

Guidelines for manuscript preparation

Manuscript as word file will include:

Article Title

(followed by author names and affiliations; corresponding author's email and phone)

1. Abstract, 2. Introduction, 3. Methodology, 4. Results and Discussion, 5. Conclusion and 6. Reference sections.

1. Abstract should contain the following sub-headings:

Objectives:

Methods:

Findings:

Novelty:

Keywords:

(abstract must be enriched with quantitative data; not mere statements/ claims)

2. Introduction must be a para with about 10 most recent and relevant references to the topic (2022-2020);

The research gaps among the published works must be technically analysed and justify why and how the present work is intended to fill the gap.

3. Methodology: must include details of database/ dataset used/ how algorithm modified; what are the parameters considered/ sample size/ how it was compared with Gold standard methods; what are the internal controls or standards for performance comparison.

4. Results and discussion section; must include comparative aspects of current results with the already published reports in terms of accuracy/ cost/ benefit/ reliability/ docile/ advantages

5. Conclusion must exhibit novelty of the findings and should connect how the objectives are met; how the present work fares better than known / published works. enrich conclusion with novelty/ unique findings/ quantitative or qualitative data; add limitations and future prospects

6. References: Must not more than 25; 90% of it should be between 2022-2020; please exclude references down from 2018 except in methodology

Include DOI number/ publication URL for each reference

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Authors need to explain the importance and novelty of the current approach. **Enrich your abstract and conclusion with quantitative data along with novel ideas reached.**

The abstract should be brief and should include the following sub-headings :

Objectives:

Method:

Findings:

Novelty:

Keywords:

The citation should be as per the journal style i.e., numerically **increasing order** [1], [2], [3] etc (not author name, year) and the same way to be listed under reference; **It is preposterous citing many papers in one go [eg., [1,2,3,4,5,etc];** instead, choose 1 or 2 most matching/relevant to your topic and most recent among them]. **introduction should be written in a polished way** stitching together the major advancement made in the area and also pin-point the gaps and justify the need for the present study.

(In other words, the introduction should highlight those recent developments in the area of problem studied and should highlight the gaps and justify why the present work is undertaken; so that the readers will be inspired to look for additional information what the rest of the article is going to offer. The related work should be merged with introduction).

In Introduction, please omit textbook information; the author's attempt to make the fundamentals clear to the Readers should be avoided as most readers are experts only wish to know what new information available in the article; introduction should highlight major gaps of the existing literature and also to justify the present work; on this context **major milestone works of recent ones** (about 10 references from 2023 to 2020) should be highlighted along with their limitations for which your work is going to rectify. Generally, omit references older than 2018 (except in methodology).

Introduction should distil out the gaps of previous work not restating and arranging it for textbook readers; abridge the introduction section to a para.

When similar studies already exist, what new elements are brought out is to be highlighted.

"Results and Discussion" Section **include a detailed discussion on how and why you were able to achieve better results in comparison to state of the art techniques** already published reports. Your obtained results should be matched with previous publication by comparing and contrasting to exhibit the novelty of your work. Comparative citation of previous work is must.

(under introduction, the research gaps are identified by exhibiting the works of most related studies; under 'Results and Discussion', your results are to be

compared with that of the most relevant already published works; this will exhibit the merits of your work)

Conclusion should Highlight the novelty of your work (take home piece of new information) connecting with study objectives; indicate the limitations and future scope. **Support your claim with quantitative data**

(under conclusion section, what major knowledge gaps still remain should also be stated; How your results advanced the present understandings when compared to those of previously published results, must be ascertained)

Abstract section and Conclusion section must be stated with novel outcome and enrich them with quantitative data

Reference section should be prepared as per the journal style (Add DOI number/ publication URL for each reference);
Recent references should have been consulted (2023-2019)

Tit-Bits (A desirable article will include):

Short manuscript (5 to 6 pages excluding the figures and tables)

Table and figures together less than 10 numbers

References less than 25 (90% should be from 2023-2020)

Abstract should be enriched with quantitative data

Introduction is about a para, mainly exposes the recent (2023-2020) and most relevant findings (matching with your title) and expose their research gaps and justify for your work

Methodology should include details of dataset used; how tested/ trained/ compared with gold standard methods; what modification you made in the methodology etc (omit basic details and elaboration with already known information)

Results and discussion section should include how your results are superior compared to hitherto published claims. So, compare and contrast your findings by refereeing with previous publications

(under Introduction section, you are finding the research gaps in the recently published works; but under results and discussion section" you are matching your results with relevant published reports' results)

All the figures and Tables must be original and of high resolution

Conclusion section should mention how the objectives fulfilled by stating the novel outcomes of your work linking with objectives; enrich the section with quantitative data; express comparatively how your work is novel and better; mention the limitations of your work and future scope

All references should be provided with DOI number or publication URL

Of course free from plagiarism stain

Submission Process:

Regular manuscript submission is by means of direct online submission by the author

For special issue/ conference article submission, the organizers communicate directly by email, initially; online submission may be at the end stage

Kindly submit the manuscript online (<https://www.indjst.org>) after registering in as **Author**. In case of any difficulty, please let me know.

Kindly access the following link before submission:

<https://indjst.org/author-guidelines>

“Title page file”: Please provide Names, affiliations (complete address including the Department and the Institution) and emails of all authors in "Title page file" separately; identify the corresponding author with email and phone number (cell). You may also include “Acknowledgement” here.

“Manuscript File”: Manuscript as word file will include: Article Title (omit author details [for blind review]), 1.Abstract, 2.Introduction, 3.Methodology, 4.Results and Discussion, 5.Conclusion and 6.Reference sections.

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