PROCEEDINGS
AISTEEL 2017
THE 2nd ANNUAL INTERNATIONAL SEMINAR ON TRANSFORMATIVE EDUCATION AND EDUCATIONAL LEADERSHIP

Educational Research to Endorse Productive and Innovative Generation in the 21st Century

16-17 October 2017
Ball Room Grand Mercure Hotel, Medan - Indonesia

Organized by:
Post Graduate School
State University of Medan
North Sumatera, Indonesia

Supported and Coordinated by:

Indexing By:

ISSN: 2548 - 4613
Vol. 2, December 2017
Proceedings of The 2nd Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL 2017)

“Educational Research to Endorse Productive and Innovation Generation in The 21th Century”

Grand Mercure Hotel, Medan City, North Sumatera, Indonesia
October 16-17, 2017

Editorial Board

Editorial-in-Chief
Dr. Juniastel Rajagukguk, M.Si (State University of Medan, Unimed)

Deputy Editor
Dr. Saronom Silaban, M.Pd (State University of Medan, Unimed)

International Advisory Board / Scientific Committee
Prof. Dr. Kala Saravanamuthu (University of Newcastle, Australia)
Prof. Arjen EJ Wals (University of Gothenburg, Sweden)
Prof. Dr. Bornok Sinaga, M.Pd (Unimed, Indonesia)
Prof. Dr. Aytekin Isman (Sakarya University, Turkey)
Prof. Peter Charles Taylor, Ph.D., Med., B.Sc., Dip.Ed (Murdoch University, Australia)
Prof. Dr. Mukhlas Samani, Ph.D (Indonesia)
Prof. Dr. Jailani bin Md. Yunos (University Tun Hussein on Malaysia)
Prof. Dr. Nurahimah Mohd. Yusuf (UTM, Malaysia)
Assoc. Prof. Dr Pedro Isaias (University of Queensland, Australia)
Assoc. Prof. Elisabeth Taylor, Ph.D (Murdoch University, Australia)
Dr. Bambang Sumintono, M.Ed (Universiti Malaya, Malaysia)
Dr. Isma Widyaty, M.Pd (UPI, Indonesia)
Prof. Dr. Syahrul R, M.Pd (UNP, Indonesia)
Prof. Amrin Saragih, MA., Ph.D (Unimed, Indonesia)
Assoc. Prof. Ade Gafar Abdullah, M.Si (Universitas Pendidikan Indonesia)
Eng. Asep Bayu Dani Nandiyanto (Universitas Pendidikan Indonesia)
Prof. Dr. Hartono, M.Pd (Universitas Negeri Semarang)

Please cite the proceeding as “Proceeding of the First Annual International Seminar on Transformative Education and Educational Leadership Vol. 2” with the following abbreviation: Proc. Aist., 2
Preface

The 2nd Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL with web link is http://aisteel2017.unimed.ac.id/) was held on October 16 -17, 2017 in Medan City, Indonesia. This conference was organized by Postgraduate School, State University of Medan (Unimed) and is the routine agenda at Unimed now. The Second Annual International Seminar on Transformative Education and Educational Leadership’ is realized this year with various presenters, researchers, lecturers and students from universities both in and out of North Sumatera participate in the theme of which is “Educational Research to Endorse Productive and Innovative Generation in the 21st Century.”

2nd AISTEEL is the annual international seminar with main aim is to discuss of recent research special for Transformative Education and Education Leadership. Several topics like: Teachers Education Model, Research Global Issue in Education, Mathematics and Science Education, Social, Language Education, Vocational Education, Curriculum, Economic, History and Management Education have been discussed at the 2nd AISTEEL 2017. 2nd AISTEEL international seminar provided experts’ view on transformative education and educational leadership as well as curriculum article presentation. There were five keynote speakers have been came Professor Keiichiro Yoshinaga, Dr. Bambang Sumintono, Dr. Sitti Maesuri Patahuddin, and Dr. Yulia Rahmawaty. The organizer had been use online submission system to receive all abstract, full paper and also communication with authors. All of information include with comment of reviewer can be checked real time by author.

Chairperson

Dr. Rahmad Husein, M.Ed
Welcoming Speech of Director of Postgraduate School State University of Medan

The Second Annual International Seminar on Transformative Education and Educational Leadership (AISTEEL)

The honorable,
- Rector of State University of Medan, Prof. Dr. Syawal Gultom, M.Pd.
- Vice Rectors of UNIMED
- Professor Keiichiro Yoshinaga, PhD, Institute of Liberal Arts and Science, Kanazawa University – Japan
- Dr. Bambang Sumintono, M.Ed., University Malaya – Malaysia
- Dr. Sitti Maesuri Patahuddin, Faculty of Education, Science, Technology and Mathematics, University of Canberra – Australia
- Yuli Rahmawati, Chemistry Education Program, Universitas Negeri Jakarta
- Deans of Faculties of Education, Languages and Arts, Social Sciences, Natural Sciences and Mathematics, Engineering, Sports Sciences, and Economics
- Vice Directors of Postgraduate School of UNIMED
- All speakers, lecturers, researchers, students, and participants

