between Biology Teacher Teaching Style with Students Learning Outcome</b> <i>Winda Zuwanna Zufri, Herbert Sipahutar, Syahmi Edi</i>	74
<b>[ABS-149]</b>	<b>Euphemism in Online Article on Konsultasi Syariah</b> <i>Rindi Puspita, Sri Minda Murni , Sumarsih</i>	74
<b>[ABS-150]</b>	<b>The Relationship of Recruitment, Compensation and Coaching Toward Teachers Performance in Junior High School Lubuk Pakam</b> <i>Julianto Situmorang</i>	75
<b>[ABS-151]</b>	<b>Gratitude Expression and Gratitude Responses Used by The Characters in</b>	75

	<b>The Vow Movie</b> <i>Sabrina Octavia Pandiangan, Sumarsih, Sri Minda Murni</i>	
<b>[ABS-152]</b>	<b>Analysis for 10th Grade Indonesia of Bacteria Material Based On Scientific Literacy</b> <i>Mindo Lilis Hutabarat, Fauziyah Harahap, Tumiur Gultom</i>	76
<b>[ABS-153]</b>	<b>Types of Subtitling Strategies Used In The Meg Movie Texts</b> <i>Devi Suci Nirwana, Rahmad Husein, Zainuddin</i>	76
<b>[ABS-154]</b>	<b>Lexical Metaphor in Novel and Film Critical Eleven</b> <i>Indah Christiani Silitonga, Amrin Saragih, Anni Holila Pulungan</i>	77
<b>[ABS-156]</b>	<b>The Difference of the Enhancement of Students Mathematical Disposition as an Impact of Realistic Mathematics Education and Conventional Approach</b> <i>Edi Syahputra, and Dian Rizky Utami</i>	77
<b>[ABS-157]</b>	<b>The Types of Modality in Teaching Learning Process</b> <i>Harnida, Zainuddin, Anni Holila Pulungan</i>	78
<b>[ABS-158]</b>	<b>Gender Differences in Teaching Learning Process Based on Inquiry Model</b> <i>Maharani Dalimunthe, Anni Holila Pulungan, Zainuddin</i>	78
<b>[ABS-159]</b>	<b>The Effect of Teaching Strategies and Students Motivation on Reading Comprehension Achievement</b> <i>Zulkarnain Batu Bara, Rahmad Husein, Anni Holila Pulungan</i>	79
<b>[ABS-160]</b>	<b>The Types of Flouting Maxim by Governor Candidates of North Sumatera in Election Debate 2018</b> <i>Tri Wita Indah Sari, Zainuddin, Amrin Saragih</i>	79
<b>[ABS-161]</b>	<b>Euphemism of Political News in Republika Online Mass media</b> <i>Yuliana Ridwan, Sri Minda Murni, Didik Santoso</i>	80
<b>[ABS-162]</b>	<b>The Effect of Teaching Strategies and Student Interest on Reading Comprehension Achievement on Recount Text of Eighth Grade Students</b> <i>Ahmad Fauzi, Zainuddin, Rahmad Husein</i>	80
<b>[ABS-163]</b>	<b>Flouting Maxims in the Courtroom of Administrative Court</b> <i>Aminah Ari Fadhila , Anni Holila Pulungan, Rahmad Husein Napitupulu</i>	81
<b>[ABS-164]</b>	<b>Development of Problem Based Learning Tools to Improve Visual Thinking and Self Efficacy of Seventh Grade Junior High School Students</b> <i>Meli Rama Yunita, Edy Surya, Edi Syahputra</i>	81
<b>[ABS-165]</b>	<b>Linguistic Characteristics of Narrative Text Written by Male and Female Students</b> <i>Nurul Hasanah , Zainuddin, Anni Holila Pulungan</i>	82
<b>[ABS-166]</b>	<b>Development of Adobe Flash-based Interactive Multimedia Learning Media in Sport Physical Education Subjects and Health Material for Basketball Games</b> <i>Andes Martua Harahap, Imran Akhmad, Hariadi</i>	82
<b>[ABS-167]</b>	<b>Evaluation of the Implementation of Teaching and Learning Subjects in Physical Education, Sports and Health (PJOK) in the 2013 Curriculum in State Islamic Senior High School (MAN) in Medan</b>	83

*Netty Zakiah, Agung Sunarno, Suprayitno*

- [ABS-168] Implementation of Speed Light on Saq (Speed, Agility and Quickness) Improvement in Futsal Atlet U-16 Liga Medan Aafi Regional** 83  
*Dody Yogaswara, Rahma Dewi, Amir Supriadi*
- [ABS-169] The Varieties of Sentence Produced by the First Grade Students of Elementary School Based on Gender Perspective** 84  
*Saddam Syarif Nasution, Rahmad Husein, I Wayan Dirgayasa Tangkas*
- [ABS-170] Development of Adobe Flash Learning Media Based on Cooperative Learning to Improve Students Spatial Ability at Chandra Kumala Secondary School** 84  
*Fajar Sukma Harsa, Hermawan Syahputra, Elvis E. Napitupulu*
- [ABS-171] Implementation of Dubido Based on Contextual in Improving Students Achievement on The Topic of Electrochemistry** 85  
*Angeline Viska Ayu Rosalia, Saronom Silaban, Zainuddin Muchtar*
- [ABS-173] Educational Model Based on Life Skills: A Meta-Synthesis** 85  
*Aswin Bancin*
- [ABS-174] The Development of Educational Games Ludo Word Game (LWG) Based on Literacy in German Learning** 86  
*Khairani, R. Mursid, Samsidar Tanjung*
- [ABS-175] Preparing an ICT Innovation with Lectora Inspire as Teaching Media for Electrolyte and Non-Electrolyte Solutions For High School Class X** 86  
*Widya Irfani, Nurfajriani, Ramlan Silaban*
- [ABS-176] The Effect of Problem Based Learning Model and Cooperative Learning Model Jigsaw Type on Creative Thinking Skills Based on Students Learning Motivation** 87  
*Pratiwi Bernadetta Purba, Mukhtar, Bornok Sinaga*
- [ABS-177] Preparing an ICT Innovation Using Lectora Inspire as Teaching Media for Buffer Solutions for High School** 87  
*Erika Siska Yolanda Siagian, Ramlan Silaban, Mahmud*
- [ABS-179] Development of Multimedia Lectora Inspire Integrated Problem Based Learning On Carbohydrate Topic for Program Study Agrotechnology Students** 88  
*Nuraini, Murniaty Simorangkir, Saronom Silaban, Erwin Pane*
- [ABS-180] Improving Results n Learning Bahasa For Poetry Readings with The Implementation of A Direct Learning Model For Fifth Grade Elementary School** 88  
*Mayske R. Liando, Donna Sampaleng, Treesje K. Londa, Henny N. Tambingon, Irsye E. Bawole*
- [ABS-181] The Influence of Total Factor Productivity Towards The Economic Growth of Indonesia.** 89  
*Sarah Dina*
- [ABS-183] Development of Learning Materials Based on Problem Based Learning to Improve Students Problem Solving Ability of SMK Swasta Ar-Rahman Medan** 89

