Paper Title: (Maximum Twenty Five Words, First Letter of Each Word Should be Capitalized)

Author details: To be provided in the cover letter only

**Data availability statement (if any):**To be provided in the cover letter only

**Competing interests (if any):** To be provided in the cover letter only

**Funding (if any):** To be provided in the cover letter only

**Ethics declaration (if any):** To be provided in the cover letter only

**Acknowledgement (if any):** To be provided in the cover letter only

**Use of artificial intelligence (if any):** To be provided in the cover letter only

**Background:** The phenomenon, survey, reviews the origin of the problem. The abstract should give readers concise and correct information about the material of the article in given headings.

**Purpose:** Explain the purpose to carry out this analysis

**Methods:** The framework of the calculations/observations

**Results:** Prediction/analysis or comparisons short idea with the existed theories or experimental results

**Conclusions:** In the context of new results its significance. The abstract should include at the max. 300 words.

ARTICLE INFORMATION ABSTRACT

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1. Introduction (section 1)

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* 1. *Citation in Text (subsection, italic)*

Advancement in technology has opened, the door in education, not only in terms of learning by simulations, animation and through (Agrawal, Agarwal, Saraswat, Awasthi, & Saraswat, 2014) virtual labs but has also advanced the mode of content delivery through digital pen using different software and hardware,(Bamrara, 2018) like classroom presenter 3, lesson pad with graphics tablet, PhET Simulations, etc (Chindhe & Kiwne, 2017). The traditional black/white board with chalk/marker has been change in digital instruments (Chowdhry & Osowska, 2017).

In present time, the teacher doesn’t need to give an analogy of a physical concept to the students, (Dev, 2016) to make concept clearly of 2D or 3D pictures in the classroom. Now, technology uses has made possible (Bamrara, 2018; Chindhe & Kiwne, 2017; Chiozzi, Pasquale, & Verdoya, 2002; Chowdhry & Osowska, 2017), to provide representations of the physical concepts in its true form (Kumar, Panda, & Pradhan, 2017). Also, many of the academic institutions pace is not as fast as expected by industry or industrial technology expect (Phillips & Hwang, 2016). There is a big gap of demand and expectations between the industry and the academic institutions for technology(Rajor & Bhalla, 2016). On the other hand one can say this is a reflection of weakly designed curriculum of the academic institution (s) too (Grewal, Sharma, Singh, & Arora, 2017).

1. Results

The results should focus more on the findings of the study with figures & table inserted within the text in order of their explanation in the section

1. Discussion

The discussion should be precise and should avoid text already given in the results section. The text in the section should be supported by citations of previous literature supporting the findings of the study.

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Full: 10pt Subscript/Superscript: 8pt Sub-Subscript/Superscript: 6pt

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Table 3. The calculated alpha decay half-lives compared with experimental results and other theoretical model, containing footnoteb. Use 10 points Times new Roman for table caption and footnotes (below the table).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parent** | **Qcase** | **Log10T1/2** | **Experiments** | **Model 2** |
|  | **case(MeV)** |  | **Log10T1/2** | **Log10T1/2** |
| 277110b | Cal. 10.696 | 0.406 | 0.298 | -4.13 |
| 273108 | Cal. 9.426 | 3.121 | 2.581 | -1.36 |
| 269106 | Cal. 7.726 | 7.939 | 3.828 | 3.59 |

 a Notes are referenced using alphabetic superscripts

 b This chain needs a further careful experiment invest investigation

**Abbreviations**

If abbreviations are used in the text they should be defined in the text at first instance, and a list of abbreviations should be provided after the content of the manuscript and before acknowledgement section.

Example:

**Future perspective**

Lipid nanoparticle studies have demonstrated substantial potential, yet there are a few challenges to overcome before claiming clinical success. Despite extensive exploration into fabrication, modification, storage, and toxicity, challenges remain, particularly to scale up the production to ensure long-term stability and toxicity concerns. Solid lipid nanocarriers (SLNs) and nano-structure lipid carriers (NLCs) are the most effective lipid nanoparticles, that have undergone successful clinical trials conducted in the past five years and over 2000 patents filed globally. Lipid nanotechnology holds great promise in the fields of biomedical science, vaccine development, biomimetics, and therapeutics, particularly in managing chronic inflammatory diseases. Future research aims to develop new lipid nanocarriers for targeted drug delivery, reducing inflammation and improving therapeutic outcomes. These efforts have to be focused on enhancing biocompatibility, optimizing formulations, and exploring novel applications to tackle the complexities of inflammatory disorders effectively.

**Abbreviations**

SLN: Solid lipid nanocarriers; NLC: nano-structure lipid carriers

**Acknowledgement**

I would like to express my gratitude to Birla Institute of Technology, Mesra, Ranchi, for the continuous support in writing the review article.

References

Reference and citation are in **American Psychological Association (APA) 6th edition**. The refer-ences in the text should be cited in terms of name and date in brackets into the form (Fishburn, 2008). If the authors are six or more than six then please use “et al.” in italic after the name of the first author. For an example, ‘P. P. Kumar et al.’(Bamrara et al.,2014). The way of writing a partic-ular reference depends on from where you are taking and listed it. Mainly, reference is taken from the printed journal (Bamrara, 2018) without DOI printed jounal (Kumar & Kumar, 2013). with DOI to a book (Fishburn, 2008).

Examples of citations for different materials: APA

Agrawal, H., Agarwal, S., Saraswat, Y. K., Awasthi, K., & Saraswat, V. K. (2014). Synthesis and Crystallization Studies of Thermo-plastic Polyster/Titania Nanocomposites. *Journal of Nuclear Physics, Material Sciences, Radiation and Applications*, 1(2), 207–211. https://doi.org/10.15415/jnp.2014.12017

Bamrara, A. (2018). Applying Addie Model To Evaluate Faculty Development Program. *Issues and Ideas in Education*, 6(1), 11–28.

