

**PERFORMANCE ENHANCEMENT OF
PIEZOELECTRIC ENERGY HARVESTING**

A Thesis

Submitted

by

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for the award of the degree of

Doctor of Philosophy



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Declaration by the Research Scholar

This is to certify that the thesis entitled “**Performance Enhancement of Piezoelectric Energy Harvesting**” submitted by me to the Indian Institute of Technology Mandi for the award of the degree of Doctor of Philosophy is a bonafide record of research work carried out by me in the School of Engineering, Indian Institute of Technology Mandi, under the supervision of Dr. Rajeev Kumar and Prof. Satish Chandra Jain. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma.

In keeping with the general practice of reporting scientific observation, due acknowledgements have been made wherever the work described is based on the findings of other investigators.

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Thesis Certificate

This is to certify that the thesis entitled “**Performance Enhancement of Piezoelectric Energy Harvesting**” submitted by Mr. Anuruddh Kumar to the Indian Institute of Technology Mandi for the award of the degree of Doctor of Philosophy is a bonafide record of research work carried out by him under our supervision in the School of Engineering, Indian Institute of Technology Mandi. The contents of this thesis, in full or in parts, have not been submitted to any other Institute or University for the award of any degree or diploma. In keeping with the general practice of reporting scientific observation, due acknowledgements have been made wherever the work described is based on the findings of other investigators.

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CONTENTS

DECLARATION	i
THESIS CERTIFICATE	ii
ACKNOWLEDGEMENT	iii
CONTENTS	v
LIST OF FIGURES	ix
LIST OF TABLES	xvii
NOMENCLATURE	v
PREAMBLE	xxii
CHAPTER 1: INTRODUCTION	1-1
1.1 Overview of energy harvesting	1-2
1.2 Literature review	1-8
1.2.1 Piezoelectricity	1-8
1.2.2 Piezoelectric energy harvesting	1-9
1.2.3 Flexoelectricity:	1-29
1.2.4 Flexoelectric energy harvesting	1-33
1.3 Objectives of the thesis	1-36
CHAPTER 2: FINITE ELEMENT MODELING OF PIEZOELECTRIC / FLEXOELECTRIC HARVESTERS	2-1
2.1 Introduction	2-2

2.2	Constitutive equations for piezoelectric energy harvester	2-3
2.3	Concept of nonlinear functionally graded piezoelectric energy harvester:	2-5
2.3.1	Calculation of magnetic force (F_{mag})	2-6
2.3.2	Finite element modelling using shell element	2-7
2.4	Nonlinear finite element formulation for flexoelectric energy harvester:	2-23
2.5	Solution of equations of the harvesters.	2-26
2.5.1	Model analyses:	2-26
2.5.2	Harmonic balance method:	2-27
2.6	Validation of finite element formulation:	2-30
2.6.1	Piezolaminated bimorph beam subjected to electric load.	2-30
2.6.2	Validation of magnetic force	2-32
2.6.3	Validation of Simple Harmonic Balance Method	2-33
2.6.4	Validation of open circuit voltage from harvester	2-34
2.6.5	Validation of finite element formulation for flexoelectric effect	2-36
2.7	Conclusions	2-38
CHAPTER 3: PIEZOELECTRIC ENERGY HARVESTING IN WIDE FREQUENCY RANGE		3-1
3.1	Introduction	3-2
3.2	Performance enhancement using poling technique	3-3

3.3	Performance of functionally graded piezoelectric energy harvester	3-9
3.3.1	Performance of the functionally graded piezoelectric energy harvester with poling tuning	3-13
3.3.2	Functionally graded piezoelectric energy harvester for wide frequency bandwidth	3-17
3.4	Conclusions	3-26
CHAPTER 4: NUMERICAL INVESTIGATION OF FLEXOELECTRIC ENERGY HARVESTING PERFORMANCE IN WIDE FREQUENCY RANGE		4-29
4.1	Introduction	4-30
4.2	Wideband flexoelectric energy harvester	4-30
4.3	Flexoelectric Bistable Energy Harvester	4-37
4.4	Conclusions	4-44
CHAPTER 5: PERFORMANCE ASSESSMENT OF PIEZOELECTRIC ENERGY HARVESTER FOR PACEMAKER APPLICATION		5-47
5.1	Introduction	5-48
5.2	Circuit Topology:	5-57
5.3	Conclusion	5-63
CHAPTER 6: INVESTIGATION OF BIFUNCTIONAL BEHAVIOR OF PIEZOELECTRIC CANTILEVERS FOR ENERGY HARVESTING AND REFRIGERATION		6-1
6.1	Introduction	6-2

6.2	Materials and methods	6-3
6.3	Conclusion	6-17
CHAPTER 7: CONCLUSIONS AND FUTURE SCOPE		7-1
7.1	Conclusions	7-1
7.2	Future Scope:	7-3