

LIST OF ABBREVIATIONS

CNC	Computer Numeric Control Machine
DSS	Duplex Stainless Steel
MQL	Minimum Quantity of Lubrication
LN₂	Liquid Nitrogen
LCO₂	Liquid Carbon Dioxide
ScCO₂	Super Critical Carbon Dioxide
NMQL	Nano-Minimum Quantity of Lubrication
NMoS₂	Nano-Molybdenum Bisulfide
TiC	Titanium Carbide Coated
TiN	Titanium Nitride Coated
TiCN	Titanium Carbon-Nitride Coated
TiAlN	Titanium Aluminium Nitride
Al₂O₃	Aluminium Oxide
ANN	Artificial Neural Network
RSM	Response Surface Method
FLS	Fuzzy Logic System
ANFIS	Adaptive Neural Fuzzy Interface System
GA	Genetic Algorithm
OA	Orthogonal Array
TOPSIS	Technique for order of preference by similarity to Ideal solution
PSO	Particle Swarm Optimization
Ra	Roughness Average
TW	Tool Wear
MRR	Metal Removal Rate
RPM	Revolutions/Rotations Per Minute