



**Database of Medicinal plants used in treatment
of Gynaecological Diseases**

A Major Project dissertation submitted

in partial fulfilment of the requirement for the degree of

Master of Technology

In

Bioinformatics

Submitted by

Ritu Rani

(2K10/BIN/13)

Delhi Technological University, Delhi, India

Under the supervision of

Dr Navneeta Bharadvaja

Department of Biotechnology

Delhi Technological University

(Formerly Delhi College of Engineering)

Shahbad Daulatpur, New Bawana Road, Delhi-110042

INDIA

CERTIFICATE



This is to certify that the M. Tech. dissertation entitled **“DATABASE OF MEDICINAL PLANTS USED IN TREATMENT OF GYNAECOLOGICAL DISEASES”**, submitted by **RITU RANI (2K10/BIN/13)** in partial fulfilment of the requirement for the award of the degree of Master of Engineering, Delhi Technological University (Formerly Delhi College of Engineering, University of Delhi), is an authentic record of the candidate’s own work carried out by her under my guidance.

The information and data enclosed in this dissertation is original and has not been submitted elsewhere for honouring of any other degree.

Date:

Dr Navneeta Bharadvaja

(Project Mentor)

Department of Bio-Technology

Delhi Technological University

(Formerly Delhi College of Engineering, University of Delhi)

ACKNOWLEDGEMENT

Many people advice and encouragement were critical throughout my project period, have supported the successful completion of the project that I undertook at Department of Biotechnology, Delhi Technological University and I am indebted to all of them.

I express my deep sense of gratitude and reverence to Dr Navneeta Bharadvaja whose enthusiastic zeal and encouragement boosted me for the successful completion of my work. I am thankful to her for introducing me to the virtues and excellence of scientific research. Her valuable suggestions in the preparation of this manuscript are also gratefully acknowledged.

I remain grateful to all other faculty members for their support, encouragement and guidance.

Last but not the least, I would like to express my heartfelt thanks to my parents and friends for their blessings, help, immense love, patience, moral support and encouragement in accomplishing this piece of work.

RITU RANI
2K10/BIN/13

CONTENTS

TOPIC	PAGE NO
<i>LIST OF FIGURES</i>	<i>1</i>
<i>LIST OF TABLES</i>	<i>2</i>
ABSTRACT	3
1. INTRODUCTION	4
1.1 Gynaecological disease	4
1.1.1 Causes	4
1.1.2 Prevention	6
1.2 Medicinal plants-importance and scope	7
1.3 Efficacy of traditionally used plants	9
1.4 Medicinal plants in curing Gynaecological diseases	10
1.5 Apache tomcat	11
2. REVIEW OF LITERATURE	12
3. METHODOLOGY	32
3.1 Data collection	33
3.2 Database development	34
3.3 Database implementation	35
4. RESULTS AND DISCUSSION	37
5. CONCLUSION AND FUTURE PERSPECTIVE	49
6. REFERENCES	50