

# Guidelines for preparation of manuscript for Physics Teacher

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## Abstract

This document briefly describes the preparation of manuscript for Physics Teacher.

## 1 Introduction

Published since the Silver Jubilee Year of the Indian Physical Society, Physics Teacher is devoted to strengthening of physics teaching and research. It publishes articles in various branches of physics. It emphasizes on a lucid style that will attract readers from varied backgrounds. Articles ordinarily are not to exceed 5000 words. It also publishes Letters to the Editor not exceeding 1000 words. It can embody matters like queries, comments and criticisms etc on the regular articles published in the Physics Teacher, as also independent opinions on topics of current interest.

## 2 Format of the Template

Manuscripts are to be prepared using L<sup>A</sup>T<sub>E</sub>X. You may use suitably defined macros. The manuscript must start with the command

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`\input{decl12}`. The decl12.tex file is the default style file and uses the article format. A Running Title is also required.

### 2.1 Math and Equations

Single equations and formulas can be written using the commands `\be` and `\ee` to start and end the equation environment.

$$\sigma = \pi R^2. \quad (1)$$

For arrays of equations, the corresponding commands are `\bea` and `\eea`

$$\vec{\nabla} \cdot \vec{E} = \frac{\rho}{\epsilon_0} \quad (2)$$

$$\vec{\nabla} \times \vec{B} = 0 \quad (3)$$

Use `$` to create math environment to type equations without numbers.

$$\vec{\nabla} \cdot \vec{E} = \frac{\rho}{\epsilon_0}$$

## 2.2 Figures and Tables

Figures can be placed using the `\includegraphics` command.

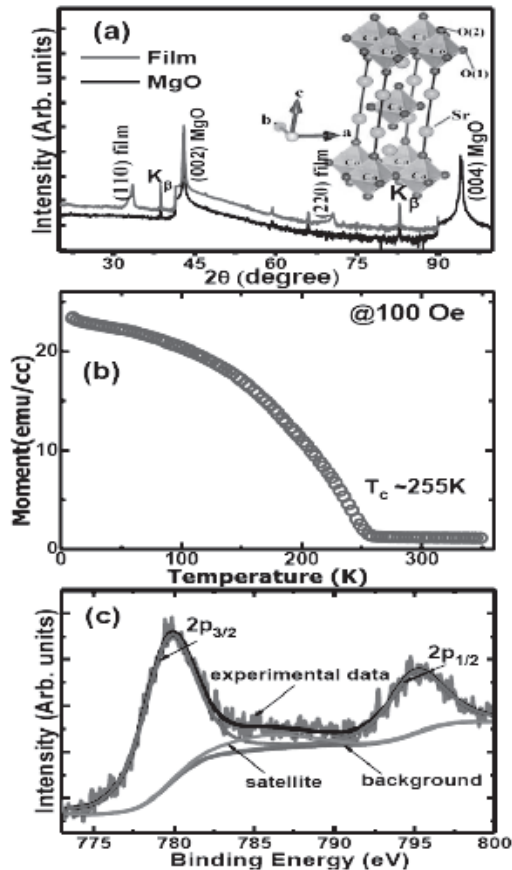


Figure 1: Figure caption should be placed below the figure. Use `figure*` environment for two-column figures.

Use the `table` and `table*` environments for one column and two column table, respectively.

## 2.3 Bibliography

The References can be set in the `format[1]` for journals for number of authors less than six. For more authors, use `format[2]`. For references to books and conference proceedings, use `format[3]`

Table 1: Table caption should go on the top of the table.

	Values(Units)	
I	X	Y
0	0.00	1.00±0.01
1	1.00	1.00±0.02

and [4], respectively. For articles in arxiv, use format [5].

## 3 General Guidelines

Please adhere to the guidelines given for electronic submission.

### Acknowledgement

We are thankful to you for preparing the manuscript in camera-ready form.

## References

- [1] M.N. Saha, *Nature* **00** 000 (1921).
- [2] C.V. Raman et al. *Nature* **00** 000 (1928).
- [3] S. Chandrasekhar, “Ellipsoidal figures of equilibrium”, First Edition (Yale Univ. Press, New Haven) p. 1000 (1969).
- [4] G. Gamow, Proceedings of the Conference on Quantum Mechanics, Ed. W. Pauli, (Yale Univ. Press, New Haven), p. 10 (1928).
- [5] I. V. Dobrovolska and R. S. Tutik, “A new approach to logarithmic perturbation theory for spherical an harmonic oscillator”, arXiv: quant-ph/0407182v1 22 Jul (2004).