

Extended Abstract Template for the Final Preparation of the Paper (Times New Roman, Font 14) †

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(Manuscript Received 000 0, 2022; Revised 000 0, 2022; Accepted 000 0, 2022) -please leave blank

Abstract

Abstract must be written in Times New Roman, font 9 in a single paragraph. This document should be emailed to the concerned email address before the end of the submission deadline (at 23:59:59 of the date mentioned on the website). The extended abstract must be written in English and have a maximum length of 2 pages in A4 ISO format (29.7 cm x 21 cm). Title of the presentation should be written centred, in 11pt boldface Times New Roman, all in capital letters. Author's name should include the unabbreviated first name, middle initial (if desired) and surname, and be written centred, in 11pt Times New Roman. Affiliation(s) should be written. Abstract word count could be maximum of 300 words.

Keywords: At least four keywords; in alphabetic order; Separated by semicolon; Design of experiments (Times New Roman, font 8, upper case at the beginning of each keyword)

1. Introduction

This document is a template for Microsoft Word. If you are reading a paper version of this document, please download an electronic file from the journal website, www.rstti2022@ioepas.edu.np, so you can use it to prepare your manuscript. **Maximum length of the paper is 2-3 pages. Please do not use other templates.**

The author(s) is requested to prepare the final two-column camera-ready version; the author(s) must follow these instructions strictly in order to maintain the high standard of the conference paper.

The paper is divided into two parts. The first part includes the title, author's name and affiliation along with email, abstract, and keywords.

The second part is the main body of the paper which includes **introduction, methodology, result and discussion, conclusion and finally references**. The main text must be written in Times New Roman, font 9.5, and line spacing of 12 points (single spacing). The font size, line spacing, and margin of the template must not be altered.

References should be listed at the end of the paper and arranged in order. References should be cited in the main text by numerals in a square bracket [1-3].

2. Section (Times New Roman, Font 10, Bold)

2.1 Subsection (Times New Roman, 9.5, Italic, Bold)

The second part of the paper body must be edited in double column format. Figures and tables should be located at the top or bottom of either column.

Clear original figures in black and white should be used. Equations should be numbered consecutively throughout the paper and located at the right margin as in Eq. (1) below.

Figures and tables should be placed at the top or at the bottom of each column as in Figure. 1 and Table 1.

2.2 Methodology

Second section can be added as per required within the paper page limit as per your research works. Methodology, result and discussion can be written on different section. The expected papers are as shown in figure below:

Table 1. Conference Paper expectation

Engineering	100
Natural Science	200
Nursing	300
Forestry	400
Health Science	200

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E-mail address: please_fill_in@email.com

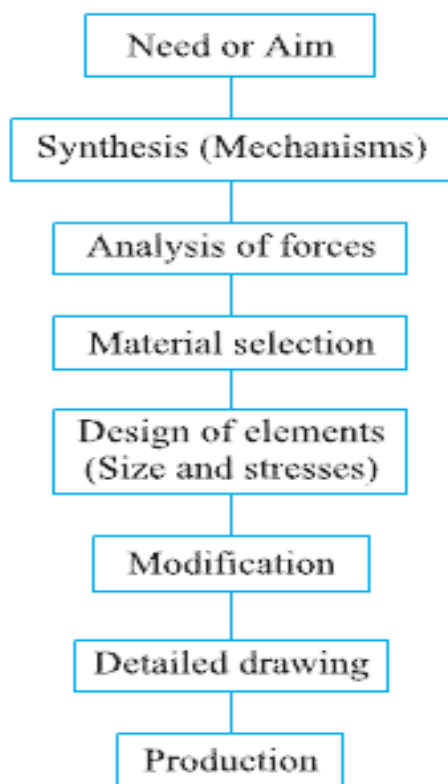


Figure 1 Flow chart for the design.

For instance, Eq. (1) is used to calculate a response surface as follows:

$$y = \beta_0 + \sum_{i=1}^{n_d} \beta_i x_i + \sum_{i=1}^{n_d} \sum_{j \geq i}^{n_d} \beta_{ij} x_i x_j \quad (1)$$

$$\beta = (\mathbf{X}^T \mathbf{X})^{-1} \mathbf{X}^T \mathbf{Y} \quad (2)$$

where x_i denotes the design variables, n_d is the number of design variables, β_i is the unknown coefficient, and \mathbf{X} denotes the design matrix comprising experimental points. **The settings of the font size to prepare the equations are:**

**Main equation: 9.5 pt (Times New Roman),
 Subscript/superscript: 6 pt (Times New Roman),
 Sub-subscript: 5 pt (Times New Roman),
 Symbol: 18 point,
 Sub-symbol: 12 point.**

2.3 Reference

References (in font 9) should appear in a separate bibliography at the end of the paper, with items referred to by numerals in square brackets. All journal articles must include volume, number, and pages. The journal title, conference title, and book title must be in *italic*.

3. Results and Discussion

This conference has been organized to share research findings nationally. We are optimistic that we could incorporate the entire academic and research institution along with industries to make it more fruitful and effective.

Institute of engineering, institute of forestry, institute of medicine, Prithivi Naryan Campus of Tribhuvan University, Pokhara University, Gandaki University and Gandaki Province Academy of Science and Technology (GPAST) will make this conference an iconic conference in the field of science, technology and innovation. It would be held yearly in coming future.

4. Conclusions

Clarity of all figures is extremely important. If the final version is not prepared in two column format, the publication process will be delayed. **Plagiarism would be strictly checked and scientific paper writing ethics are expected to be followed.** The manuscript received, revised and accepted dates will be checked and corrected by the technical committee of the conference.

Acknowledgment

This work supported by Research Program supported by the Department of Education and Technology (program name), Country Name.

References

- [1] Menuka. K, and Durga. B, Nonlinear robust control of a hydraulic system, *Journal of Pashchimanchal Campus*, 13 (6) (2022) 789-803.
- [2] Krishna R. A and Binod Pd H, Effect of national conference in Pokhara, *Proc. of Trends in Scientific Program*, Gandaki Pradesh, Nepal (2022) 479-385.