*Poppy Amalia , Asrin Lubis , Hasratuddin*

<b>[ABS-184]</b>	<b>Development of Table Tennis Game Rules Through Modification of The Game Rules Models "Ams 32" in Class VIII Middle School Students</b> <i>Amal Syahril Sihombing, Rahma Dewi, Suprayitno</i>	90
<b>[ABS-185]</b>	<b>Analysis of PDDDB Online Implementation Policy at the Sunggal Branch of the North Sumatra Provincial Education Office</b> <i>M Basir Hasibuan, Ekadaryanto, Zainuddin</i>	90
<b>[ABS-186]</b>	<b>Difficulty Analysis in Learning Physical Education in Children with Mild Impairment in Binjai City SLB</b> <i>Anggun Lestari Tanjung, Albadi Sinulingga, Nurhayati Simatupang</i>	91
<b>[ABS-187]</b>	<b>The Effects of Realistic Mathematics Approach and Self-Efficacy towards Student Mathematics Problem Solving Ability on 5th Grade Student of Gracia Sustain Private Elementary School Medan</b> <i>Anita Rebekawati, Waminton Rajagukguk, Zulkifli Matondang</i>	91
<b>[ABS-188]</b>	<b>Implementation of School-Based Management in SMA Negeri 1 Sumbul, Dairi Regency</b> <i>Saut Mian Naibaho, Syawal Gultom, Wildansyah Lubis</i>	92
<b>[ABS-189]</b>	<b>Influence of Inquiry Learning Model Based on Audio Visual Media and Scientific Attitudes on Creative Thinking Skills in Class V of Markus Foundation Medan Helvetia</b> <i>Nelly Febri Trisna</i>	92
<b>[ABS-190]</b>	<b>Analysis of the Economic Bilateral Relationship Indonesia - China On Balance of Payment in Indonesia</b> <i>Sri Wulandari, M Yusuf, Andri Zainal</i>	93
<b>[ABS-191]</b>	<b>Evaluation of Curriculum Implementation 2013 Distric Batubara</b> <i>Mauluddin M. Noor, Albadi Sinulingga, Sanusi Hasibuan</i>	93
<b>[ABS-192]</b>	<b>The difference between certified and non certified PE teachers performance based on range of service period</b> <i>Albadi Sinulingga, Nurhayati Simatupang, Wahyu</i>	94
<b>[ABS-193]</b>	<b>Effect of eXe Learning Based Problem Based Learning and Scientific Attitudes on Critical Thinking Ability in Chemical Bonding Material</b> <i>Nuraini, Retno Dwi Suyanti, Eddyanto</i>	94
<b>[ABS-194]</b>	<b>Implementation of Physical Education Learning in Tunagrahita Students at Sib Ypac Medan</b> <i>Akhmadi Malaon Lubis, Indra Kasih, Nurhayati Simatupang</i>	95
<b>[ABS-195]</b>	<b>The Development of Learning Media for Fourth Grade Primary School Using Adobe Flash</b> <i>Jimmi Apul Maringan Manalu, Hidayat, Asih Menanti</i>	95
<b>[ABS-197]</b>	<b>The Effect of Inquiry Learning Model on Students Science Process Skills</b> <i>Siska Evriani Depari, Hasruddin, Wawan Bunawan</i>	96
<b>[ABS-198]</b>	<b>Effects of Teaching Style and Interest on Learning Outcomes Passing in Soccer Games. Medan: Postgraduate Program. Medan State University, April 2019</b>	96

*Hamka Abdi Negara siahaan ; Budi Valianto ; Rahma Dewi*

<b>[ABS-199]</b>	<b>Community Participation in Preservation of City Park in Binjai City</b> <i>Widya Afriani Wiliskar, Syarifuddin, Binari Manurung</i>	97
<b>[ABS-200]</b>	<b>The Types of Gender Arguments in Instagram: a Case Study of Donald Trumps Political Status</b> <i>Putri Permata Sari Samosir , Amrin Saragih , Masitowarni Siregar</i>	97
<b>[ABS-201]</b>	<b>The Analysis of Monetary Policy Transmission Mechanism by Exchange Rate Channel in Influencing The Inflation in Indonesia</b> <i>Putry Sari Rahmadyah Pulungan, Fitriawaty, Sri Fajar Ayu</i>	98
<b>[ABS-202]</b>	<b>Giving Coffee to Cardiovascular Endurance and Concentration of Students in Takengon</b> <i>Windi Naully, Nurhayati Simatupang, Tarsyad Nugraha</i>	98
<b>[ABS-203]</b>	<b>Traditional Game Bakiak Panjang on the Establishment of Characters of Children</b> <i>Fitrah Miko, Albadi Sinulingga, Suprayitno</i>	99
<b>[ABS-204]</b>	<b>Utilization of Assignment, Feedback and Revision Model to Create of Teacher Classroom Action Research</b> <i>Rasmin Simbolon, Abdul Hasan Saragih, Julaga Situmorang</i>	99
<b>[ABS-205]</b>	<b>Effect of Scientific Inquiry Learning Model Assisted by Mind Mapping on Science Process Skills Student</b> <i>Tria Anggreini, Togi Tampubolon, Wawan Bunawan, Rajo Hasim Lubis</i>	100
<b>[ABS-206]</b>	<b>Development of Moodle E-Learning Media in Industrial Revolution 4.0 Era</b> <i>Nur Aulia Khairani, Juniastel Rajagukgu, Derlina</i>	100
<b>[ABS-207]</b>	<b>Development of Instruments for Creative Thinking Skills Tests on Momentum and Impulse for High School Students</b> <i>Mawarni Saputri, Togi Tampubolon, Eva Marlina Ginting, Rajo Hasim Lubis</i>	101
<b>[ABS-208]</b>	<b>Development of Project and Character Based Chemistry Practicum Guidelines for High School Students</b> <i>Bajoka Nainggolan, Wesly Hutabarat , Rianto Sitanggang</i>	101
<b>[ABS-209]</b>	<b>Development of Service Information System in the Utilization Practicum Tools and Materials in Physics Department Laboratory of State University of Medan</b> <i>Arman Doli Subandi Tumanggor, Abdul Muin Sibuea, Sukarman Purba</i>	102
<b>[ABS-210]</b>	<b>Implementation of Private Teacher Protection Policies in Medan</b> <i>Fahriza Marta Tanjung , Darwin , Restu</i>	102
<b>[ABS-211]</b>	<b>Translation Techniques Applied in Novel of The First Call From Heaven</b> <i>Sudariyani, Syahron Lubis, Anni Holilla Pulungan</i>	103
<b>[ABS-212]</b>	<b>Education Cultural in Bona Pasogit</b> <i>Tri Presar Jhon Tuan Panjaitan</i>	103
<b>[ABS-213]</b>	<b>Literation Instruments Learning Physical Student Education Through Student Worksheet (SW)</b> <i>Akbar Zahriali, Tarsyad Nugraha, Hariadi</i>	104