Good Morning
Welcome the honorable guests speakers Professor Keiichiro Yoshinaga, Dr. Bambang Sumintono, Dr. Sitti Maesuri Patahuddin, Assoc. Prof. Emilia Zulmira de FAN, and other speakers, lecturers and students from outside and inside Unimed to this international seminar which is the routine agenda at Postgraduate program of Unimed now. I’m glad that ‘The Second Annual International Seminar on Transformative Education and Educational Leadership’ is realized this year with various presenters, lecturers and students from universities both in and out of North Sumatera and participate in the theme of which is “Educational Research to Endorse Productive and Innovative Generation in the 21st Century.”

Ladies and Gentlemen,
In this second seminar excels the first one related to the administration by online and the publication index by either Thomson Reuters or Google Scholar. By the new policy on student’s publication, postgraduate program really matches the system, particularly for the students who will sit in the oral defence examination. Through the seminar, the postgraduate students improve their article journal writing and it is proved by many articles are submitted by the students.

The plenary speakers coming from 15 provinces in Indonesia will present topics covering multi disciplines. They will contribute a lot of inspiring inputs and new knowledge on current trending educational research topics all over the world. The expectation is that all potential lecturers will share their research findings to educational scientists and researchers as well for improving their teaching process and quality. Thus, this will contribute to the next young generation researchers to produce innovative research findings in education and educational leadership contexts.

This second seminar continues the promotion of the first sequel ‘Developing Future Teachers’ Education Model. Therefore, the propose of this second seminar on the transformative education and educational leadership research will trigger the young professional lecturers and educators to compete in the invention of innovative educational teaching and learning strategies, techniques and leadership.

I hope that the scientific attitude and skills through research will promote Unimed to be a well-known university which persists to be developed and excelled in the future.

Thank you the Rector of Unimed who always supports us in organizing the seminar. Thank you all guest and plenary speakers. Special thanks to both steering and organizing committee who have well-coordinated and collaborated in actualizing the seminar.

