CONTENTS

LIST of FIGURES

LIST of TABLES

LIST OF ABBREVIATIONS

ACA   : American College of Rheumatology.

ACTH   : Adrenocorticotrohic Hormones.

ANAs   : Anti Nuclear antibodies.

APCs   : Antigen presenting cells.

B cell   : B lymphocyte.

CASI   : Chronic arthritis systemic index.

CBC   : Complete Blood Count.

CRP   : C.Reactive Protein.

CSFs   : Colony-Stimulating factors.

CT   : Computerized axial tomography.

DAS   : Disease Activity score

DIP   : Distal Interphalangeal.

DMARDs   : Disease Modifying Anti-Rheumatic Drugs.

EBV   : Epstein-Barr virus.

ESR   : Erythrocyte- Sedimentation Rate.

Hb   : Hemoglobin.

HIV   : Human Immunodeficiency Virus.

HLA   : Human Leukocytic Antigen.

G-CSF   : Granulocyte Colony-Stimulating factor.

GM-CSF   : Granulocyte Macrophage Colony-Stimulating factor.

FDA   : Food and Drug Administration.

Ig G   :Immunoglobulin.

IL-1   : Interleukin -1.

MCP   : Metacapophalangeal.

M-CSF   : Macrophage Colony-Stimulating factor.

mg   : Milligram.

 MRI   : Magnetic resonance Imaging.

MTP   : Metatarsophalangeal.

MTX   : Methotrexate.

NSAIDs   : Nonsteroidal ant-inflammatory drugs.

PIP   : Proximal Interphalangeal

PMNL   : Polymorphnuclear Leukocytes.

RA   : Rheumatoid arthritis.

RAI   : Ritchie,s articular index.

RF   : Rheumatoid Factor.

SLE   : Systemic lupus Erythemtosus.

TAI   : Thomposon,s articular index.

T cell   : T lymphocyte.

TNFα   : Tumour –necrosis factor α .

VAS   :Visual Analogue Scale.