<b>[ABS-214]</b>	<b>Evaluation of Tiered in Order to Increase PAUD Teacher Competence in Medan City</b> <i>Rehmenda Christy, Anita Yus, Naeklan Simbolon</i>	104
<b>[ABS-215]</b>	<b>Development of Knowledge Based Water Play Activity Model to Train Fine Motorics Children Aged 3-4 Years</b> <i>Riska Putri Pengarapenta , Anita Yus, Naeklan Simbolon</i>	105
<b>[ABS-216]</b>	<b>Women Politeness Strategies of Bargaining Media Credit Store in Tanjung Morawa</b> <i>Nahdyah Sari Daulay, Amrin Saragih, Sumarsih</i>	105
<b>[ABS-217]</b>	<b>Toba Batak Language Shift in Rantau Selatan</b> <i>Helvi Vinawari, Sumarsih, Rahmad Husein</i>	106
<b>[ABS-218]</b>	<b>Development of Two-tier Multiple Choice Instrument to Measure Higher Order Thinking Skills</b> <i>Rifka Annisa Girsang. Wawan Bunawan. Rita Juliani</i>	106
<b>[ABS-219]</b>	<b>The Impact of Journal Writing Training on Self Efficacy and Attitude of Postgraduate Program Students in Writing Scientific Publication Articles</b> <i>Dimyati, Ashadi, Hariyanto</i>	107
<b>[ABS-220]</b>	<b>Does Socioeconomic Status Impact on Students Learning</b> <i>Nihta V.F. Liando, Treesje K. Londa</i>	107
<b>[ABS-221]</b>	<b>Intertextuality in education brochure</b> <i>Chairunnissa, Zainuddin, Anni Holila Pulungan</i>	108
<b>[ABS-222]</b>	<b>The Influence of Symbolic Modeling Technique Guidance Service and Group Guidance Service for Achievement Motivation Based on Anxiety Levels in the Physically Challenged Athletes North Sumatera PPI NPC</b> <i>Ahmad zaki. Budi valianto. Albadi sinulingga</i>	108
<b>[ABS-223]</b>	<b>Development of Interactive Multimedia Digital Storytelling in English Subjects</b> <i>Juanda, Abdul Muin Sibuea, R Mursid</i>	109
<b>[ABS-224]</b>	<b>Development of Interctive Multimedia on Understanding The danger of Drugs Abuse to Students in Langsa</b> <i>Al Azharsyah, Budi Valianti, Novita</i>	109
<b>[ABS-225]</b>	<b>The Effect of Organizational Culture, Achievement Motivation and Job Satisfaction on the Performance of Teachers of SMP Negeri in North Tapanuli</b> <i>Torus Manuntun</i>	110
<b>[ABS-226]</b>	<b>Self Evaluation Model To Assess Teacher Performance: Is It Needed?</b> <i>Kastam Syamsi</i>	110
<b>[ABS-227]</b>	<b>The Influence of Locus of Control, Work Environment, and Innovative Behavior on Teachers Work Commitments in SMP Negeri in Pakpak Bharat District</b> <i>Leo Sartika Pasaribu, Sukarman Purba, Wanapri Pangaribuan</i>	111
<b>[ABS-228]</b>	<b>Development of Petanque Sports Pointing and Shooting Exercise Model</b> <i>Hotma Doli Parlindungan, Sabaruddin Yunis Bangun, Imran Akhmad</i>	111

<b>[ABS-229]</b>	<b>Why must female students take more burdens? Assessing salient gender inequalities in the university classrooms in Indonesia</b> <i>Amika Wardana, Aris Martiana, Agustina Tri Wijayanti</i>	112
<b>[ABS-230]</b>	<b>A Content Analysis and Learning Activities Early Children Based on Steam Education</b> <i>Anita Yus, Salim</i>	112
<b>[ABS-231]</b>	<b>Analysis of Mathematical Creative Thinking Ability in Solving Mathematical Problems based Learning Styles in Class VIII Middle School Students</b> <i>Bornok Sinaga, Hermawan Syahputra, Iwan Jepri</i>	113
<b>[ABS-232]</b>	<b>The Effect of Interpersonal Communication, Transformational Leadership and Achievement Motivation on the Affective Commitment of Doloksanggul District Vocational School Teachers in Humbang Hasundutan</b> <i>Agus Letwing Manik, Saut Purba, Yasaratodo Wau</i>	113
<b>[ABS-233]</b>	<b>Implementation of Character Based Industrial Work Practices at SMK Swasta Arina</b> <i>Din Oloan Sihotang, Paningkat Siburian, Darwin</i>	114
<b>[ABS-236]</b>	<b>The Influence of Teachers Creativity in Developing Teaching Method</b> <i>Heryanto</i>	114
<b>[ABS-237]</b>	<b>Ideational Taxonomic Relation of Surah Al Baqarah in English Translation</b> <i>Siti Isma Sari Lubis, Sri Minda Murni, Zainuddin</i>	115
<b>[ABS-238]</b>	<b>The Effect of Teaching Strategies and Interest on Students Achievement in Reading Comprehension</b> <i>Neneng Nurhamidah, Rahmad Husein, Anni Holilla Pulungan</i>	115
<b>[ABS-239]</b>	<b>Development of Volley Ball Passing Material Learning Model in Students of SD in Kota Medan</b> <i>Ayumi Adetya, Amir Supriadi, Tarsyad Nugraha</i>	116
<b>[ABS-241]</b>	<b>Analysis of Mathematical Communication Skills Using the PMR Learning Model</b> <i>Yuliana, D Sinaga</i>	116
<b>[ABS-242]</b>	<b>Differences in effect of cooperative learning and sociometric on the results of lower passing learning in volleyball games in class VIII public junior high school 14 school year 2019/2020</b> <i>Muhammad Arfa, Imran Akhmad, Tarsyad Nugraha</i>	117
<b>[ABS-243]</b>	<b>Difference in Self-Learning and Believing Models on The Results of Learning Dont Style to the Ortodoks Styles on Students of Senior High School</b> <i>Pangihutan Butarbutar, Imran Akhmad, Rahma Dewi</i>	117
<b>[ABS-244]</b>	<b>Development of Ludo Games for Locomotor Basic Students in Primary School</b> <i>Janri Mahasan Sihotang, Sanusi Hasibuan, Albadi Sinulingga</i>	118
<b>[ABS-245]</b>	<b>Super Jabber game development in increasing of learning interest on kindergarten students in the city of Medan</b> <i>Ernida Eva Saulina Tamba, Amir Supriadi, Suprayitno</i>	118
<b>[ABS-246]</b>	<b>Development of Passing Technique Training Models in private Junior High</b>	119

