



*Vidya Niketan of Excellence*

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# **DESH BHAGAT UNIVERSITY, MANDI GOBINDGARH**

*(A Centre of Innovation Research & Entrepreneurship)*

## **Author's Guidelines**

### **MANUSCRIPT TYPES**

**Research article:** Papers should present new experimental studies in elaborate form that constitute a significant contribution to knowledge.

**Short communications:** should present new important findings in an area.

**Review articles:** Papers should bring up the most important current topics or present interpretative and critical accounts, but not simple compilations, on subjects of general interest.

### **MANUSCRIPT PREPARATION**

Authors are advised to prepare the manuscript in Microsoft Word processor as “.doc/.docx” file in Times New Roman font using a font size of 12 pt. and line spacing of 1.5 **with 1 cm margin on all side (Top, Bottom, Left and Right) of the page. Title should be 14 pt and bold.** Subtitles in each section shall be in font size 12 and bold. Standard International Units should be used throughout the text. Each page should be line numbered with page numbering at the bottom.

Manuscript should be starting with the title page and the text should be arranged in the following order: Title page, Abstract, Introduction, Material & Methods, Results, Discussion, Conclusion, Acknowledgements, References, Figure and Table. It mandatory to cite every Reference, Figure and Tables should be mentioned in the text in Arabic numerals (e.g. 1, 2, 3). The headings and sub-headings should not be numbered throughout the manuscript.

### **Title and Authorship Information**

The title must be as brief as possible, comprehensive and descriptive. Each author must provide their full name including their surname followed by their address in normal face lower case. The Corresponding Author of the manuscript must be marked with an asterisk. In addition the corresponding author must include telephone, fax and E-mail address at the bottom left corner of the title page. If any of the co-authors are from different organizations, their addresses too should be mentioned and indicated using numbers after their names.

### **Abstract**

The abstract should be self-contained and citation-free and should not exceed 250 words for research and review articles. The word limit for short communication is up to 150 words only. All the research, review and short communications must be accompanied by unstructured abstract. A list of 5-6 keywords is to be provided by the authors just below the abstract.

### **Introduction**

It should clearly state the purpose of the article. It should include a summary of a search of the literature to indicate why this study was necessary and what it aimed to contribute to the field. Authors are required to give only strictly pertinent information and references, and not review the subject extensively. Data or conclusions from the work being reported should not be included in the intro. The section should end with a very brief statement of what is being reported in the article or the objective of present investigation.

### **Materials & Methods**

It should be complete enough to allow possible replication of the research. This should include the design of the study, the setting, the type of materials involved, a clear description of all interventions and comparisons, and the type of analysis used. Kindly give references to established methods and brief descriptions for methods that have been published but are not well-known. For new or substantially-modified methods, describe and give reasons for using them and evaluate their limitations. Identify precisely all drugs and chemicals used, including their generic names, their manufacturer's name. Methods in general use need not be described in detail.

### **Results**

It should be presented with clarity and precision. Results should be presented in a logical sequence in the text, Tables, and Illustrations. Please do not repeat in the text, the data where as already presented in the Tables or Illustrations. Emphasise or summarise only important observations. Specify the statistical methods used to analyse the data. Tables and Illustrations should be restricted to those needed to explain the argument of the paper and to assess its support. Data in Graphs and Tables should not be duplicated.

### **Discussion**

It should interpret the findings in view of the results obtained in this and in past studies on the topic. Please emphasize on the new and important aspects of the study and the conclusions that follow from them. Do not repeat in detail data or other material given in the Introduction or the Results section. Include in the Discussion section the implications of the findings and their limitations, including the implications for future research. Relate the observations to other relevant studies. Link the conclusions with the goals of the study but avoid statements and conclusions not completely supported by your data. Avoid claiming priority and alluding to work that has not been completed.

***The Results and Discussion may be combined into a single section.***

### **Conclusion**

This should state clearly the main conclusions of the research and give a clear explanation of their importance and relevance. Summary illustrations may be included.