Director of Postgraduate Unimed

Prof. Dr. Bornok Sinaga, M.Pd
<table>
<thead>
<tr>
<th>Title of the Paper</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Effect of Using Collaborative Learning Strategy on The Student’s Achievement in Writing Descriptive Text</td>
<td>1</td>
</tr>
<tr>
<td>Nursyah Handayani</td>
<td></td>
</tr>
<tr>
<td>The Development of Multicultural Based Teaching Materials on the Observation Report Text for Senior High School Student</td>
<td>5</td>
</tr>
<tr>
<td>Nurhasanah Permata Sari Sembiring, Khairil Ansari, Mutsuyhito Solin</td>
<td></td>
</tr>
<tr>
<td>The Power Behind Advertisement</td>
<td>10</td>
</tr>
<tr>
<td>Endang Larasati</td>
<td></td>
</tr>
<tr>
<td>The Effect of Using Audio Visual Media on Student’s Vocabulary Mastery</td>
<td>13</td>
</tr>
<tr>
<td>Resti Citra Dewi</td>
<td></td>
</tr>
<tr>
<td>Ideational Taxonomic Relation of Hata Pangupa in Tapanuli Selatan Wedding Ceremony</td>
<td>17</td>
</tr>
<tr>
<td>Mutia Nasution</td>
<td></td>
</tr>
<tr>
<td>Pal’s Leadership Style and Teacher’s Performance of Islamic Junior High State School (MTsN) Hamparan Perak Deliserdang Distric</td>
<td>21</td>
</tr>
<tr>
<td>Nurma, Maria Ulfah Handayani, Denny Khairani, Desi Prawita</td>
<td></td>
</tr>
<tr>
<td>The Influence of Work Motivation on Teacher’s Job Performance of Vocational High School in Medan</td>
<td></td>
</tr>
<tr>
<td>Darmawati, Sri Melfayetti, Selamat Triono Ahmad</td>
<td>24</td>
</tr>
<tr>
<td>Error Analysis by Using Tenses of Senior High School</td>
<td>28</td>
</tr>
<tr>
<td>Hariyanto</td>
<td></td>
</tr>
<tr>
<td>The Traditional Custom and Ceremonial Tradition in Suku Anak Dalam Language</td>
<td>32</td>
</tr>
<tr>
<td>Putri Ayu Lestari</td>
<td></td>
</tr>
<tr>
<td>The Impact of Internet Marketing on Success of Women Micro, Small and Medium Enterprises Innovation as Intervening Variable</td>
<td>36</td>
</tr>
<tr>
<td>Fivi Rahmatus Sofiyah, Ami Dilham</td>
<td></td>
</tr>
<tr>
<td>The Effect of Cooperative Integrated Reading and Composition (CIRC) Technique on Students Reading Comprehension</td>
<td>40</td>
</tr>
<tr>
<td>Linda Efrina Nasution</td>
<td></td>
</tr>
<tr>
<td>Translation Shifts in Translating Didong from Gayonese in to Bahasa Indonesia</td>
<td>44</td>
</tr>
<tr>
<td>Wike Yurida</td>
<td></td>
</tr>
<tr>
<td>The Effect of Team Assisted Individualization (TAI) Strategy on Student’s Reading Comprehension</td>
<td>48</td>
</tr>
<tr>
<td>Khairuni Syafitri</td>
<td></td>
</tr>
<tr>
<td>The Effect of Organizational Culture on Working Disciplines of Madrasah Ibtidaiyah Head Master in Deliserdang</td>
<td>53</td>
</tr>
<tr>
<td>Muhammad Rifa’i, Syafaruddin Siahaan, Siman Nurhadi</td>
<td></td>
</tr>
<tr>
<td>Student’s Achievement on Reading Comprehension in Narrative Text by Using Think Pair Share Technique (TPS) at SMPN 1 Lubuk Pakam</td>
<td>58</td>
</tr>
<tr>
<td>Eprima Lestari Hutasabarat</td>
<td></td>
</tr>
<tr>
<td>Ideational Taxonomic Relations of Hobar on Parpokatan Orja of South Tapanuli</td>
<td>63</td>
</tr>
<tr>
<td>Novria Grahamayanuri</td>
<td></td>
</tr>
<tr>
<td>The Effect of Using Task Based Learning Method on the Student’s Achievement in Reading Comprehension</td>
<td>69</td>
</tr>
<tr>
<td>Nilam Ulami Siregar</td>
<td></td>
</tr>
<tr>
<td>Relationship of Initiation Structure and Consideration with Effectiveness Leadershhip</td>
<td>72</td>
</tr>
<tr>
<td>Wanti Simanjuntak, Syafri Sogala</td>
<td></td>
</tr>
<tr>
<td>The Effect of Storytelling Method on Students Writing Narrative Text Ability at the Eleventh Grade Students of MAN Panyabungan</td>
<td>77</td>
</tr>
<tr>
<td>Armita Novriiana Rambe</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Page</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>The Implementation of Curriculum 2013 in Vocational High School 4 Takengon</td>
<td>80</td>
</tr>
<tr>
<td>Zainal Arifin, Herbert C.B. Manalu, Rini Deliana, Fitri Ariyanti</td>
<td></td>
</tr>
<tr>
<td>The Difference of Mathematical Problem Solving Ability by Using Student Teams Achievement Division (STAD) and Direct Instruction on System Linear Equation Two Variable in Grade VIII SMP Negeri 11 Medan</td>
<td>84</td>
</tr>
<tr>
<td>Faradilla Bafaqih, Ceepe Nandar</td>
<td></td>
</tr>
<tr>
<td>The Influence of Problem-Based Learning and Every One is A Teacher Here Models on Higher Order Thinking Skills in Environmental Pollution Topics</td>
<td>89</td>
</tr>
<tr>
<td>Kurnia Putra, Hasruddin, Ahmad Raziqi Tantawi</td>
<td></td>
</tr>
<tr>
<td>The Effect of Applying Task Based Learning (TBL) Approach on The Student’s Ability in Writing Descriptive Paragraph</td>
<td>94</td>
</tr>
<tr>
<td>Vijay Khana</td>
<td></td>
</tr>
<tr>
<td>Teacher’s Language Style in English Course Class</td>
<td>98</td>
</tr>
<tr>
<td>Dyan Yosephin Hutagalung</td>
<td></td>
</tr>
<tr>
<td>Differences Between Students Mark Taught With Co-Operative Learning Model Type TGT With Guess The Words Media Compared With Students Mark Taught With Co-Operative Learning Models With Words Square Media in Hydrocarbon Subject</td>
<td>101</td>
</tr>
<tr>
<td>Hariani Siregar, Gulmah Sugiharti</td>
<td></td>
</tr>
<tr>
<td>Language Used by Male and Female of Darul Ilmi Murni</td>
<td>107</td>
</tr>
<tr>
<td>Syakri Hidayati</td>
<td></td>
</tr>
<tr>
<td>The Use of Journal Writing in Improving Student’s Writing Skill of Recount Text</td>
<td>110</td>
</tr>
<tr>
<td>Muhammad Ilham Adha</td>
<td></td>
</tr>
<tr>
<td>Teacher and Student Perceptions Toward Practical Implementation Obstacles at Learning Chemistry</td>
<td>114</td>
</tr>
<tr>
<td>Sepra Pajar, Ramlan Silaban, Zainuddin Muchtar</td>
<td></td>
</tr>
<tr>
<td>The Analysis of of the Implementation and Problems of Lab Work on Chemistry Learning</td>
<td>120</td>
</tr>
<tr>
<td>Elvira Lastri, Iis Siti Jahro, Marham Sitorus</td>
<td></td>
</tr>
<tr>
<td>The Implementation of Using Library Card and ICT Based Library Service System in Increasing Reading Interest of Primary School Students at Tanjung Gading of Batu Bara Regency</td>
<td>125</td>
</tr>
<tr>
<td>Suwi Amalia, Asih Menanti</td>
<td></td>
</tr>
<tr>
<td>Project Based Learning Tools Development on Alcohol and Ether Materials at Natural Science Faculty State University of Medan</td>
<td>132</td>
</tr>
<tr>
<td>Nadiia Armina Ramad, Jamalum Purba</td>
<td></td>
</tr>
<tr>
<td>The Development of Teaching Material to Write Explanation Text Based on Mind Map</td>
<td>138</td>
</tr>
<tr>
<td>Pienti Mala Ningsih Manalu, Biner Ambarita, Rosmawaty Harahap</td>
<td></td>
</tr>
<tr>
<td>Improvement of Student Learning Outcome Using Model of Collaborative Based Lesson Study with Student’s Worksheet on Materials Hydrolysis</td>
<td>141</td>
</tr>
<tr>
<td>Agus Muliaman, Laila Majnun Hutagool</td>
<td></td>
</tr>
<tr>
<td>The Application of Comic Learning Media to Improve Student’s Achievement on Reduction and Oxidation Reaction Topic</td>
<td>146</td>
</tr>
<tr>
<td>Anggi Desviana Siregar, Rini, Herdini</td>
<td></td>
</tr>
<tr>
<td>The Application of Cooperative Learning Round Robin to Improves Student Learning Achievement on the Subject of Electrolyte-Nonelectrolyte and Redoxin Class X SMAN 1 Seberida</td>
<td>150</td>
</tr>
<tr>
<td>Nora Santi, Betty Holiwarni, Johni Azmi</td>
<td></td>
</tr>
<tr>
<td>The Effect of Combination Cooperative Learning Models Toward Learning Result</td>
<td>154</td>
</tr>
<tr>
<td>Sapnita Idamarna Daulay</td>
<td></td>
</tr>
<tr>
<td>The Maintenance of Hokkien Among Chinese Speakers in Stabat</td>
<td>159</td>
</tr>
<tr>
<td>Widya Ningsih</td>
<td></td>
</tr>
<tr>
<td>Effect of Blended Learning Model and Learning Style to Civic Education Learning Results in Class VII in Junior High School Panca Budi Medan</td>
<td>164</td>
</tr>
<tr>
<td>Mudina Qud sia Labis, Reh Bungana Br. Perangin-angin, Mursid</td>
<td></td>
</tr>
<tr>
<td>EFL Student’s Uses of Um as Fillers in Speaking</td>
<td>169</td>
</tr>
<tr>
<td>Eka Riana</td>
<td></td>
</tr>
</tbody>
</table>
The Influence of Role Playing Method and Self Concept of Social Skills of 5-6 Years Old Child
Rabiah Hanum Hasibuan, Anita Yoo, Yusnadi