	<b>School Extracurricular Ahlete in the city of Medan</b> <i>Muhammad Aditya Prawira, Suprayitno, Imran Akhmad</i>	
<b>[ABS-247]</b>	<b>Analysis of Childhood Social Development to Single Parents</b> <i>Paradita Kumala Lemmy, Anita Yus, Asmin</i>	119
<b>[ABS-248]</b>	<b>Dynamic Fluid Aids Development in High School Students</b> <i>Arini Herdayanti</i>	120
<b>[ABS-249]</b>	<b>Developing Reading Material through Local based Needs at SDN 100107 Lobulayan, South Tapanuli North Sumatera</b> <i>Ade Efrina Nasution, Wy Dirgeyasa, Zainuddin</i>	120
<b>[ABS-250]</b>	<b>Awareness of Conversational Implicature of Different Academic Year Students of English Department of Faculty of Language and Arts State University of Medan</b> <i>Fitri Rahma Handayani</i>	121
<b>[ABS-251]</b>	<b>Development of Research Based Book on Mendel Genetics in Biology Major Universitas Negeri Medan</b> <i>Naimatussyifa Daulay, Tumiur Gultom, Martina Restuati</i>	121
<b>[ABS-252]</b>	<b>Modality in Indonesian Presidential Debate 2019</b> <i>Annisa Puspasari</i>	122
<b>[ABS-253]</b>	<b>Handball Game Against The Ability to Throw a Childs Hand</b> <i>Rizky Puspa Sari, Amir Supriadi, Nurkadri</i>	122
<b>[ABS-254]</b>	<b>Utilizing the Youtube Application in Learning</b> <i>Hasnul haris, Tarsyad Nugraha, Albadi Sinulingga</i>	123
<b>[ABS-255]</b>	<b>Development Of Integrated Mobile Learning Media Problem Based Learning In Chemical Equilibrium Materials at UNIMED Chemical Education Study Program</b> <i>Nora Santi, Zainuddin Muchtar, Ajat Sudrajat</i>	123
<b>[ABS-256]</b>	<b>Pengembangan E-Modul Pembelajaran Perawatan Badan Berbasis Discovery Learning Pada Mahasiswa Program Studi Pendidikan Tata Rias Universitas Negeri Medan</b> <i>wuri dwiyati</i>	124
<b>[ABS-257]</b>	<b>The Effect of Teaching Style and Learning Motivation on the Learning Outcomes of the Basic Breaststroke Swimming Technique in Class VII Students of State Middle School 6 Medan Academic Year 2018-2019</b> <i>Asco Hasiholan Simarmata</i>	124
<b>[ABS-258]</b>	<b>The Influence of Practical Guide Based on Inquiry Approach toward Students Achievement on pH Scale and Use of Indicator Subjects</b> <i>Predi S Perangin Angin, Wesly Hutabarat, Saronom Silaban</i>	125
<b>[ABS-259]</b>	<b>The Values of Achievement at the Gayo Traditional Horse Racing Sports in Bener Meriah</b> <i>Putra Arima, Tarsyad Nugraha, Agung Sunarno</i>	125
<b>[ABS-260]</b>	<b>The Effect of Scientific Inquiry Learning Model Using Media KIT and Motivation towards Science Learning outcomes on the Topic of Force of Elementary School Students</b>	126



*Sukma Lestari, Nurdin Bukit, Sondang R. Manurung*

- [ABS-261] Unggah-Ungguh Code Switching in Kartini Movie** 126  
*Yutika Sari, Rahmat Husein, Wy Dirgeyasa*
- [ABS-262] Development of Media-Based on Augmented Reality for Blended Learning on Physics Lesson in High School** 127  
*Aisyah*
- [ABS-263] Human Resource Management of Contract-Based Teachers and Education Staff to Ensure Quality Education of Senior High Schools in North Sumatera Province** 127  
*Zahraini, Benyamin Situmorang, Tiur Asih Siburian*
- [ABS-264] Science Process Skills Improvement Using Scientific Inquiry Model With Algodoo Media and Adversity Quotient on High School Students** 128  
*Evitamala Siregar, Juniastel Rajagukguk, and Karya Sinulingga*
- [ABS-265] The Impact of Journal Writing Training on Self Efficacy and Attitude of Postgraduate Program Students in Writing Scientific Publication Articles** 128  
*Dimiyati, Ashadi, Hariyanto*
- [ABS-266] Metaphors in Umpasa of The Batak Toba Wedding Ceremony** 129  
*Sactica Oktavyani Sagala, Sumarsih, Amrin Saragih*
- [ABS-267] Development of Learning Devices Based on PBM Models to Improve Students Communication Ability and Disposition of Mathematics in the Tritech Informatics Field School of Medan.** 129  
*fitriani sitopu, Sahat Saragih, Hasratuddin*
- [ABS-268] Computer Based Exam Development on Pjok Course Knowledge Aspect Curriculum 2013 at Sma Swasta Sinar Husni Helvetia** 130  
*Iskandar Fahmi, Novita, Albadi Sinulingga*
- [ABS-269] Improving Teachers Ability In Arranging Classroom Action Research Proposal Through Focus Group Discussion Academic Supervision Technic** 130  
*Budi Syawal Bancin, Darwin, Sahat Siagian*
- [ABS-270] Developing A Theory of Reading in the Indonesian Context** 131  
*Sugirin, Ashadi, Nurhidayanto PSP*
- [ABS-271] Evelopment of Learning Devices Through Problem Based Learning Model to Improve Communication and Self Efficacy Skills Studentat Smp Islam Terpadu Nurul Azizi Medan** 131  
*Sri Ramadhani , Sahat Saragih , Amin Fauzi*
- [ABS-272] The Learning Model and Gender influence Against the skills of vocational high school Piano playing 11 Medan of North Sumatra** 132  
*Gufnan Nurman, Hamonangan Tambunan, Erward Purba*
- [ABS-273] Differences In The Effect Of Learning Method And Learning Motivation On Manipulative Basic Motion Improvement On SD Bina Guna Medan 2019** 132  
*Gita Nurgaya, Rahma Dewi, Agung Sunarno*
- [ABS-274] Interpersonal Metaphor of Mood in the Courtroom Interaction** 133  
*Pera Handayani Harahap, Anni Holila Pulungan, Amrin Saragih*
- [ABS-276] Development of Guide Book on Behavior Polinator of Tomato (Solanum** 133

