

SSAHE Journal of Interdisciplinary Research
Instructions to the Authors

It is requested to use the template attached at the end of this instruction to prepare the article for submission to SSAHE - Journal of Interdisciplinary Research.

1. Aims and Scope

SSAHE Journal of Interdisciplinary Research (SSAHE-Journal of Interdisciplinary Research) publishes research results dealing with all aspects of Engineering and Technology, Science, Dental, Medical and related domains. Journal of Interdisciplinary Research is in English language and includes reviews and research articles.

2. Submission of Manuscripts

Manuscript should be prepared in MS Word format or Latex and must be converted into a single file (preferably within 10 to 12 pages) before submission and need to be submitted via email to: jir@sahe.in

3. Manuscript Preparation

Formatting/Style

A4 paper format, the printing area is 17.5 cm x 26.2 cm (Single Column). The margins should be 1.75 cm on each side of the paper (All four sides). The paper style of SSAHE - Journal of Interdisciplinary Research should be followed with respect to the kind size and type of font (Times New Roman, 12 fonts). Send files with docx extension only.

Authors List and Affiliation Format

The Authors' full first and last names must be provided. A corresponding author must be designated. The complete address including city, code, state, country, and email ID should be included.

Abstract and Keywords

The abstract should be prepared as a paragraph (100 to 250 words). A list of four to eight keywords must be given, and placed after the Abstract.

Figures, Schemes and Tables

Authors are encouraged to prepare figures, schemes and tables in color. Figure, schemes and tables must be numbered (Figure-1, Scheme-1,

Table-1, etc.) and an explanatory title must be added. All table columns should have an explanatory heading. Provide legend for all equations, figures, schemes and tables. The legends should be prepared as a separate paragraph of the main text and placed in the main text after the conclusion.

It is to be ensured that equations are written clearly and legibly with proper editors. Figures and tables, included are to be with proper indentation. Supply all figures as separate graphics files (in addition to the figures being embedded in text). Images in the TIFF and JPEG formats are accepted. Tables should be prepared in MS Word (Scanned images of tables are not allowed).

Reference Preparation

Ensure that every reference cited in the text, also exists in the reference list (and vice versa). In the text, refer to the author's name (without initials) and year of publication. For one or two authors all authors had to be listed. If there are more than two authors, the format first author, et al. should be used throughout the text. The list of references should be arranged alphabetically by authors' names and should list all authors. The manuscript should be carefully verified to ensure that the spelling of authors' names and dates are exactly the same in the text as in the reference list.

4. Review/Referees

The contributions will be peer-reviewed on the criteria of originality and quality. To aid in the peer review, authors can provide the names, address and e-mail ID of up to 5 potential referees, although the editor may not necessarily consider them.

5. Revised Manuscripts

In revised manuscripts, the areas containing the major required changes should be marked and the script color changed. Upon acceptance of the manuscript, the final uploaded version will be taken as the basis for subsequent production process, and papers are subjected to editorial changes. Responsibility for the factual accuracy of a paper relies entirely on the author. All the required corrections are to be implemented by author to the satisfaction of editorial board.

6. Proofs and Reprints

Before publication, the corresponding author will receive page proofs via e-mail. The proofs should be corrected cautiously. In particular, authors should answer any editing queries. Authors may freely download the PDF file from which they can print unlimited copies of their articles.

7. Copyright/Open Access

The authors vouch that the work have not been published elsewhere, and the manuscript have not been submitted to any other journal. The publishing misconduct, such as plagiarism and data fabrication, will result in rejection/retraction of the manuscript. Please note that if you are submitting material that includes a portion which has been already published elsewhere, then you must also send the permission in writing that this material may be reprinted in SSAHE - Journal of Interdisciplinary Research to the Editorial Office, and the authors are expected to carry any costs arising from the permission. When the manuscript is accepted for publication, the authors agree for automatic transfer of the copyright. The Articles published in SSAHE - Journal of Interdisciplinary Research will be open-access articles.

8. Fee and Charges

The SSAHE - Journal of Interdisciplinary Research will be published free of cost, online and biannually through a standard blind review procedure.

9. Guidelines for Prepration of Manuscript

The various guidelines in detail have been prepared in the form of an article given next.