172

The Effect of Learning Approach and Personality Type Towards Learning Outcomes
Dhoy Dinda Sari, Julaga Situmorang, Busmin Gurnong

178

The Effect of Learning Models and Critical Thinking Skills on Social Science Learning Outcomes
Juriah Siregar, Julaga Situmorang, Baharuddin

183

The Effect of Suggested Method on Student’s Achievement in Vocabulary
Happy Yersin Digna Purba

188

Application of Active Learning Strategy Type Everyone is A Teacher Here (ETH) to Increase Student Activity and Learning Outcomes in Chemistry on Salt Hydrolysis
Willa Fajrina, Darra Utari Ningsih, Sri Adelila Sari, Habibati

193

The Effect of Learning Strategy and Type of Personality on Student’s Achievement in Economic Science
Dewi Shara Dalimunthe

198

Development of Learning Tools Based on Realistic Mathematics Education of Ethnomathematics Nuances to Improve Mathematical Communication Skill Students in Junior High School 2 Percut
Seitusan

202

The Impact of Cooperative Learning Strategy and Learning Interest Toward the Learning Result of Second Year of Senior High School Students in 2016/2017
Riswan Sianturi, Abdul Main Sibuea, Edward Purba

208

The Development of Flash Program as a Media of Chemistry Learning on Chemical Equilibrium
Leni Khotimah Harahap, Albinus Silalahi, Iis Siti Jahro

210

The Ethnical Mandailing Tradition of Courtship (Markusip) and Revitalization Efforts in the Formation of the Character Youth
Rizqi Jamiah, Edi Syahputra, Kms. M. Amin Fauzi

214

The Effect of Education on Unemployment Rate in Indonesia
Rahmat Putra Ahmad Hasibuan, Dede Ruslan, Fitrawaty

218

Development of Explanatory Text Materials Based on Problem Solving in Senior High School
Pematangsiantar

222

Tiarma Nova Intan Malasari, Biner Ambarita, Malan Lubis

Learning Model of Strengthening Vocational Life Skills With Entrepreneurship Knowledge to Improve Student Learning Outcomes
Husni Wardi Tanjung

