

Deep learning \& big data for sustainable development, clean \& efficient energy: opportunities, challenges \& future prospects

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ABSTRACT (The word length is not more than 250 words, Times New Roman 9)

Background:
Thanks to the vast expansion and reach of social networks, individuals can exchange information in real time: Company data or data such as emails, documents, databases, history of business processors, age and contact details, reviews, comments, photos, images, videos, audios, texts, famous cookies, etc. Active participation in content or e-commerce that is disclosed on the web or exchanged in social networks is very important. Retrieving this data from various sources can be a daunting task. A timely and accurate assessment of the event under discussion is essential to the effectiveness of the method used. This information collected on the web can be updated later. Various methods are being developed to automate this need by extracting and analyzing relevant social media content. Hybrid approaches are currently being used to improve, along with new deep learning techniques, in virtually all hot fields. Mitigation measures do not adequately cover these measures. It may be necessary to make discover, to researchers and new comers, new advances, notably in the fields of energy efficiency and clean production.

Aims:
Methods:
Result:
Conclusion:

ARTICLE HISTORY
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KEYWORD
Pedagogy; Media Tecnology;
Technology.

Introduction

Background of the study:
Rationale of the study:
Literature review:
Gap analysis:
Purpose or Hypotheses of the study:

Method

Research Design :
Participant :
Instrument :
Data Analysis plan :

Results and Discussion

Results :
Discussion :
Implications :
Limitations :

Suggestions :

Conclusion

Provide a statement that what is expected, as stated in the "Introduction" chapter can ultimately result in "Results and Discussion" chapter, so there is compatibility. Moreover, it can also be added the prospect of the development of research results and application prospects of further studies into the next (based on result and discussion).

Aknowledgment (If Any)

The acknowledgement is a form of appreciation for the contribution of an institution or an individual who is not considered as the writer for example an institution or an individual who provides the research funding of this publication.

Author Contributions Statement

The Author Contributions Statement can be up to several sentences long and should briefly describe the tasks of individual authors. The Author Contributions Statement should be included at the end of the manuscript before the References.

References

The followings are the references writing guidelines of Online Learning in Educational Research. The references should be written in justify alignment and alphabetically. We suggest you use Mendeley management reference with APA 7 style for your references. The guideline for example below:

Journal Article:

Diani, R., Yuberti, & Syarlisjswan, M. R. (2018). Web-enhanced course based on problem-based learning (PBL): Development of interactive learning media for basic physics II. *Jurnal Ilmiah Pendidikan Fisika Al-BiRuNi*, 7(1), 105–116.

Book:

Sugiyono. (2011). *Metodologi penelitian pendidikan*. Alfabeta.

Articles Compilation book (edited book):

Prasad, A. S. *Clinical and biochemical spectrum of zinc deficiency in human subjects*, In: A. S. Prasad, Ed., *Clinical, biochemical and nutritional aspects of trace elements*, Alan R. Liss, Inc., New York, 1982, pp. 5-15.

Seminar Proceeding:

Saregar, A. (2016). Efektifitas pembelajaran fisika dengan model learning cycle dan model contextual teaching learning (CTL) terhadap hasil belajar siswa kelas XI di SMA Negeri 1 Karya Pinggawa Krui Pesisir Barat. *Mathematic, Science, and Education National Conference (MSENC)* (pp. 49-54). FTK UIN Raden Intan Lampung.

Published Undergraduate Thesis / Dissertation / Thesis

Wahyuni, S. Y. 2009. *Pengembangan uji kompetensi mandiri berbasis computer: Meningkatkan efikasi diri siswa* (Doctoral dissertatation). University Name

Unpublished Undergraduate Thesis / Dissertation / Thesis

Kuntoro, T. H. 2007. *Pengembangan kurikulum pelatihan magang di SMK: Suatu studi berdasarkan dunia usaha* (Unpublished Doctoral dissert/ Unpublished master's thesisation/). Program Pasca Sarjana UNNES, Semarang.

Internet Sources:

Honeycutt, L. (2011, Maret). *Communication and design course*. Retrieved from <http://dcr.rpi.edu/commdesign/class1.html>.

Regulation

Depdikbud. 2013. *Permendikbud nomor 66 tahun 2013 tentang standar penilaian*. Jakarta: Departemen Pendidikan dan Kebudayaan.

Table 1. The sample of table format (Center, Cambria, 11)

No	Description	Explanation
1	Description 1	Explanation
2	Description 2	Explanation
3	Description 3	Explanation
4	Description 4	Explanation
5	Description 5	Explanation

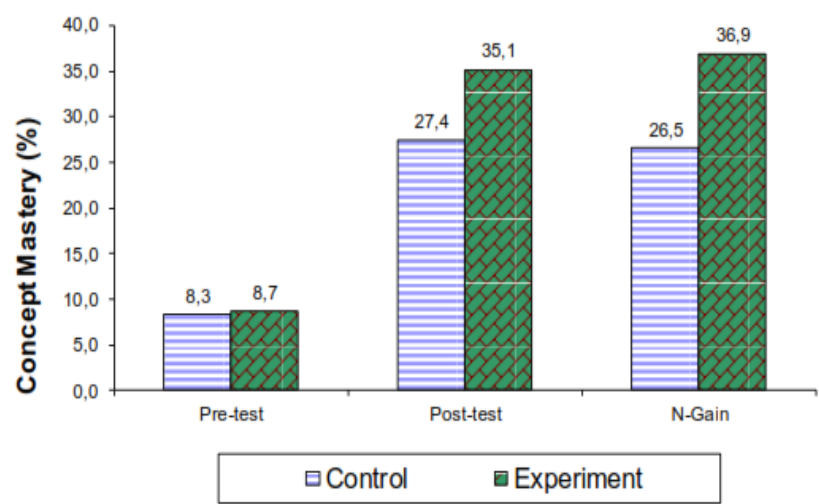


Figure 1. The example of an image of the spectrum absorption coefficients of organic semiconductor materials