

# 07 ASL-2B

by UPNV Jatim

---

## General metrics

<b>5,764</b>	<b>768</b>	<b>54</b>	<b>3 min 4 sec</b>	<b>5 min 54 sec</b>
characters	words	sentences	reading time	speaking time

---

## Score



This text scores better than 49% of all texts checked by Grammarly

## Writing Issues

<b>59</b>	<b>41</b>	<b>18</b>
Issues left	Critical	Advanced

## Plagiarism



3% of your text matches 4 sources on the web or in archives of academic publications

---

## Writing Issues

<b>48</b>	<b>Correctness</b>	
7	Misspelled words	<div style="width: 70%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
3	Comma misuse within clauses	<div style="width: 20%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
1	Closing punctuation	<div style="width: 5%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
1	Unknown words	<div style="width: 5%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
9	Improper formatting	<div style="width: 80%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
8	Determiner use (a/an/the/this, etc.)	<div style="width: 75%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
5	Punctuation in compound/complex sentences	<div style="width: 40%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
1	Incorrect noun number	<div style="width: 5%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
1	Wrong or missing prepositions	<div style="width: 5%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
1	Misuse of semicolons, quotation marks, etc.	<div style="width: 5%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
11	Confused words	<div style="width: 95%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
<b>4</b>	<b>Engagement</b>	
3	Word choice	<div style="width: 25%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
1	Monotonous sentences	<div style="width: 5%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
<b>7</b>	<b>Clarity</b>	
3	Wordy sentences	<div style="width: 20%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
2	Hard-to-read text	<div style="width: 10%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>
2	Passive voice misuse	<div style="width: 10%;"><div style="background-color: #e91e63; height: 10px;"></div><div style="background-color: #cfe2f3; height: 10px;"></div></div>

## Unique Words

**48%**

Measures vocabulary diversity by calculating the percentage of words used only once in your document

unique words

## Rare Words

**27%**

Measures depth of vocabulary by identifying words that are not among the 5,000 most common English words.

rare words

---

## Word Length

**5.6**

Measures average word length

characters per word

---

## Sentence Length

**14.2**

Measures average sentence length

words per sentence

---

# 07 ASL-2B

Adv. Sci. Lett. Vol. 23, No. 12, 2017

1936-6612/2017/23/11635/002

doi:10.1166/asl.2017.10482

11635

Copyright © 2017 American Scientific Publishers All rights reserved

Printed in the United States of America

□Advanced Science Letters

Vol. 23, 11635–11636, 2017

Selected Peer-Reviewed Articles from the First International Joint Conference on Science and Technology (IJCST 2016), Bali, Indonesia, 12–13 October, 2016<sup>1</sup>

The IJCST 2016 is an international scientific conference held in the beautiful island of Bali, Indonesia which was jointly organized by Faculty of Industrial Technology of Universitas Pembangunan Nasional "Veteran" Jawa Timur, Bali State Polytechnic, National Cheng-Kung University, Faculty of Social Science and Law of Universitas Negeri Surabaya, Faculty of Mathematics and Natural Sciences of Universitas Negeri

□

Humanities to Realize Dignified Nation in Global Society." The sub-themes include Intellectual Community Rights, Social Change, Sustainable<sup>2</sup> Development, Cultural Heritage, Media Literacy<sup>3</sup>, Civics Education, Good Electronic Government, Education to Realize Dignified Nation, Role of Humanities Science to Realize<sup>4</sup> Human Welfare, Development of Cross Cultural<sup>5</sup> Communication<sup>6</sup> in Global Society, Sustainable Development for Human

Surabaya, and Faculty of Engineering. Po: f18U2ni.v2e5rs5it.a1s.T1r1unOojnoy: oThu, W17elfMarae,ya2nd01G8re0en4:T1o6u:r3is3m.

Madura.

□ Copyright: American Society of Natural Sciences and Education

The event was a place for international researchers, Dleectluivreerre, d  
byThInegelansttasession discussed "Enhancement and Acceleration"<sup>7</sup>

## A S PECIAL SECTION<sup>8 9</sup>

students<sup>10</sup> and practitioners to meet, greet, share and<sup>11</sup> exchange their valuable ideas in the advancement of science and technology in the area of engineering, mathematics, natural science, education, and social. The IJCST 2016 believed in the view that to solve current and future potential complicated problems require a mul-<sup>12</sup> tidisciplinary<sup>13</sup> approach and a joint effort of people and resources of various backgrounds.

The parallel session was divided<sup>14</sup> into six groups<sup>15</sup> where each group discussed topics in the domain guided by experts invited to lead. The followings are short descriptions of what was discussed<sup>16,17</sup> in each group.