226

A Critical Discourse Analysis Wardah Halal Beauty Advertisements
Ayu Lestari Siregar, Mei Lastri E.F. Butar-Butar

229

Influence of Creative Problem Solving (CPS) Mathematics Learning Model to Mathematical Problem Solving and Self Efficacy Students of SMA Negeri 3 Binjai
Nurcahaya Hutasoit, Martua Manullang, Ani Minarni

232

Differences in Mathematics Problems Solving Students With Implementing Learning Model Think Pair Square and Group Investigation in Junior High Schools
Abdul Halim, Edy Surya

236

The Acquisition of Nouns and Verbs of Mandailingnese by Two-Year-Old Mandailing Children
Marwah, Amrin Saragih, Sri Minda Murni

240

Utilization of ICT Learning in Senior High School Teladan Medan
Tengku Salwa Miranti

244

The Effect of Cooperative Learning Model Based Interactive Media and Interpersonal Communication on Student’s Achievement
Catur Ayu Wialandari, Efendi Napitupula, Keysar Panjaitan

248

Developing of Learning Material Based on Problem Based Learning to Increase Student’s Mathematical Reasoning Ability and Self-Efficacy in Grade X SMA Negeri 1 Medan
Anggi Paramita Daulay, Dian Armanto, Waminton R
Efforts to Increase A Motivation to Learning Math Using “Program” Learning Model
Linda Sari, Edi Syahputra
257
The Efod of Improving Mathematics Learning Outcome on Quadrilateral and Triangle Matter by Using Gradually Exercise Strategy with The Assistance of Image Media
Ady Putra, KMS, Muhammad Amin Fauzi, Yulita Moliq
261
The Difference on Students’ Mathematical Creative Thinking Ability Between Realistic Approach with Conventional in The State Madrasah Tsanawiyah 2 of Medan
Siska Lestari, Zul Amry, Hasrattuddin
264
Developing Learning Materials Using Realistic Mathematics Education to Increase Junior High School Students’ Mathematical Disposition and Connection Ability
Syu’aida Hazar Nasution, Izwita Dewi, E. Elvis Napitupulu
269
Developing Learning Materials Using Problem Based Learning to Increase Senior High School Student’s Mathematical Disposition and Representation Ability
Dewi Khairani, Mulyono, Izwita Dewi
275
The Effect of Question Students Have Strategy on The Result of Students Learning in Mathematics
Yuliani Aruan, Edi Syahputra
281
Analysis of Academic Supervision Competence and Managerial Supervision in Improving the Performance of Vocational High School Supervisors in Langsa City
Muhammad Hendra, Saut Purba, Mian Siahaan
284
The Use in Active Learning Strategy of Learning Starts with a Question Type in the Mathematics Learning
Jeni Putria Efif, Ani Minami, Pardomuan Sitompul
289
Improving the Ability to Learn Math by Using Rubu’ al-Mujayyab Media
Muhammad Hidayat, Edi Syahputra, E. Elvis Napitupulu
293
The Impact of Education Cost and Government Spending the Interest Rate of Bank Indonesia
Subtitle
Julika Rahma Siagian, Dede Ruslan, Arwansyah
297
The Implementation of Problem Based Learning Models to Improve Mathematical Problem Solving Ability of Students on Arithmetic Materials in Class VII Junior High School
Elidar Tanjung, Izwita Dewi, Mulyono
301
The Effect of Learning Strategies to Trial By Jury in Participatiovent Mathemarics Learning Student of Junior High School
Rizka Putri Rahaya, Ani Minami, Zul Amry
305
The Differences Between The Effect of Realistic Mathematics Learning Approach to Conventional Learning with The Students Mathematics Learning Outcomes in Junior High School of 38 Medan Grade VII
Diahi Ari Sapatri, Syafari
309
The Effect of Value National Exam Standards at Learning Achievement of Students at Senior High School
Nurdiana Fahmi, Bornok Sinaga, W. Rajagukguk
312
The Effect of Open Unemployment Rate and Level of Vocational High Education to Poverty in North Sumatera Province
Zulaili, Indra Maipita
315
The Application of Cooperative Learning of Think-Pair-Share (TPS) Type to Increase the Students’ Ability of Problem-Solving
Madriquia Fadhilah Siregar, Zul Amry, Syafari
320
The Relationship Between Metacognitive With the Results of Learning Outcomes on the Fungi Topic
Elizabeth, Herbert Sipahutar, Syahmi Edi
324
Comparison of DNA Isolation Methods from Economically Valuable Plants in Indonesia
Chairiyani Risika, Fauziyah Harahap, Syahmi Edi
327
Development of Learning Device Based on Realistic Approach to Improve Problem Solving Ability Mathematic of Student at Junior High School
Susanna Romaria Harahap
333
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Efforts to Improve Understanding and Use Concept of Additive Fractions and Reduction Using Media Comics on Model Cooperative Learning Type Student Team Achievement Division (STAD)......</td>
<td>339</td>
</tr>
<tr>
<td>The Effect of Cooperative Learning Type Games Teams Tournament (TGT) of Mathematics Learning Outcomes in the Fractions Matter...</td>
<td>342</td>
</tr>
<tr>
<td>Development of Authentic Mathematics Assessment in Application of Problem Based Learning Model to Improve Problem Solving Ability and Understanding of Student Mathematics Concept at Namorambe Secondary Private Middle School Junior High...</td>
<td>347</td>
</tr>
<tr>
<td>The Increasing of Student's Mathematics Problem Solving Ability and Learning Motivation Through Problem Based Learning Model...</td>
<td>351</td>
</tr>
<tr>
<td>Dialect of Batakinese Language Used by Senior High School Students’...</td>
<td>358</td>
</tr>
<tr>
<td>The Effectiveness of Tandur Method of Improving Students’ Learning Ability in Junior High School...</td>
<td>362</td>
</tr>
<tr>
<td>The Effect of Reciprocal Teaching Approach to Student Achievement on Ecosystem Topic in Junior High School...</td>
<td>365</td>
</tr>
<tr>
<td>Improvement of Student Learning Result by Using Cooperative Learning Model of Teams Games Tournament Type on Algebra Fuction Limit...</td>
<td>367</td>
</tr>
<tr>
<td>Noun Phrase of Culture Articles in The Jakarta Post...</td>
<td>371</td>
</tr>
<tr>
<td>Application of Cooperative Learning Model Type Think Pair Share for Improved Communication...</td>
<td>374</td>
</tr>
<tr>
<td>Implementation Model of School Policy in Constructing Behavior of Troubled Students...</td>
<td>378</td>
</tr>
<tr>
<td>Efforts to Improving Creativity and Mathematics Learning Outcomes of Students With SPLET Strategy...</td>
<td>382</td>
</tr>
<tr>
<td>The Influence of Physical Education in Establishment of Self Esteem...</td>
<td>386</td>
</tr>
<tr>
<td>The Improvement of Dance Art Learning Achievement for Deaf Students Through Total Communication Application (Gesture/Signal) in Sekolah Luar Biasa (SLB) - E Negeri Pembina Tingkat Provinsi Sumatera Utara...</td>
<td>390</td>
</tr>
<tr>
<td>Innovation of Media Video Compact Disc Instructional Pencak Silat for High School...</td>
<td>393</td>
</tr>
<tr>
<td>Achievement Strategy of the Indonesian National Qualification Framework Based Curriculum Generic Description of Sport Education Postgraduate Program Universitas Negeri Medan...</td>
<td>397</td>
</tr>
<tr>
<td>The Effect of Teaching Styles and Motor Ability as The Result of Study Dribbling Football...</td>
<td>401</td>
</tr>
<tr>
<td>Semantic Analysis of English Loan Words in Indonesian Electronic Paper (Analisa)...</td>
<td>404</td>
</tr>
<tr>
<td>Analysis of Empowerment of Competence Sinergy on Optimization of Education System...</td>
<td>408</td>
</tr>
<tr>
<td>Inquiry-Based Video Learning Media For Overcoming Student Learning Difficulty (Case Study at State Junior High School 3 Lubuk Pakam Deliserdang District)...</td>
<td>412</td>
</tr>
</tbody>
</table>