	<b>Lycopersicum) on Research Result in Entomologi of Universitas Negeri Medan</b>	
	<i>Suci rahmawati, Syarifuddin, Mufti Sudibyo</i>	
<b>[ABS-277]</b>	<b>The Increasing of Students Mathematics Critical Thinking Ability and Self Efficacy through Problem Based Learning in Junior High School of Dwitunggal Tanjung Morawa</b>	134
	<i>Yunita Sari, Edy Surya, Asmin</i>	
<b>[ABS-278]</b>	<b>An Analysis of Students Knowledge on The Structure and Function of Plant Tissues in Senior High Schools of Medan</b>	134
	<i>Riesyatul Khairiyah Nasution, Fauziyah Harahap, Syahmi Edi</i>	
<b>[ABS-279]</b>	<b>The Effect of Cooperative Learning Model Based on Aceh Culture to Improve the Generic Science Skills of Student</b>	135
	<i>Safitri Raufa, Derlina, Nurdin Siregar</i>	
<b>[ABS-280]</b>	<b>The Role of the Philosophical Bases of Education in Educational Activities</b>	135
	<i>Achmad Dardiri, L.Andriani Purwastuti</i>	
<b>[ABS-281]</b>	<b>Gender Conversation in Workplace Context</b>	136
	<i>Aisyah Fitriani Dasopang, Sumarsih, Amrin Saragih</i>	
<b>[ABS-282]</b>	<b>The Effect of Guided Inquiry Learning Model and Creativity on Students Science Process Skills</b>	136
	<i>Santy Menitulo Malau, Motlan, Makmur Sirait, Rajo Hasim Lubis</i>	
<b>[ABS-283]</b>	<b>The Use of Pronoun in Strategy of Politeness in Talk Show Program</b>	137
	<i>Andyka Yulia Adha, Sri Minda Murni, Anni Holila Pulungan</i>	
<b>[ABS-284]</b>	<b>Participant Structure in Learning English: Linguistic Anthropology Approach</b>	137
	<i>Tasnim Lubis</i>	
<b>[ABS-285]</b>	<b>The Management and Development Quality of Teacher Performance Through Teacher Competence in The First Middle School in Banda Aceh</b>	138
	<i>Faisal Anwar, Musriadi, Khairil Ansari, Darwis, Jamaluddin Idris</i>	
<b>[ABS-286]</b>	<b>Development of Chemistry Practicum Guide Integrated Problem Based Learning Model to Increase Student Learning Outcome in Terms of Science Process Skills in Chemistry Material Class XI Odd Semester</b>	139
	<i>Novita Sari, Iis Siti Jahro, Retno Dwi Suyanti</i>	
<b>[ABS-287]</b>	<b>The Types of Modality Used in Beauty Product Advertisement on Instagram Caption</b>	139
	<i>Indri Eka Sari, Anni Holila Pulungan, Rahmad Husein</i>	
<b>[ABS-288]</b>	<b>Attitudinal Appraisal in Ahoks Speech</b>	140
	<i>Firdha Sabrina, Amrin Saragih, Aisyah Ginting</i>	
<b>[ABS-289]</b>	<b>Appraisal Attitudes by The Judges on Indonesian Idol Grand Final Session</b>	140
	<i>Mieta Setieya, Zainuddin, Rahmad Husein</i>	
<b>[ABS-290]</b>	<b>The Influence of Principal Managerial Competencies and Interpersonal Communication on Teachers Performance in Samanhudi Tanjung Pura Private Senior High School</b>	141
	<i>Chandra, Mananda Situmorang, Mahyudin Situmeang</i>	
<b>[ABS-293]</b>	<b>The Development of Virtual Laboratory-Based Learning Media of Biology on</b>	141

	<b>The Topic of Bacterial For High School Students</b> <i>Lailtusyisyifa, Idramsa, Martina Restuati</i>	
<b>[ABS-294]</b>	<b>Student Worksheet Based on Problem Assisted Computer Simulation on Students Critical Thinking Skills</b> <i>Mariati Purnama Simanjuntak, Berta Masrifa Panggabean, Chatarina M.S Purba, Juniar Hutahaean</i>	142
<b>[ABS-295]</b>	<b>Analysis of Economic Openness to The Indonesia Rupiah Exchange Rate (2008-2018)</b> <i>Sri Wahyuni, Fitrawaty, Dede Ruslan</i>	142
<b>[ABS-296]</b>	<b>Inflation Persistence in The Province of North Sumatra in 2007 - 2017</b> <i>Elpina Idola Malau, Fitrawaty, Arwansyah</i>	143
<b>[ABS-297]</b>	<b>The Manners of Cognitive Process in Translating English Phrasal Verbs Into Indonesian</b> <i>Fitri Ervina Tarigan, Anni Holila Pulungan, Rahmad Husein</i>	143
<b>[ABS-298]</b>	<b>Javanese Addressing Terms Maintenance by The Teenager Speakers in Bukit Malintang</b> <i>Sudarti Rahayu Ningsih, Amrin Saragih, Siti Aisyah Ginting</i>	144
<b>[ABS-299]</b>	<b>Appraisal in Students Argumentative Writing</b> <i>Ika Vanesia Siagian, Sri Minda Murni, Zainuddin</i>	144
<b>[ABS-300]</b>	<b>Loss and Gain in Bilingual Online News Text</b> <i>Adrian Rasyki</i>	145
<b>[ABS-301]</b>	<b>Analysis of the Determinan of North Sumatra Coffee Exports to the United States: Error Correctioan Model Approach</b> <i>Rimelda Rona Sari, M.Nasir, Muhammad Fitri Rahmadana</i>	145
<b>[ABS-302]</b>	<b>Analysis of The Implementation of Iso 9001: 2015 Quality Management System in Bp-Paud and Dikmas of North Sumatra Province</b> <i>Ditta Manullang, Zainuddin, Wanapri</i>	146
<b>[ABS-303]</b>	<b>Speech Pauses Used by Male and Female Students in English Oral Examination</b> <i>Lamia Deareni, Sri Minda Murni, Siti Aisyah Ginting</i>	146
<b>[ABS-305]</b>	<b>The Development of Guidance and Integrated Science Practicum KIT Integrated Guided Inquiry Model bases Science Process Skills for Class VII Semester I</b> <i>Fretty Nafratilova Hutahaean, Marham Sitorus, Ajat Sudrajat</i>	147
<b>[ABS-306]</b>	<b>Analysis of Biomolecular Practicum Guides According to KKNi Curriculum</b> <i>Nurul Indah Pratiwi, Saronom Silaban, Nurfajriani</i>	147
<b>[ABS-307]</b>	<b>Implementation of The Teaching Factory On Training Management Model Development of Diploma III Students in Mechanical Engineering Departement, State University Medan</b> <i>Siti Aisyah Siregar, Eka Daryanto, Restu</i>	148
<b>[ABS-308]</b>	<b>Analysis of Affective Assessment Material in The Textbook Evaluation of Chemistry Learning Outcomes Based on SNPT and Curriculum KKNi</b> <i>Helmi Fauziah Nasution, Ajat Sudrajat, Iis Siti Jahro</i>	148