### Engineering

This session discussed the theme "Science and Technology Innovation for Sustainable Development of Globally Competitive and Socio-Environmentally Friendly Industry." Researchers from various backgrounds which are Chemical Engineering, Indus- trial Engineering, Food Technology, Information Technology and Information Systems, Civil Engineering, and Mechanical Engi- neering<sup>18 19 20</sup> exchanged ideas on how to solve problems from their respective backgrounds in order to sustain the industrial devel- opment globally but with less negative<sup>21 22 23</sup> excess.<sup>24</sup>

### Social

The participants in this session came from social discipline and discussed the<sup>25</sup> main theme "Role of Social Sciences, Education,

Journal on Research and Learning in Mathematics, Natural Sciences and Education"  
with sub-themes in Education which include Mathematics, Physics, Chemistry,  
Biology, Science, Computer and Instructional Technologies, and Environment.<sup>26</sup>  
Other sub- themes<sup>27</sup> are Teacher Training, E-Learning, Mathematics, Com- puter<sup>28</sup>  
Science, Applied Mathematics and Statistics, Physics, Chemistry, Biology,  
Geophysics.<sup>29</sup>

Guest Editors

A. P. Bayuseno

Jamari

Universitas Diponegoro, Semarang, Indonesia

Bill Atweh

Curtin University, Australia

Wolfgang W. Schmahl

Ludwig-Maximilians-University of Munich, Germany

Sheng Zhang

University of Twente,<sup>30</sup> The Netherlands

11636

A S P E C I A L S E C T I O N

Adv. Sci. Lett. 23, 11635–11636, 2017

## ABOUT THE GUEST EDITORS

A. P. Bayuseno received a doctorate degree<sup>31</sup> in Mechanical Engineering from Ruhr Universitat Bochum, Germany. He is interested in doing research<sup>32</sup> in the area of Engineering particularly<sup>33</sup> in Ceramic Engineering, Ceramic and<sup>34</sup> Composite. He has published more than 40 papers indexed in Scopus. He is a full professor at Universitas Diponegoro, Semarang, Indonesia and<sup>35</sup> visiting professor at University of Munchen<sup>36 37</sup>, Germany.

Bill Atweh completed his<sup>38</sup> Ph.D. at the University of Wisconsin, USA. He is particularly interested in<sup>39</sup> the socio-cultural aspects of mathematics education. His recent works included some writings and<sup>40 41 42 43 44</sup> research on the Socially Responseable<sup>45</sup> Mathematics Education, a project involving the use of mathematics to increase democratic<sup>46</sup> participation of students.



Wolfgang W. Schmahl is the Director of the mineralogical state collection Munich and professor in Ludwig Maximilian Universitat Munchen, Germany.

61 | His working areas are inorganic and biogenic materials. He has more than 140 papers published in scopus<sup>47</sup> indexed journals.

IP: 182.255.1.11 On: Thu, 17 May 2018 04:16:33

Copyright: American Scientific Publishers Delivered by Ingenta

62 | Jamari is currently working at Universitas Diponegoro, Semarang, Indonesia. He completed his doc-<sup>48</sup>torate degree from University<sup>49</sup> of Twente, Netherland. His research interests are in the area of mechan-<sup>50</sup>ical, material, and structural engineering. He has particularly expert knowledge and skills in the Finite Element Analysis, Solid Mechanics, Structural Analysis, Finite Element Modeling, and Stress Anal-<sup>51 52</sup>ysis<sup>53</sup>. He has written more than 80 scopus indexed papers including<sup>54</sup> those in top journals. He is also currently one of the senior staffs<sup>55 56</sup> in University<sup>57</sup> of Twente.

63

Sheng Zhang is Ph.D.<sup>58</sup> researcher at the University of Twente, Netherland. His research interests are in the area of:<sup>59</sup> Multi-asperity contact behavior between human skin and micro-textured surfaces; Surface texture design for tactility enhancement; Steel sheet texture for functionality.

1.	<del>October,</del>	Comma Misuse within Clauses	Correctness
2.	<del>Suistanable</del> → Sustainable	Misspelled Words	Correctness
3.	<del>Lit eracy</del> → Literacy	Confused Words	Correctness
4.	<del>Real ize</del> → Realize	Confused Words	Correctness
5.	<del>Cross Cultural</del> → Cross-Cultural	Misspelled Words	Correctness
6.	<del>Communi cation</del> → Communication	Confused Words	Correctness
7.	Acceleration.	Closing Punctuation	Correctness
8.	<del>A S</del> → An S	Determiner Use (a/an/the/this, etc.)	Correctness
9.	<del>S PECIAL</del> → SPECIAL	Confused Words	Correctness
10.	<del>students</del> → Students	Improper Formatting	Correctness
11.	, and	Punctuation in Compound/Complex Sentences	Correctness
12.	<i>mul</i>	Unknown Words	Correctness
13.	<del>tidisciplinary</del> → disciplinary, ti disciplinary	Misspelled Words	Correctness
14.	<i>was divided</i>	Passive Voice Misuse	Clarity
15.	groups,	Punctuation in Compound/Complex Sentences	Correctness
16.	<i>was discussed</i>	Passive Voice Misuse	Clarity
17.	<del>discussed</del> → considered	Word Choice	Engagement
18.	<del>Indus trial</del> → Industrial	Confused Words	Correctness
19.	, and	Comma Misuse within Clauses	Correctness

