

CUFE, M. Sc. MPM, 2014-2015

The Scientific Article

The Scientific Article

- Contains information about progress and achievements.**
- Engages the author's responsibility.**
- The initiative comes from the author**
- Is backed up by other work.**
- Receives wide circulation.**
- The writer follows a template planned by the publisher.**

Paper layout

Length: Limited pages

Form: Follows specifications

Paper Organization: defined by the publisher

Title: short; attracts attention; informative; with names & affiliations

The Abstract: Usually descriptive; Is limited in words; summarizes objectives, results and conclusions.

Introduction

Outlines topic.

Mentions background.

Briefly presents the contents.

Prepares readers to the topic.

The Body

Develops the topic.

Explains the theory behind.

Analyses situations.

Describes equipment/procedures.

Presents data.

Shows illustrations.

Interprets & discusses results.

Supports conclusions/ recommendations.

The Conclusion: Condenses results, and recommendations of the work.

Should not show “new” information

Nomenclatures: Define symbols and abbreviations in a formal way.

Acknowledgments: Cite and acknowledge help given by others.

References: Show consulted work, directly related by to the topic.

Appendixes: Contain details; not necessary for the body.

Tables and Figure: Group tables and illustrations

Conversion Factors: convert units used to equivalent metrics.