<b>[ABS-309]</b>	<b>Development of Information-Based Vocational Assessment Instruments in Writing Text Explanation Text for Eleventh Senior High School</b> <i>Siti Hazizah Siregar, Abdurahman Adisaputera, Daulat Saragi</i>	149
<b>[ABS-310]</b>	<b>Implementation of training management model or students of students of Diploma Three in Faculty of Mechanical Engineering Medan State University</b> <i>Leni Purwati, Rosmala Dewi, Darwin</i>	149
<b>[ABS-311]</b>	<b>The Effect of Learning Model Based on Higher Order Thinking Skills (HOTS) with Multimedia and Creative Thinking Abilities on Learning Outcomes of Vocational Learning Design</b> <i>R. Mursid, Harun Sitompul, Abdul Hasan Saragih</i>	150
<b>[ABS-312]</b>	<b>Development of Environmental Love Theme Materials Learning in Description Text Learning for Seven Junior High School</b> <i>Elisa Anggraini, Wisman Hadi, Mutsyuhito Solin</i>	150
<b>[ABS-313]</b>	<b>Development of Poetry Writing Learning Module Assisted by Religious Songs for Junior High School UNIVA Medan</b> <i>Hainur Anisa, Khairil Ansari, Mutsyuhito Solin</i>	151
<b>[ABS-314]</b>	<b>Development of Interactive Multimedia in Learning to Read Genre Text with Local Wisdom for Students Junior High School Silangkitang</b> <i>Nurhapni Handayani Optapia Siregar, Abdurahman Adisaputera, Amrin Saragih</i>	151
<b>[ABS-315]</b>	<b>Development of E-Module Based on Discovery Learning on Carbohydrate Material</b> <i>Eika Abigail Munthe, Saronom Silaban, Zainuddin Muchtar</i>	152
<b>[ABS-316]</b>	<b>Implementation of Project Based Learning (PjBL) in Collaboration Skills and Communication Skills of Students</b> <i>Yenni Dwi Aprilita Sagala, Nurdin Bukit, Motlan, Mariati Purnama Simanjuntak</i>	152
<b>[ABS-317]</b>	<b>The Development of Morphological Acquisition Among the Children 1.5-3.5 Years old</b> <i>Rikha Tania, Sumarsih, Berlin Sibarani</i>	153
<b>[ABS-318]</b>	<b>The Cognitive Process of Different Gender in Writing Argumentative Text</b> <i>Surya Setiadi Tarigan, Wayan Dirgayasa, Rahmad Husein</i>	153
<b>[ABS-319]</b>	<b>Speech Fuction of Teachers and Students Utterances in Classroom Interaction at the Elementary School</b> <i>Rafika Nur Rahman, Rahmad Husein, Meisuri</i>	154
<b>[ABS-320]</b>	<b>The Differences in mathematical problem solving ability between students that given Model Eliciting Activities (MEAs) with Direct Learning Viewed from the Gender of SMP IT Deliserdang</b> <i>Juli Mania Sembiring, Asmin, Mangaratua Simanjorang</i>	154
<b>[ABS-321]</b>	<b>The Development of Chemistry Lab Guide Book For High School Based on Guided Inquiry to Measure Scientific Attitudes and Science Process Skills</b> <i>Gorat Victor Sibuea, Retno Dwi Suyanti, Saronom Silaban.</i>	155
<b>[ABS-322]</b>	<b>The Unnaturalness of The Translation of Indonesian Tourist Resorts Signs Into English in Parapat and Bukit Lawang</b>	155

*Iis Aprianti, Syahron Lubis, Anni Holila Pulungan*

- [ABS-323] Grammatical Error of Speech by Students in Bilingual Program of Mahad Al Jamiah UIN North Sumtra** 156  
*Riyah Shibha Nasution, Rahmad Husein, Anni Holila Pulungan*
- [ABS-324] Speech Functions by Male and Female Tour Guides in Their Touring Interaction with Tourists at Bukit Lawang** 156  
*Widya Ningsih, Sumarsih, Amrin Saragih*
- [ABS-325] The influence of organizational culture, instructional leadership, cognitive abilities, and work motivation on employee performance in the Office of Communication and Information Technology (Diskominfo) of North Sumatera.** 157  
*Rosmidar Sinaga, Paningkat Siburian, Sukarman Purba*
- [ABS-326] Blended Learning Based Training Management Model to improve the principals managerial competence in Tebing Tinggi City** 157  
*Efni Efridah, Benyamin Situmorang, Eka Daryanto*
- [ABS-328] Analysis of Teaching Materials in Learning Evaluation for Performance Assessment Based on National Standard University** 158  
*Febiana Wulandari, Ajat Sudrajat, Mahmud*
- [ABS-329] Needs Analysis on Training Management Model Development of Diploma III Students in Mechanical Engineering Department, State University of Medan** 158  
*Fibie Liona Pangaribuan, Darwin, Wanapri Pangaribuan*
- [ABS-330] The development of a set of curriculum according to Discovery Learning method to improve the matematics communication ability and students possitive attitude** 159  
*muhammad arif*
- [ABS-331] Analysis of the Influence of Economic Openness to Indonesia Growth** 159  
*Zandro Silaban, Indra Maipita, Fitrawaty*
- [ABS-332] Development of The Process Evaluation Model in Integrated IPS Learning Based on 2013-Curriculum** 160  
*N Suraiya, MOR Maulidian, Nurmasyitah*
- [ABS-334] Development of Mathematical Learning Tools to Improve Representation Ability Based on Think Pair Share Models Assisted Virtual Manipulative** 160  
*Faradilla Bafaqih, Dian Armanto, Elvis Napitupulu*
- [ABS-335] Communication Strategies in Conversation Used by Extrovert and Introvert Students at Politeknik LP3I Medan** 161  
*Sarah Monalisa Harahap, Anni Holila Pulungan, Siti Aisyah Ginting*
- [ABS-336] Language Maintenance of Javanese Teenagers at Desa Simatahari South Labuhan Batu** 161  
*Prima Yanti Siregar, Rahmad Husein, Didik Santoso*
- [ABS-337] Design Development and Standard Operational Procedure for Training Model Management of Diploma 3 Mechanical Engineering University of Medan** 162  
*Mindo Judica Pangaribuan*

