

Article Title

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¹Department One, Institution One, City One, Country One

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Short Running Title: Short Title

Abstract: Must be self-explanatory, stating the rationale, objective(s), methodology, main results, and conclusions of the study. Abbreviations, if used, must be defined on the first mention in the Abstract as well as in the main text. Abstract of review articles may have a variable format. (Maximum 250 words)

Keywords: Posuere, Pulvinar Exposure, Vivamus Enzyme, Pellentesque.

1. INTRODUCTION

The introduction should define the broad research area and background information in the context of the present study. [All cited references must be related to the subject of the article and/or the context in which they are cited. The citation format must be as follow](#), text statement given by Rashid *et al.* [1] [\(for more than two authors\)](#). Figures and tables can be single- or double-column width as appropriate [2]. [State the issues previous studies failed to answer or mention where past findings disagree or lack consistency](#). During the production process, they will be placed at the top or bottom of columns after they are first cited in the text Bialek and Setayeshgar [3] [\(for two authors\)](#).

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2. MATERIALS AND METHODS

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2.1. Subsection Heading

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$$A = \frac{B-C}{D+E} \times 100$$

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Table 1. Applications of accident analysis techniques in different industries.

S. No.	Methods	Applications	References
1	Citation	References cited in Tables should be discussed in the main text	[2, 9-11]
2	FMECA	Aerospace industry, Railway industry, Aviation industry, Food industry	[3, 8, 10]
3	FMEA	Space industry, Chemical industry, Thermal plant, Paper mill, Nuclear	[10-12]
4	FMECA	Aerospace industry, Railway industry, Aviation industry, Food industry	[12]
5	FMECA	Aerospace industry, Railway industry, Aviation industry, Food industry	[3, 8]

3. RESULTS AND DISCUSSION

Figure 1 shows the XRD patterns of $Zn_{1-x}Ni_xFe_2O_4$ samples, collected at room temperature. All the characteristic peaks of the spinel crystal structure, having cubic symmetry in $Fd3m$ space group, were present in the diffraction patterns [Joint Committee on Powder Diffraction Standards (JCPDS) no. 82-1042 for Zn ferrite, no. 74-2081 for Ni ferrite, and no. 08-2034 for Zn-Ni ferrite]. These results confirm that all samples are single phase having spinel structure. The lattice parameters decrease with Ni doping at the Zn sites (as shown in Figure 2); this can be attributed to the smaller ionic size of Ni^{2+} (0.69 Å) as compared with that of Zn^{2+} (0.74 Å). For cationic distribution, these results complement the previous study of Akhtar *et al.* [9].

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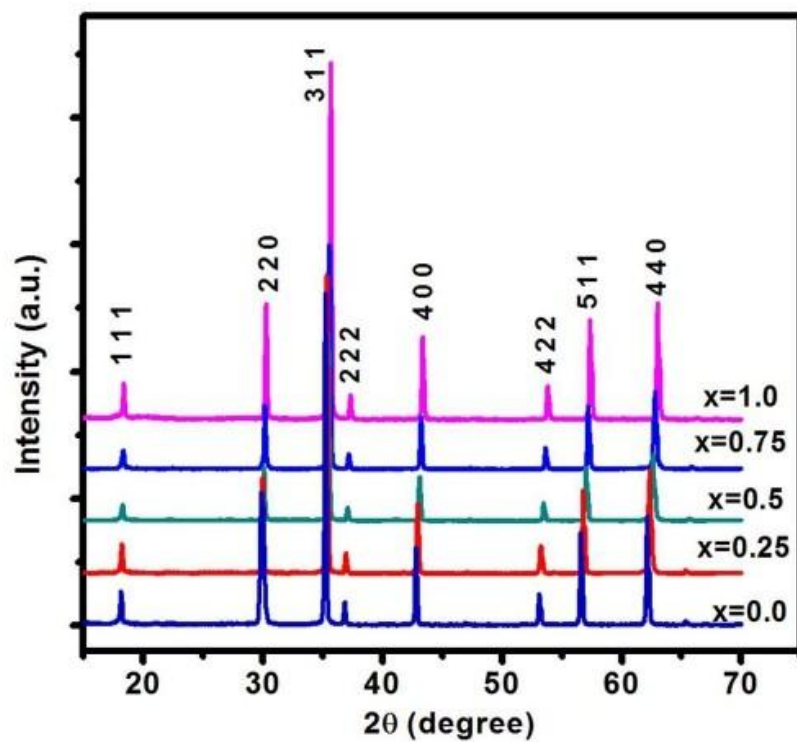


Fig. 1. XRD patterns of Zn_{1-x}Ni_xFe₂O₄ collected at room temperature.

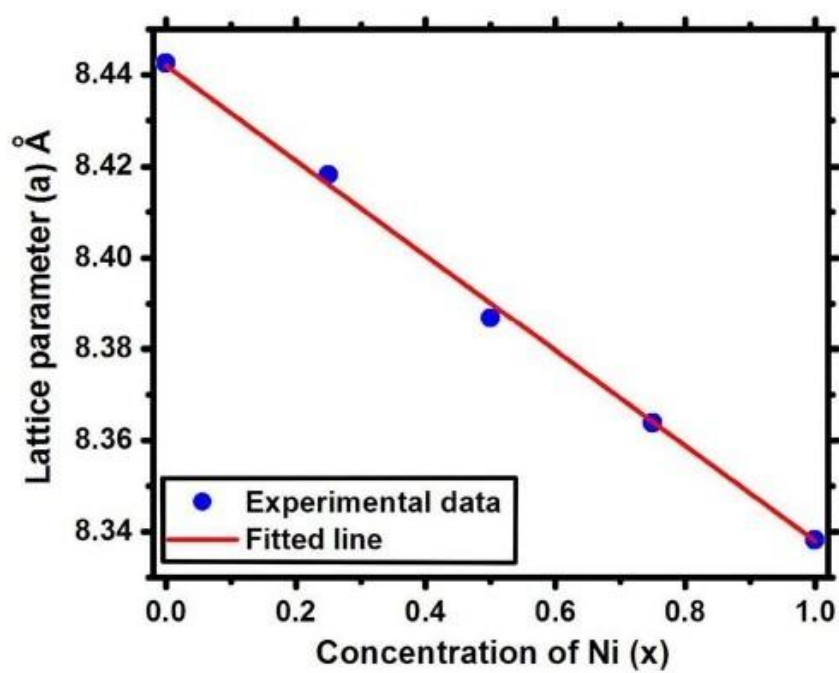


Fig. 2. Variation of lattice parameter with Ni concentration in Zn_{1-x}Ni_xFe₂O₄.

All figures must be presented with high resolution, and should be clearly readable in the print form.

4. CONCLUSIONS

You must give summary of the conclusions of the results of the present study.

5. ACKNOWLEDGEMENTS

Please give acknowledgement statement if any person or institution has supported this work.

6. ETHICAL STATEMENT

If this work includes any studies involving human or animal subjects, give the ethical approval statement by specifying the name of the body/institutional committee who approved the study. If no human or animal subjects are involved then state that ethical approval is not required.

7. CONFLICT OF INTEREST

The author declares that there is no conflict of interest.

8. FUNDING

Please state if any funding was received, otherwise state: No funding was received to conduct this research.

9. AUTHORSHIP CONTRIBUTION STATEMENT

Give authors contributions statement.

10. DECLARATION

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