Format for the Manuscript Preparation

Title of the Paper (Times New Roman, 18pt, Bold)

Original Research, Case Study, Discussion Paper, Methods (type of paper)

First name Last name¹ [✉]. First name Last name², First name Last name^{3*}
(Times New Roman, 12pt, Bold,)

¹Full Affiliation/Address (Times New Roman, 10pt, Italic)

²Full Affiliation/Address

Example: ¹Assoc.Prof., Dept. of Physics, SSIT, Tumakuru-572105, India

²Research Scholar, SSAHE, Agalakote, B.H.Road, Tumakuru – 5720107

³Prof., Dept. of ECE, SSIT, Tumakuru-572105, India

[✉]Corresponding author: Email id (Times New Roman, 10pt)

Abstract (Times New Roman, 12pt, bold)

In the abstract author should emphasize on what has been done in the research. How they did it? What did they get? With maximum of 250- words (Times New Roman, 12pt, italic).

Key Words: *(Times New Roman, 12pt, bold, italic): Maximum 6-keywords separated by comma, ending in full stop and with no 'and' (Times New Roman, 12pt, Italic)*

1. INTRODUCTION (Times New Roman, 12pt, bold)

In the introduction (i.e., the initial section of a scientific paper) it is mandatory to present the topic of the research and state the background and relative rationale (if applied). In this section the authors should also explain the aim and novelty of the research work [1-5]. It is not necessary, except for review papers, to describe the full history and challenges of the specific research topic. The cited literature should be relevant and up-to-date [6]. (Times New Roman, 12pt).

The second paragraph in each section should start with an indent of 0.29”

2. ANALYSIS AND/OR DESIGNS (Times New Roman, 12pt, bold)

Theoretical methodology used in the paper is to be detailed here. Equations should be on separate line, to be numbered and positioned on the same line and in the standard format according to Latex/ Microsoft equation editor.

$$f(x) = a_0 + \sum_{n=1}^{\infty} \left(a_n \cos \frac{n\pi x}{L} + b_n \sin \frac{n\pi x}{L} \right) \quad (1)$$

All notations used need to be defined in the legend section after conclusions.

3. EXPERIMENTAL SECTION (Times New Roman, 12pt, bold)

Depending on the topic, the experimental section should include synthesis procedures, characterization techniques etc and specification of the instruments. If it is simulation, author will have to mention the type simulation software with specifications [3, 7]. Mention the importance of that software used relevant to research work carried out. (Times New Roman, 12pt)

3.1 Subsection head format (Times New Roman, 12pt, bold)

Accompanying Text (Times New Roman, 12pt)

4. RESULTS AND DISCUSSION (Times New Roman, 12pt, bold)

In this section, it includes the detailed discussion on different parameter values which are plotted in graph and mentioned in a table. Precise analysis of graphs and tables is needed [8-12].

Finally author has to mention how it has excelled in obtaining results in comparison with previous research works. Method of citing the reference numbers in the manuscript are shown in the above text. (Times New Roman, 12pt).

4.1 Subsection head format (Times New Roman, 12pt bold).

Text (Times New Roman, 12pt)

The images or graphs should be clearly visible. In the graphs x and y axis should be clearly mentioned with relevant units. Refer given example of image or graph or tables for caption format.

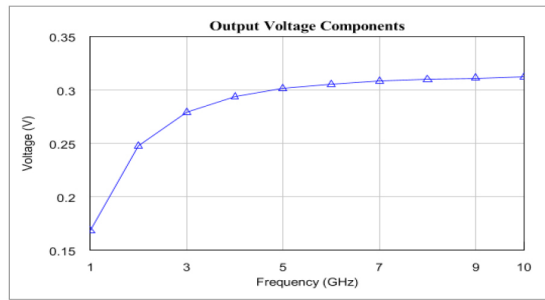


Figure-1 (Times New Roman, 11pt, bold) Photo-current and substrate temperature of the device (Times New Roman, 11pt) centered