**viii**
The Development of Mathematics learning Tool Oriented on Problem Based Learning to Enhance Mathematics Problem Solving Ability and Self Efficacy
Solawati Nainggolan, Mulyono, Hasratuddin
The Effectiveness of Contextual Inquiry-Based Worksheet on the Matter of Fungi on Food Towards Students’ Higher-Order Thinking and Science Process Skills of Biology Education
Nurjamiah Siregar, Hasruddin, Syahmi Edi
The Function of Limits Mastery on Mathematics Learning Achievement in Derivative Subject at the Eleventh Grade of Madrasah Aliyah Yayasan Pendidikan Karya Setia Padangsidimpuan
Hasna Dewi Ritonga
Effect of Education Level, Income, Inflation on Community Consumption Pattern in North Sumatera Province
Nelly Hutajulu, Fitrawaty, M.Fitri Rahmadana
Application of Problem Based Learning Model Assisted by Cabri Software to Improve Problem Solving Ability of Mathematics Students
Ahmad Darmawan, Edi Syahputra, Kms. M. Amin Fauzi
Optimization of Academic Supervision Competence of High School Supervisor in Karo Regency with Critical Events Model (CEM)
Karyawan Keliat, Yasaratodo Wau, Irsan
The Concept of Physics Learning Media Based Computer Animation
Ratna Tanjung, Mukhtar, Efendi Napitupulu
Cultivating Children’s Critical Attitude with Educational Philosophy
Daulat Saragi
Ideational Taxonomic Relation of Hata Pangupa in Tapanuli Selatan Wedding Ceremony

Mutia Nasution
English Applied Linguistic Study Program
Universitas Negeri Medan, Medan, Indonesia
Email: mutianasution238@gmail.com