<b>[ABS-338]</b>	<b>Ideational Grammatical Metaphor in English Politics Text at Newspaper</b> <i>Wirna Astuti Rajagukguk, Siti Aisyah Ginting, Meisuri</i>	162
<b>[ABS-339]</b>	<b>Analysis of Vocational High School Chemical Teaching Materials on Atomic Structure Materials Based National Education Standard</b> <i>Frensi Hasanah, Simson Tarigan, Retno Dwi Suyanti</i>	163
<b>[ABS-340]</b>	<b>The Use of Internet as Learning Media to Master English as a Foreign Language by Students Oo English Education Study Program Universitas Potensi Utama</b> <i>Nurafifah Hasbi Nasution, Enni Maisaroh</i>	163
<b>[ABS-341]</b>	<b>The Euphemism in Sambah Manyambah Tradition of Minangnese Wedding Ceremony</b> <i>Muhammad fauzi, Rahmad Husein, Sumarsih</i>	164
<b>[ABS-342]</b>	<b>Performance Analysis of Primary School Physical Education Teacher in Sibolga City Post Following Teacher Competence Test 2015</b> <i>Roiman Dolok Tarsisius Situmorang, Albadi Sinulingga, Nurhayati Simatupang</i>	164
<b>[ABS-343]</b>	<b>Metadiscourse of Political Texts with Different Genres</b> <i>Ayu Widyaningtyas, Sri Minda Murni, Siti Aisyah Ginting</i>	165
<b>[ABS-345]</b>	<b>The Acquisition of Syntactical Relation Among Indonesian Children of 1.5-4 Years Old With Different Parents Background Education</b> <i>Dita Sofiah Nur, Berlin Sibarani, Rahmad Husein</i>	165
<b>[ABS-347]</b>	<b>Talent Scouting of Sport in Junior High School Students at Kecamatan Silokahean Kabupaten Simalungun, 2019</b> <i>Agus Edi Syahputra Siahahan, Novita, Albadi Sinulingga</i>	166
<b>[ABS-348]</b>	<b>Values of Character Education and Internal Conflict of Main Figures in Sinar novel by Agung Irawan Mizan as Literature Reading Material in Senior High School</b> <i>Risma Martalena Tarigan, Biner Ambarita, Khairil Ansari</i>	166
<b>[ABS-349]</b>	<b>Political Education Through The Application Of The Abstentions Countermeasure Model By KPUD ( Regional Election Commission) Deli Serdang</b> <i>Muhammad Yusri Isfa, Dedi Amrizal, Yusriati</i>	167
<b>[ABS-350]</b>	<b>ICT-Based English Learning Innovation to Improve Learning Outcomes of PGSD Students</b> <i>Naeklan Simbolon, Eva Betty Simanjuntak, Mariati Purnama Simanjuntak</i>	167
<b>[ABS-352]</b>	<b>The Influence of Cooperative Learning Type of Group Investigation Based on Science Process Skills Model and Motivation Againts Science Learning Outcomes of Students in Class IV Public Elementary Schools 060827 Medan Amplas District 2018/2019</b> <i>Methasya Utami, Retno Dwi Suyanti, Syarifuddin</i>	168
<b>[ABS-353]</b>	<b>The Influence of the Problem Based Learning Model With Crossword Puzzles And Motivation Against Science Learning Outcomes of Students in Class V of Public Elementary School 114364 Sabungan</b> <i>Rodiah Nasution, Ramlan Silaban, Fauziyah Harahap</i>	168
<b>[ABS-354]</b>	<b>The Effect of Co-Operative Learning and Learning Motivation on</b>	169

**Mathematical Learning Outcomes of Class VI Students at SD Negeri 105324 Ujung Serdang**

*Elvina Natalika Damanik, Edy Syahputra, Anita Yus*

- [ABS-355] **Project-Based Learning Innovation to Support Blended Learning in The Teaching of Destillation Topic of Analytical Separation** 169  
*Marudut Sinaga, Manihar Situmorang, Wesly Hutabarat*
- [ABS-356] **Analysis of Factors That Influence The Interdiction of District / City in The Province North Sumatra** 170  
*Muhammad Yulhelmy Isra, Eko Wahyu Nugrahadi, Muhammad Yusuf*
- [ABS-357] **The Effect of Learning Models and Interests in Learning on Student Learning Outcomes** 170  
*Nanda Fridani, Hasruddin, Harun Sitompul*
- [ABS-359] **Analysis of Competitive Commodities That are Competitive in The Inter Regency Agriculture Sector in The Province of North Sumatera** 171  
*Nela Permata Sari Lubis, Eko Wahyu Nugrahadi, Muhammad Yusuf*
- [ABS-360] **The Effect of Small Sided Games Training Toword Improvement of Basic Soccer Techniques at Perfect Unimed Soccer School Students** 171  
*Fadly Reza Siregar, Budi Valianto, Nurhayati Simatupang*
- [ABS-361] **The Development Model of Learning The Game of Volleyball Under The Services for The Students Classes VII SMP 8 Medan** 172  
*Eriska Amelia Hutagalung, Agung Sunarno, Sanusi Hasibuan*
- [ABS-364] **The Differences of The Influence of Teaching Method and Self-Reliance on The Students Learning Outcomes of Long Jump Ortodock Style at Sma Negeri 1 Stabat in The Academic Year 2018/2019** 172  
*Azwar Annas, Amir Supriadi, Imran Ahmad*
- [ABS-365] **Developing the Two-Tiers Multiple Choice Test Based on Content, Construct and Language Feasibility in Identifying Students High-Order Thinking Skills** 173  
*Suyedi Hendra Yanto, Herbert Sipahutar, Syahmi Edi*
- [ABS-366] **The Effect Using Media of Comic Based on Contextual Teaching and Learning Toward Learning Outcomes Third Grade Students** 173  
*Dewi Sartika Panggabean, Mutsyuhito Solin, Zulkifli Matondang*
- [ABS-367] **Improving Teaching Skills of Pre-teacher Students With Modified Jigsaw on Biology Instructional Methodology Course** 174  
*Relsas Yogica, Lufri*
- [ABS-368] **Development of Interactive Web Based Textbooks Using Exe-Learning Media on Hydrocarbon Materials** 174  
*Fadhilah Latief, Albinus Silalahi, Nurfajriani*
- [ABS-369] **Differences in Increasing Mathematical Creative Thinking Ability and Discipline of Learning Through Problem Based Learning Models and Think Pair Share Assisted by Matlab** 175  
*Hanifan Nursyah Fitri Siregar, Mulyono, Bornok Sinaga*
- [ABS-370] **The Difference of Students Mathematical Problem Solving Skills And Students Self Esteem in Mathematics Between The Learning of Problem Based Learning Model And Realistic Mathematic Education Model** 175

*Bambang Hardian Damanik, M. Amin Fauzi, Sumarno*

<b>[ABS-371]</b>	<b>The Motivation on The Principals Performance in The State Elementary School of Medan Effect of Managerial Competence, and Work</b> <i>Wanti Simanjuntak, Benyamin Situmorang, Paningkat Siburian</i>	176
<b>[ABS-372]</b>	<b>The Implementation of Curriculum 2013 in 1 State High School Secanggang</b> <i>M. Irwan Syahputra</i>	176
<b>[ABS-373]</b>	<b>Development of Interactive Learning Media Based on Adobe Flash Cs6 in Geographic Lessons</b> <i>Mardimpu Sihombing, Julaga Situmorang, Harun Sitompul</i>	177
<b>[ABS-374]</b>	<b>Learning Model Based Traditional Game To Improve Motoric And Keeping Culture Of Traditional Games</b> <i>Muhammad Fauzi Purba, Novita, Albadi Sinulingga</i>	177
<b>[ABS-375]</b>	<b>Effect of Leadership, Personality, Empowerment and Job Satisfaction on the Performance of Forest Management Unit Employees in Riau Province</b> <i>Ali Hamdani, Paningkat Siburian, Zainuddin</i>	178
<b>[ABS-376]</b>	<b>Model of Management Training Kindergarten Teacher in Medan City</b> <i>Musdhalifah zebua, Paningkat Siburian, Biner Ambarita</i>	178
<b>[ABS-377]</b>	<b>The Effect of Guided Inquiry Learning Models on Students Creative Thinking Skills Based on Learning Video Media</b> <i>Zakiah Hayati, Nurdin Siregar, Juniastel Rajagukguk</i>	179
<b>[ABS-378]</b>	<b>The Development of Web-Based Learning Media on Economic Subject in SMA Negeri 3 Banda Aceh</b> <i>Amiruddin, Nana Suraiya, Juwita Ulfa</i>	179
<b>[ABS-381]</b>	<b>The Effect Of Learning Strategy And Locus Of Control Toward Learning Outcomes By Controlling Prior Knowledge</b> <i>Parulian Sibuea, Abdul Muin Sibuea, and Sahat Siagian</i>	180
<b>[ABS-240]</b>	<b>The Development of Traditional Games to Improve The Basic Motor Learning in Grade IV Students of SD Negeri 056000 Medan Academic Year 2018/2019</b> <i>Khoirul Fiqry Batubara, Indra Kasih, Muhammad Irfan</i>	180
<b>[ABS-382]</b>	<b>He Comparison Between Poe (Predict Observe Explain) and TPS (Think Pair Share) Learning Model on Students Learning Achievement, Activity and Critical Thinking Skill on Human Circulatory System on SMA Negeri 2 Balige Year 2013/2014</b> <i>Remli Nelmian Simarmata, Ely Djulia</i>	181
<b>[ABS-383]</b>	<b>Analysis of Figutative Language in Translation of Surah Al Maaidah</b> <i>Uswatun Hasanah</i>	181
<b>[ABS-384]</b>	<b>Language Style Used By Male and Female Indonesian Celebrities in Instagram Endorsment</b> <i>Lindryana Syahmita Harahap</i>	182
<b>[ABS-385]</b>	<b>Factors That Influence Principal Organizational Commitment of Vocational High School in the City of Medan</b> <i>Saut Purba, Sukarman Purba</i>	182