Chindhe, A. D., & Kiwne, S. B. (2017). Application of Sumudo Transform and Homotopy Perturbation Method to Solve Nonlinear Differential Equations. *Mathematical Journal of Interdisciplinary Sciences*, 6(1), 1–9. https://doi.org/10.15415/mjis.2017.

Chiozzi, P., Pasquale, V., & Verdoya, M. (2002). Naturally occurring radioactivity at the Alps–Apennines transition. *Radiation Measurements*, 35(2), 147–154. https://doi.org/10.1016/S1350-4487(01)00288-8

Chowdhry, S., & Osowska, R. (2017). In search of intellectual stimulation: understanding the relationship between motivation, deep learning and simulation in the HE classroom. *Journal of Today’s Ideas - Tomorrow’s Technologies*, 5(1), 1–20. https://doi.org/10.15415/jotitt.2017.51001

Dev, A. (2016). Modernity : A Way of Urbanism -- Banaras in Indigenous Trans-Formations. *Creative Space*, 4(1), 1–28. https://doi.org/10.15415/cs.2016.41001

Grewal, A. S., Sharma, N., Singh, S., & Arora, S. (2017). Molecular Docking Evaluation of Some Natural Phenolic Compounds as Aldose Reductase Inhibitors for Diabetic Complications. *Journal of Pharmaceutical Technology, Research and Management*, (2), 135–148. https://doi.org/10.15415/jptrm.2017.52009

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| **Material Type** | **Reference List/Bibliography** |
| **A book in print** | Fishburn, M.(2008). Burning Books. Palgrave Macmillan UK. |
| **A book chapter, print version** | Kaijun, C.(2018). EurAsian Matters. In. Grasskamp, A., & Juneja, M. (Eds.),*Transcultural Lenses: Wrapping the Foreignness for Sale in the History of Lense* (pp. 77-98). Springer International Publishing |
| **An eBook** | Robert, T.,(2007).*Strategic Supply Management*. Retrieved from https://www.kobo.com/in/en/ebook/strategic-supply-management |
| **An article in a print journal** | Bamrara ,A.(2018). Applying Addie Model To Evaluate Faculty Development Program. *Issues Ideas Educ.6*,11-28.  |
| **An article in a journal without DOI** | Kumar, K. & Kumar, G. (2013). Impact of A Remedial Strategy on Trigonometrical Error Patterns- A Case Study. *Issues Ideas Educ.1* (2),145-150.  |
| **An article in a journal with DOI** | Bamrara ,A.(2018). Applying Addie Model To Evaluate Faculty Devel-opment Program. *Issues Ideas Educ.6*,11-28. https://doi.org/10.15415/iie.2018.61001 |
| **Websites - professional or personal sites** | Kumar, S. (2018, March 31).World Digital Farming Technology: Contractual Vs Owner Race of Digital Fields. Retrieved August 04, 2018, from http://www.apniphysics.com/category/self-help/ |
| **Websites - online government publications** | The Publications Division, Ministry of Information and Broadcasting, Govt of India.(2015). Legends of Indian Silver Screen. Retrieved from https://bharatkosh.gov.in/2/37/pd/legends-of%20indian%20silver%20screen%20(del) |
| **Emails (cited in-text only)** | According to physicist Kumar, S. (personal communication, August 4, 2018). |
| **Mailing Lists (listserv)** | Kumar, S. (2018, Aug 4). Industrial Cyber-Physical Systems. Retrieved from  https://listserv.ieee.org/cgi-bin/wa?A0=ICPS |
| **Radio and TV episodes - from library databases** | Tom, L., Bazi, K. (2015) Pennsylvania / Mall Shooting #1078755. ABC Evening News for Sunday, Monroeville: Bazi Kanani, The Vanderbilt Television News Archive. |
| **Radio and TV episodes - from website** | Kohler, J. (2018, August 3) on the Role of Women in Campaign [Video Series,Washington Journal]. In C-SPAN | Washington Journal, Retrieved from https://www.c-span.org |
| **Film Clips from website** | Shango. [Video] Retrieved from the Library of Congress, https://www.loc.gov/item/ihas.200003834/. |
| **Film** | McQuarrie, C. (Director). (2015) *Mission: Impossible - Rogue Nation*, Paramount (2015) |
| **Photograph (from book, magazine or webpage)** | Delano, J. (photographer) (1940). *Soapbox auto race at July 4th celebration*, at Salisbury, Maryland. Library of Congress Prints and Photographs Division Washington, DC 20540 USA http://hdl.loc.gov/loc.pnp/pp.print |
| **Artwork - from library database** | Clark, L. (c.a. 1960's). *Man with Baby.* [photograph]. George Eastman House, Rochester, NY. Retrieved from ARTstor |
| **Artwork - from website** | Delano, J. (photographer) (1940). *Soapbox auto race at July 4th celebration*, at Salisbury, Maryland. Library of Congress Prints and Photographs Division Washington, DC 20540 USA http://hdl.loc.gov/loc.pnp/pp.printFSA/OWI Collection, [reproduction number, e.g., LC-USF34-9058-C] |
| **Conference proceedings** | Juneja,S.(2017) Ed.,  5th International Conference on Wireless Networks and Embedded Systems (WECON): CFP16G26-ART, 5th International Conference on Wireless Networks and Embedded Systems, Oct 14-16,2016, IEEE**.** |
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