Abstract- Mangupa is one of ceremonial in Tapanuli Selatan wedding ceremony. The society of Batak Tapanuli Selatan face mangupa as the important ceremony in Batak Tapanuli Selatan society if they come from the rich family and have a son they will make Horja Godang (big party) in their son wedding party. This paper aims at investigating the types of taxonomic relations of Hata Mangkobarkon Pangupa Di Na Haroan Boru in Tapanuli Selatan. This study used a descriptive qualitative method. There are three texts analyzed representing of the elements of the society of the wedding party included suhut, kahanggi and mora. Based on the analysis of the data the findings showing that there are 5 types of taxonomic relations found, they are repetition, synonym, contrast, class and part in the texts of Hata Mangupa. The most type which often appear is repetition. It shows that the words become the topic of the research.

Keywords: taxonomic relations, mangkobarkon pangupa, tapanuli selatan

I. INTRODUCTION

Indonesia is known with many variations of customs. Those customs are different in every regions of Indonesia. They become heritage for society that still exists. They play such a guidelines of live in the community from one generation to the next generation. The problems which are found in the life of the society are easy to be ordered through those customs. It becomes the reason of the existence of customs used by the society in various regions in Indonesia. One of the famous custom and exists in Indonesia is traditional wedding ceremony in Tapanuli Selatan.

There are some events that must be done in the process of wedding ceremony in Tapanuli Selatan, one of them is Mangupa. Mangupa is a ceremonial activity which given meal to the couple of wedding ceremony. The purpose of the ceremonial is to strengthen the spirit of the couple.

In this event, the grooms father and mother will serve pangupaan the couple spirit to face their life. Pangupaan is the meal such as rice, head of buffalo, chicken, fish, egg and salt that serve by family to the groom and bride.

In the process of giving meal to the groom and bride, there are some speech that said by some people in the elements of the Batak society such as mora, kahanggi, anak boru, hatohangon, harajaon, and so forth. Here oral language (Hata Pangupa) becomes the media of them as a communication tool to convey meaning in accordance with customary language and rules, as well as regulations.

Hata Mangupa in wedding ceremony consist of some elements such as: speakers, complementary ceremonies, places and speaker’s time [1]. The first speakers of Hata Mangupa is father’s groom and then added by kahanggi, anakboru and pisang raut [2].

The oral tradition is realized through custom lexicons. The unexpected reality happened in the society showed a reduction of oral tradition used by speaker and community. This is due to the natural process of inheritance which does not run as it is expected, while the change in the culture is running fast. Confronted by this fact, the only thing that is important in maintaining the oral tradition in ceremonies on the present and the future is the inheritance system and custom in Tapanuli Selatan.

The oral tradition in customary marriage ceremony of Tapanuli Selatan has been indicated by the development through education that makes it begin shifted from the position. In another case, the lexicon used in the oral tradition consists of local wisdom and customary philosophical values which make most of the younger generations cannot understand the meaning of each lexical elements and its relations. Thus, the custom which contains the values of tradition and rich in meaning becomes forgotten.

A study of lexical relations have an important role to play in discourse structure [3]. This study realized in the scope of ideation. It focuses on sequences of activities, the people and things involved in them, and their associated places and qualities, and on how these elements are built up and related to each other as a text unfolds. The chains of relations between lexical elements as a text unfolds, from one clause to the next known as taxonomic relations [4]. Some of these relations include repetition, synonymy, contrast: oppositions (antonyms and converses) and series (scales and cycles), class: class-member and co-class and part: whole-part and co-part. The metaphoric entities are treated as instances of grammatical metaphor. Grammatical metaphor by definition involves tension between the stratum of discourse semantics and lexicogrammar [5].

The reasons that have parsed above invites the need for researcher to conduct a research of lexical elements of Hata Mangupa in Tapanuli Selatan Wedding Ceremony through the Taxonomic Relations.
II. METHODOLOGY

This research applied descriptive and qualitative design. Descriptive method is aimed at investigating the process of taxonomic relations of Hata Pangupa in Tapanuli Selatan Wedding Ceremony. In other words, this research concerning the analysis of lexical relations informing text through Hata Pangupa on the wedding custom of Tapanuli Selatan.

Source of the data recorded from wedding ceremony of Hata Pangupa in Tapanuli Selatan Wedding Ceremony. There were three of representative of hata taken from suhut, mora and kahanggi. The all utterances recorded were transcribed. Those were analyzed through the ideation of taxonomic relations which discussed about the lexical relation involved in those Hata Pangupa.

