

## LIST OF ABBREVIATIONS

DM	Diabetes Mellitus
FL	Fuzzy Logic
FLC	Fuzzy Logic Controller
WHO	World Health Organization
ADA	American Diabetes Association
GDM	Gestational Diabetes Mellitus
CHD	Coronary Heart Disease
CVD	Cardio vascular disease
SMI	Silent Myocardial Infarction
IDF	International Diabetes Federation
ESRD	End Stage Renal Disorder
HBR	Heart Beat Rate
GFR	Glomerular Filtration Rate
DKA	Diabetic Ketoacidosis
LDL	Low Density Lipoprotein
HDL	High Density Lipoprotein
BMI	Body Mass Index
BS	Blood Sugar
Ins	Insulin
Ket	Ketones
Lip	Lipids
Ob	Obesity
BP	Blood Pressure
P/C	Protein/ Creatinine
SOC	Stages of Cardiac
SORF	Stages of Renal Failure
FIS	Fuzzy Inference System
MATLAB	Matrix Laboratory

ANFIS	Adaptive Neuro Fuzzy Inference System
PID	Proportional Integral Derivative
MEMS	Micro Electro Mechanical System
FCM	Fuzzy C Means Clustering
LIFE	Laboratory for International Fuzzy Engineering
FLMP	Fuzzy Logic Model of Perception
ECG	Electrocardiography
MAP	Mean Arterial Pressure
IFR	Intravenous Fluid Rate