### **Acknowledgements**

State contributions that need to be acknowledged

### **References**

In the text, references should be quoted in the text by the surname of the author/s and the year in parentheses for e.g. Sharma (2010), Kumar and Singh (2008). When there are more than two authors, only the first author's name should be mentioned, followed by 'et al' e.g. Rani *et al.* (2011). In the event that an author has cited two or more works published during the same year, the reference, both in the text and in the reference list, should be identified by a lower case letter like 'a' and 'b' after the date to distinguish the works e.g. Chukwura, 1987a,b; Tijani, 1993,1995. It is the authors' responsibility to check all references very carefully for accuracy and completeness. References should be listed at the end of the paper in alphabetical order. Examples of reference style are shown below. Please take care to follow the reference style precisely.

#### ***Journal Article***

Ramani G, Krithika K (2013) Screening of *Serratiamarcescens* isolated from soil for secondary metabolites of therapeutic importance. *Inter J Bioass*, 02:1162-1165

Ortega N, Perez-Mateos M, Pilar MC, Busto MD (2009) Neutralse immobilization on alginate–glutataldehyde beads by covalent attachment. *J Agric Food Chem* 57:109–115

Dalal S, Sharma A, Gupta MN (2007) A multipurpose immobilized biocatalyst with pectinase, xylanase and cellulase activities. *Chem Cent J* 1:16

#### ***Journal Supplement Article***

Koonin EV, Altschul SF, Bork P, 1996. Analysis and assessment of *ab initio* three-dimensional prediction, secondary structure, and contacts prediction. *Proteins*, 43 (Suppl 3): 149-170.

### **Conference Proceeding**

Charnley AK (1992). Mechanisms of fungal pathogenesis in insects with particular reference to locusts. In: Lomer CJ, Prior C (eds) *Biological Controls of Locusts and Grasshoppers: Proceedings of an international workshop held at Cotonou, Benin*. Oxford: CAB International, pp 181-190.

### **Book**

Aneja KR, 2003. *Experiments in Microbiology, Plant Pathology and Biotechnology*. 4<sup>th</sup> ed. New Delhi: New Age International Publishers.

### **Book Chapter**

Mundree SG, Farrant JM, 2000. Some physiological and molecular insights into the mechanisms of desiccation tolerance in the resurrection plant *Xerophytaviscosa* Baker. In Cherry *et al.* (eds) *Plant tolerance to abiotic stresses in Agriculture: Role of Genetic Engineering*, Kluwer Academic Publishers, Netherlands, pp 201-222.

### **Table**

It should be typed in Microsoft-Word Table format on separate pages. They should be numbered consecutively using Arabic numerals (e.g. 1,2,3..) in the order of their first citation in the text and supply a brief title, which should be shown at the top of each table. Column heading should be brief. Place table explanations in the footnotes, not in the heading.

### **Figures**

All figures must be submitted in a finished form that is ready for reproduction. They should be limited to those required to show the essential features described in the text. Please use JPEG format and ensure that the files are created and saved at a resolution of 300 dots per inch (DPI). A separate file should be submitted for each Figure or Figure part. Authors should retain backup files of all digital graphic files. Figures should be numbered consecutively in Arabic numerals (e.g. Fig. 1, 2, 3) according to the order in which they have been first cited in the text. Begin each figure with a title to include sufficient description, so that the figure is understandable without reading the text of the manuscript.

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Proofs will be sent electronically to the Corresponding Author as a PDF file after receipt of the requisite fee and proof thereof. Page proofs are considered to be the final version of the manuscript. With the exception of typographical or minor clerical errors, no changes will be made in the manuscript at the proofing stage. Authors will have free electronic access to the full text of the article. Authors can freely download the PDF file from which they can print unlimited copies of their articles.

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The authors of papers, in which experiments on animal were conducted, should give a statement of certification that “Experiments on animals were performed in accordance with the guidelines and regulations set forth by {Name of Institution/Committee of the country where experiments carried out}” and also should be in accordance with the internationally accepted principles for laboratory animal use and care.

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