- [ABS-386] The Effects of Principal Leadership, School Climate and Teacher Achievement Motivation on Teacher Work Commitment of State Junior High Schools in Tanjung Morawa District** 183  
*Yulia Hafni, Darwin, Zulkifli Matondang*

## **List of Title and Abstract of Plenary Speaker**

## **The Roles of Teachers and Students in co-Constructing Motivation, Engagement, and Learning**

**W. L. Quint Oga-Baldwin**

Faculty of education and Integrated Art and Sciences, Waseda University - Japan

### **Abstract**

Theorists have long held that learning is a co-constructed process, created in the interaction between learners and teachers. Much work done in this realm has been qualitative, focused on the individual, micro-level scaffolded experiences that promote conceptual changes. More recent large scale quantitative modeling can confirm this theoretical position, demonstrating how and to what extent learners' abilities, attitudes, behaviors, and perceptions of the environment interact and lead toward achievement. Work done in the traditions related to self-determination theory and social cognitive theory can offer a clear set of principles for maximizing positive attitudes, achievement, and ultimately well-being. In this talk, I will discuss recent work from this theoretical tradition, modeling the interactions between students' beliefs and abilities, their behaviors, and the learning environments they inhabit. I will stress the universal, etic nature of these theoretical traditions while emphasizing the emic, culturally specific modifications that may inform the local understanding of these theories and their applications.

## **Big Education-Active Learning in Authentic Contexts**

**Wu-Yuin Hwang**

Director, Network Learning Technology, National Central University, Taiwan  
e-mail: wyhwang1206@gmail.com

### **Abstract**

Based on statistical survey of publication performance of instructional design and technology in 65 SSCI high quality journals from 2007 to 2017, (<https://onlinelibrary.wiley.com/doi/pdf/10.1111/bjet.12712>), I am in top 10 of both rankings of the number of publications and their contributions. In the statistics, there are only 7 scholars in the world entering the both rankings and fortunately I am one of them, I am happy to get this honor. This is indeed a good encouragement in my academic career and hopefully I can continue and get more contribution and recognition in this area. In this keynote speech, I will address the innovative idea: BIG Education- Active Learning in Authentic Contexts for three aspects, creativity, sustainability, and scalability, which I have engaged myself in for my recent 5 years. In BIG Education, beside considering help learners to learn actively and achieve high cognition, it also concerns how to help learners learn happily, and hopefully help their health as well when they explore and interact authentic contexts. Therefore, in my recent two three-year research projects (2015-2017 and 2018-2020) from Ministry of Science and Technology, Taiwan, I engaged myself in this issue with designing and developing some ubiquitous APPs like ubiquitous English tool, ubiquitous geometric tool and ubiquitous physics for motivating learners to learn actively in authentic context. Some research examples and related publication will be given using ubiquitous English to demonstrate the findings and results and show the importance of BIG Education. Hopefully, BIG Education can attract more researcher's attentions and efforts to do collaboration and investigate it deeply.

## **Pre-Service Teacher Education in Thailand in the Changing Time: Policies and Challenges**

**Assoc.Prof.Ekkarin Sungtong<sup>1</sup>, Ph.D.  
Warapark Maitreephun<sup>2</sup>, Ph.D.**

<sup>1</sup>Dean of Faculty of Education, Prince of Songkla University, Thailand  
E-mail: ekkarin.s@psu.ac.th

<sup>2</sup>Lecturer at Department of Educational Administration, Faculty of Education, Prince of Sonkla University  
E-mail: warark.m@psu.ac.th

### **Abstract**

The quality of teachers is the key to the success of children learning in the society and teachers are at the heart of any education reform. For decades, Thai teacher education development in Thailand has dramatically shifted its focuses and directions from content-based to competency based approach due to political and economic forces. Thus, educational institutions especially universities are highly expected to prepare professional teachers who possess knowledges, skills and competencies that align with changing society and customers' needs. This high expectation on teacher education inevitably brings challenges for universities in designing effective outcome-based curriculum, pedagogies, supporting activities and internship model as well as helping students to pass the standard tests for the teaching license. This paper aims to provide how education policies have been changed including influences on teacher education preparation in the country and potential challenges that Thai universities may encounter. Practical guidelines for dealing with challenges on the new pathway of teacher education development will be provided for implementations.

## **Strategies and Research Issues of Personalized Ubiquitous Learning in Specific Disciplines**

**Patcharin Panjaburee**

Institute for Innovative Learning, Mahidol University, Thailand

E-mail: panjaburee\_p@hotmail.com

### **Abstract**

Ubiquitous learning has been recognized by scholars as one of challenging research issues of technology-enhanced learning. In the past decade, the use of ubiquitous devices, such as smart phone, tablet, laptop, and wireless communication technologies in school or university settings has been widely discussed. On the other hand, several researchers have indicated the challenges and importance of considering students' characteristics when designing ubiquitous learning activities as well as personalized ubiquitous learning support systems in several disciplines. The aim of this talk is to review the current states of personalized ubiquitous learning studies and their design considerations for specific disciplines. To this end, various implementations of personalized ubiquitous learning support systems for different disciplines as well as harmonization of learning strategies are introduced in this talk, such as their implementations in physics, chemistry, biology, earth science, computer science, and information and communication technology courses with inquiry-based learning and flipped classroom strategies. Moreover, the experience and thinking of conducting these personalized ubiquitous learning studies as well as the promotion of the research results across Thai school settings are presented. With systematically examining and comparing these personalized ubiquitous learning studies, it is expected that this talk can ignite researchers and school or university teachers who are devoted to technology-enhanced learning to reach interesting research issues and to design effective ubiquitous learning approaches for authentic classrooms in the future.