

## CALL FOR PAPERS

Journal of Science and Engineering, published by Khwopa Engineering College & Khwopa College of Engineering, will be a regular forum for all academics and practitioners in the relevant field. The publication is a refereed journal and requests articles from following three categories:

1. Research papers: Papers which precisely identify the problem and use original data/methodology and derive independent conclusion.
2. Expository articles: Papers which discuss problems and ideas in a discursive and elaborate manner in consistent logical sequence, and not necessarily present original data.
3. Reports: Papers which give detail account of events of sufficient importance utilizing existing data information.

Research papers will be evaluated by referees while expository articles and reports will be discussed in the editorial board and will be sent to a referee of the relevant field if the editorial board deems it necessary. For details in the Manuscript preparation, please see the attached document "**Journal of Science and Engineering—Instruction to the Authors**"

We encourage and request all academics and practitioners in the field of science and engineering to send their valuable works and participate in this forum.

### Corresponding Address:

Chief Editor  
Journal of Science and Engineering  
Research and Development Committee  
Khwopa Engineering College  
Khwopa College of Engineering  
P. O. Box: 84 Libali, Bhaktapur  
Email: [khec@wlink.com.np](mailto:khec@wlink.com.np)  
Ph: 977-1-5122098  
Fax: 977-1-5122202

# Journal of Science and Engineering

## Instruction to the authors

### **AIM & SCOPE**

The Journal of Science and Engineering (JScE) is a refereed journal to serve the interests of Professionals, academics and research organizations working in the field of science and engineering. Publication of journals recording the achievements and problems in the scientific and engineering development works in the context of Nepal is yet to go long way for an established tradition. Developments in the context of other international regions are part of our knowledge, but the regional experience of Nepal and border regions with such a diversity of nature and culture is of immediate relevance. This journal is dedicated towards this direction and welcomes research works coming from all international contexts, while keeping special attention to the development experiences of Nepal.

The scope of the journal incorporates natural sciences and all disciplines of engineering. The papers in the journal will be in English or in Nepali.

### **INSTRUCTION TO AUTHORS**

The submission deadline is Aug 2017 for the fifth issue.

Authors should submit three copies of their papers to the address given below. In the cover letter please specify the broad field to which the paper belongs: (1) Natural Sciences (3) Electronics and Communication Engineering (4) Computer Engineering (5) Civil Engineering (6) Architecture

### **Corresponding address:**

Chief Editor, JScE Publication, Research and Development,  
Khwopa Engineering College & Khwopa College of Engineering, Libali, P Box: 84, Bhaktapur, Nepal  
Tel: 977-1-5122098, Fax: 977-1-5122202  
Email: [khec@wlink.com.np](mailto:khec@wlink.com.np)

### **Acceptance Criteria**

The journal accepts and publishes the academic papers that meet the following criteria:

- 1) The paper contains hitherto unpublished original material of sufficient value and interest to the practitioners and researchers of the relevant field.
- 2) The paper is concise with clear account of the research work.
- 3) The paper includes detail of the work and reference to source of information sufficient to permit the reader to reproduce the work or verify the accuracy of the information given in the paper.

### **Preparation of Manuscript**

The manuscript will follow the format described below in Manuscript Format Guidelines.

The manuscript should have a short and succinct title, a concise abstract with keywords.

The main body of the text will have a good introduction of the paper at the beginning. Simple language, short sentences and good use of section headings help to communicate information more effectively. Figures are important in aiding the clarity of the paper.

### **Referencing Procedure**

The Chief Editor assigns the manuscript to one of the Field Editors. When judging it qualified for refereeing process, the Field Editor identifies one referee who is an acknowledged expert in the concerned subject matter. JScE will use a double blind referee process. The referee name will remain anonymous, while the

authors' name will remain anonymous to the referee. The Field Editor will then report referee's evaluation to the Chief Editor which will be taken in the Editorial Board. Only the papers that receive favorable evaluation from the referee will be accepted for publication. To safeguard the authors' work, the editorial board and referees will keep all information contained in the manuscript confidential until it is published.

### **Copyright**

JScE reserves the copyright for the published papers. Authors will have the right to use content of the published paper in part or in full for their own work. Authors who use previously published data and illustrations must acknowledge the source in the figure captions.

### **Manuscript Format Guidelines**

**Type area:** The manuscript should be printed in A4 size paper with 25 mm margin on top and bottom and 20 mm on right and left.

**Script:** The manuscript must use Times Roman of 10.5 font size in English and 10.5 fonts in Nepali. Adjust line spacing to accommodate 50 lines in the page. Hand written manuscripts will not be accepted. Number all pages starting with the title page.

**Length:** Papers should not exceed 8 page length including figures, tables, endnotes and references.

**Title Page:** The first page must contain the title of the paper, author full name (s), affiliation (s), position (s) and contact author's name, position, affiliation and mailing address, phone and fax numbers and email address.

**Authors are encouraged to refer the JScE manuscript template for manuscript preparation which is available at JScE homepage—INSTRUCTION TO AUTHORS**

**Abstract and Keywords:** An abstract and keywords should be included in the title page. The abstract should not exceed 200 words and must précis the paper giving clear conclusions. Keywords of up to five words must be carefully selected to facilitate reader's search.

**Major Sections and Headings:** The paper should include the following major sections in addition to the main body of the text:

- **Introduction:** Describe the motivation and purpose of the research
  - **Methodology:** Provide sufficient information to allow readers to repeat the work
  - **Conclusions:** State conclusions precisely without elaboration.
  - **Acknowledgements:** Recognize any advisory and financial help, and major assisting works in the paper.
- The section headings will indicate hierarchy levels such as 2, 2.1, 2.1.1. Hierarchy of more than three is not preferred.

**References:** References in the text should be quoted in the following manner: Gurung (1985) or (Majpuria and Shrestha, 1994), or if there are more than two authors, (Pokharel et al., 2002). All the references should be listed at the end of the paper in alphabetical order by the first author's surname. The style should follow the example below:

Darnal, P., 2008. Reconnaissance of Caves in Upper Lo Mustang. *Ancient Nepal*, No. 166, pp 1-31.

**Endnotes:** A limited number of explanatory notes are permissible. These should be numbered 1, 2, 3 consecutively in the text and denote by superscripts. Endnotes should be listed at the end of the paper with numbers linked to those in the text.

**Measurements:** International system of units (SI) should be used. If other units are used, equivalents should be given in parenthesis.

**Tables:** Insert tables in the text and number them consecutively in Arabic numerals, eg., Table 1, Table 2.

**Figures:** Insert the figures in the text and arrange them consecutively in Arabic numerals, eg., Fig 1, Fig 2. Original figures should be included in the final submission. Make sure all type face in the figure is legible when reduced to the size for publication.

#### **SUBMISSION OF ACCEPTED MANUSCRIPT**

For final publication, the contact author should submit the JScE publication department package containing following material.

- 1) An electronic copy of final manuscript. The preferred format is Ms Word.
- 2) The photographs should be of good resolution and at least two times the size of the final publication
- 3) A hard copy of the final manuscript on A4-size paper. The copy should match with the electronic version above.

#### **Proofs**

Proofs will be sent to contact author for correction. This should be checked and returned as soon as possible. No alteration in the content to the original text is accepted.

**Our aim is rapid publication. The authors are requested to follow the above instructions to expedite the journal publication process.**