III. FINDINGS

The all the utterances of Hata Pangupa are selected to be analyzed. After that, the researcher simplified the data by breaking the utterances of Hata Pangupa into clauses. After simplifying the data, the researcher transforms the data by putting the reference systems/chains in order to make the researcher easier to code the word in each clause based on the kinds of taxonomic relation. Here is the analysis of hobar from Suhut:

1. Santabi sampulu sampulu
2. Santabi sampulu
3. Au
4. Hita hiti Rep. converse
5. amang ni dainang na
6. ni
7. au do amang
8. Hu do au
9. Hu ni ni na
10. Na ni ni na
11. Ni do
12. Do au
14. Amang parumaen
15. Na parumaen
16. Amang parumaen ari
17. Munu na na
18. Na

The arrows in the ideation analysis are utilized to show how the participant pertaining to the contain of the speech are taxonomically related to one another. There are various relations that participant can have in regards to one another. Some of these relations include repetition and converse.

Repetition occurs whenever the same lexical item is repeated throughout a text. The following words are repetitions with regards to the speech revealed by suhut: Santabi, Au, di, ni, na munu, amang and parumaen. Converse deals with the couple of a word. From the descriptions above can be concluded the dominant kinds used is repetition.

Below is the analysis of hobar from Mora:

1. Santabi sampulu sampulu sampulu santabi
2. Ni anak dohot mora
3. Raja
5. Na mora
6. Dohot munu ni roha
7. Baen hata hata ni
8. Hamu roha
10. Raja ni
11. Ni

There are various relations that participant can have in regards to one another. Some of these relations include repetition and antonym. The following words are repetitions with regards to the speech parsed by mora: Santabi, sampulu, ni, na, on, anak, baen, hamu and raja. Participant function as antonym: hamu > hami. From the descriptions above can be concluded the dominant kinds used is repetition.
Below is the analysis of hobar from Kahanggi:

There are various relations that participant can have in regards to one another. Some of these relations include repetition and class member. The following words are repetitions with regards to the speech parsed by mora: Santabi, sampulu, kahanggi, hamu, na, ni and marhula. While class member was Dimora and Kahanggi. From the descriptions above can be concluded the dominant kinds used is repetition.

There are various relations taken from the text of Hata Pangupa by suhut, mora and kahanggi are found. They are involved repetition, antonym, converse and class-member. The dominant kinds that found in the each Hata Pangupa text are repetition, class-member and co-class. The repetition is the most dominant than all. It means that each Hata Pangupa is dominantly conveys the identity, quality and the condition of situation of wedding ceremony.

Related to the theory, repetition occurs whenever the same lexical group is instantaneously referenced multiple times within a text [4]. There are many repetitions that were found in each Hata Mangkobarkon Pangupa but, Santabi, sampulu, di, ni, na and hamu. were happened dominantly. And from the three words, ni is the most dominantly than all. So, the Hata Pangupa is supported by the theory. It also talks about the condition of people or ni which conducting the wedding ceremony.

IV. CONCLUSION

The language of custom is different with the language that is used by us in our daily activities which makes the new listener or we can say the young generation cannot understand the meaning. If it seen from the theory of discourse semantics side [3], sets up discourse semantics as a more abstract stratum of meaning, which is organised metafunctionally. Ideational discourse semantic meanings are organised as two systems, they are: ideation and conjunction. Ideation is by and large realised through the patterns of experiential grammar; conjunction is associated with the grammar of logical meanings. Interpersonal discourse semantic systems include appraisal and negotiation. Textual systems are identification and periodicity. Discourse semantic systems of different metafunctions interact with each other to create the texture of discourse. Ideation describe as the means by which experience is construed in a discourse [4]. There are three main ways in which one can track the ways in which experience is construed: taxonomic relations, nuclear relations, and activity sequences.

Text and context are two points of language that cannot be separated one and each other as systems to convey meaning. This is not only talking about the kinds or forms of the text but also the meaning of the text functionally related to a phrase, clause, sentence and also the coding of symbolic system in another or contextually. So, it is to say why a text can be found among the parts of sentence or clause.

Text is not only used in grammatical unit but also in semantic unit. In grammatical unit like a clause or sentence, text is sometimes considered to become super-sentence. It means that it is related to a sentence, a clause, phrase, or a group of word and so on.

Context consists of ‘co’ plus text, co means ‘together with’, ‘accompany’ or anything that goes with or is together with the text [6]. So, in analyzing text and context, there is a structure which sets them together such linguistic and social context, both are joint in one study, that is systemic functional linguistics.

The context of situation determines field (between lexical elements from clause to clause) that is discussed by taxonomic relations, configurations of elements within clause that discuss by nuclear relations, and from process to process in a series of clause that discuss by activity sequence. However, the analysis of the text must be related with its context.

The theory supported the finding. Hata Pangupa in Tapanuli Selatan wedding ceremony is a text that is arranged by the clause or sentences. The utterances are as a text that defined as an actual use of language which is produce for a communicative purpose. The purpose that is produced by the text of Hata Pangupa can be seen by the element that is used on it. It is analyzed by the taxonomic relation’s structures. By analyzing the taxonomic relations, it will be found the context of the Hata where the context determines field (between lexical elements from clause to clause). The reasons of the
using of the element determine the purpose of the text of utterances. The kind of text determined the kinds of element that is used in the text. Different text will contain different meaning, thing that is discussed, purpose.

REFERENCES