20.	<del>Engi-neering</del> → Engineering	Confused Words	Correctness
21.	<del>in order to</del> → to	Wordy Sentences	Clarity
22.	<del>develOpment</del> → development	Confused Words	Correctness
23.	<del>negative</del> → harmful	Word Choice	Engagement
24.	<i>Researchers from various backgrounds which are Chemical Engineering, Indus- trial Engineering, Food Technology, Information Technology and Information Systems, Civil Engineering, and Mechanical Engi- neering exchanged ideas on how to solve problems from their respective backgrounds in order to sust...</i>	Hard-to-read text	Clarity
25.	<del>main</del> → central	Word Choice	Engagement
26.	<i>The participants in this session came from social discipline and discussed the main theme "Role of Social Sciences, Education, [on Research and Learning in Mathematics, Natural Sciences and Education" with sub-themes in Education which include Mathematics, Physics, Chemistry, Biology, Science, Co...</i>	Hard-to-read text	Clarity
27.	<del>Other sub</del> → Another sub, Other subs	Determiner Use (a/an/the/this, etc.)	Correctness
28.	<del>sub-themes</del> → sub-themes	Misspelled Words	Correctness
29.	<del>Com-puter</del> → Computer	Confused Words	Correctness
30.	The University	Determiner Use (a/an/the/this, etc.)	Correctness
31.	<del>degree</del>	Wordy Sentences	Clarity

32.	<del>doing research in</del> → researching	Wordy Sentences	Clarity
33.	, particularly	Comma Misuse within Clauses	Correctness
34.	, and	Punctuation in Compound/Complex Sentences	Correctness
35.	, and	Punctuation in Compound/Complex Sentences	Correctness
36.	the University	Determiner Use (a/an/the/this, etc.)	Correctness
37.	<del>University of</del> → University of	Improper Formatting	Correctness
38.	<del>completed his</del> → completed his	Improper Formatting	Correctness
39.	<del>interested in</del> → interested in	Improper Formatting	Correctness
40.	<del>recent works</del> → recent works	Improper Formatting	Correctness
41.	<del>works included</del> → works included	Improper Formatting	Correctness
42.	<del>included some</del> → included some	Improper Formatting	Correctness
43.	<del>some writings</del> → some writings	Improper Formatting	Correctness
44.	<del>writings and</del> → writings and	Improper Formatting	Correctness
45.	<del>Responseable</del> → Responsible	Misspelled Words	Correctness
46.	the democratic	Determiner Use (a/an/the/this, etc.)	Correctness
47.	<del>scopus</del> → Scopus	Misspelled Words	Correctness
48.	<del>doc torate</del> → doctorate	Confused Words	Correctness
49.	the University	Determiner Use (a/an/the/this, etc.)	Correctness
50.	<del>mechan ical</del> → mechanical	Confused Words	Correctness

51.	<del>Analysis</del> → Analysis	Confused Words	Correctness
52.	<i>Jamari is currently working at Universitas Diponegoro, Semarang, Indonesia. He completed his doctorate degree from University of Twente, Netherland. His research interests are in the area of mechanical, material, and structural engineering. He has particularly expert knowledge and skills in the...</i>	Monotonous Sentences	Engagement
53.	<del>scopus</del> → Scopus	Misspelled Words	Correctness
54.	, including	Punctuation in Compound/Complex Sentences	Correctness
55.	<del>staffs</del> → staff	Incorrect Noun Number	Correctness
56.	<del>in</del> → at	Wrong or Missing Prepositions	Correctness
57.	the University	Determiner Use (a/an/the/this, etc.)	Correctness
58.	a Ph.D.	Determiner Use (a/an/the/this, etc.)	Correctness
59.	of:	Misuse of Semicolons, Quotation Marks, etc.	Correctness
60.	<i>He has published more than 40 papers indexed</i>	Anti-windup scheme of the electronic load sensing pump via ... <a href="https://www.sciencedirect.com/science/article/abs/pii/S0957415819300650">https://www.sciencedirect.com/science/article/abs/pii/S0957415819300650</a>	Originality
61.	<i>He has more than 140 papers published in</i>	Sustainable and Nonconventional Construction Materials ... <a href="https://www.elsevier.com/books/sustainable-and-nonconventional-construction-materials-using-inorganic-bonded-fiber-composites/savastano-junior/978-0-08-102001-2">https://www.elsevier.com/books/sustainable-and-nonconventional-construction-materials-using-inorganic-bonded-fiber-composites/savastano-junior/978-0-08-102001-2</a>	Originality

- 
- |       |   |   |             |
|-------|---|---|-------------|
| 62.   | <i>His research interests are in the area of</i>  | Brian Ahmedani, PHD   Henry Ford Health System - Detroit, MI<br><a href="https://www.henryford.com/physician-directory/a/ahmedani-brian">https://www.henryford.com/physician-directory/a/ahmedani-brian</a> | Originality |
| <hr/> |   |   |             |
| 63.   | <i>His research interests are in the area of:</i> | Brian Ahmedani, PHD   Henry Ford Health System - Detroit, MI<br><a href="https://www.henryford.com/physician-directory/a/ahmedani-brian">https://www.henryford.com/physician-directory/a/ahmedani-brian</a> | Originality |