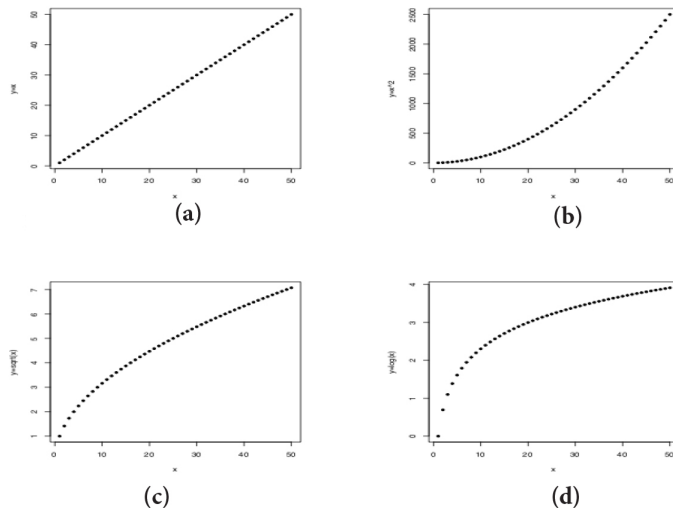


Figure-2 (Times New Roman, 11pt, bold) Basic mathematical functions (Times New Roman, 11pt) (a) linear $y=x$ (b) Quadratic $y=x^2$ (c) Square root $y=\sqrt{x}$ (d) Logarithmic $y=\ln x$

Table format is to be as follows:

Table-1 (Times New Roman, 10pt, table heads is to be bold) Kinematic parameter table of the developed robot(Times New Roman, 11pt) centered

Type	Θ_k	d_k	a_k	α_k	SHP
Base	Θ_1	d_1	0	90^0	0
Shoulder	Θ_2	0	a_2	0	90^0
Elbow	Θ_3	0	a_3	0	$\pi/2$
Tool pitch	Θ_4	0	a_4	90^0	-
Tool roll	Θ_5	d_5	0	0	90^0

5. CONCLUSIONS (Times New Roman, 12pt, bold)

The conclusion of a research paper need to summarize the research work carried out and mentions the applications and future scope of the research work. (Times New Roman, 12pt).

Legend (Times New Roman, 12pt, bold)

No symbol which is used in the paper should be left undefined, and should be listed here. Greek symbols should come first and small letters first and capital symbols last. All should be in Times New Roman, 12 pt. Please don't use spaces but use tabs for alignment. Above should include all symbols used in equations, figures and tables.

Γ	=	Cumulative error in measurement
Ω	=	Potential
β	=	Angle made with respect to vertical
θ	=	Angle made with respect to horizontal
k	=	Hydraulic Conductivity
k_x	=	Hydraulic Conductivity in horizontal direction
n	=	Manning's coefficient
H	=	Depth of water upstream of dam
H_1	=	Height of dam

6. ACKNOWLEDGEMENT (Times New Roman, 12pt, bold)

Acknowledgement is to be given to a person/institution where research facilities are used and also to the funding agency (if fund is obtained to carry out this research work) (Times New Roman, 10pt). Example: The authors thank the Department of Science and Technology (DST), Govt. of India for financial support and Centre for Nanoscience and Technology, Indian Institute of Science, Bangalore for the SEM measurements.

REFERENCES (Times New Roman, 11pt)

The reference for various types should strictly be made in the mentioned format. In the paper the reference should appear in ascending order.

For Weblinks

(Do not list reference to website, thesis and patents)

Example - don't just refer URL like <https://nptel.ac.in>, but refer in detail as mentioned below <https://nptel.ac.in/courses/102/108/102108078/>

For Journal articles

1. Udayakumar N. L. and Siddappa M., Multi-level Security for Virtualization in Cloud Services, *PARIPEX- Indian Journal of Research*, 2017, 6(5), pp.78-80.

For Books

2. Kollgaard E B and W L Chadwick, *Development of Dam Engineering in the United States*, Pergamon Press, Elmsford, NY, 1988.

For Conference and proceeding papers

3. Peters J. Musculovenous pumps in the human lower limb. In: *ASME conference on automatic transmissions*, 29 May–2 June 2003, pp.4–10. New York: ASME.

For Journal articles which are accepted but yet to be published

4. Ludbrook J. Musculovenous pumps in the human lower limb. *Am Heart J*. Epub ahead of print 12 June 2011.