# LIST OF TABLES

**TABLE 3.1**  
Climate in Burdwan ........................................................................................................ 35

**TABLE 4.1**  
Forest Cover Distribution of Burdwan District by C.D. Blocks/Police Station .......... 52

**TABLE 4.2**  
Distribution of Agricultural Area of Burdwan District ............................................. 52

**TABLE 4.4**  
Irrigation Coverage in Burdwan Police Station ............................................................... 53

**TABLE 4.5**  
Culturable Waste Land in Burdwan District .................................................................. 53

**TABLE 4.6**  
Area not Available for Cultivation in Burdwan District ............................................... 54

**TABLE 4.7**  
Changing Land Use and Land Cover of Burdwan District ........................................... 54

**TABLE 4.8**  
LULC and Some Interlinking Variables of Burdwan District ......................................... 54

**TABLE 4.9**  
Correlation Coefficients between Share of Agricultural Workers and Types of Land Use .......................................................... 55

**TABLE 4.10**  
Correlation Coefficients between Share of Industrial Workers and Types of Land Use ........................................................................................................ 55

**TABLE 4.11**  
Correlation Coefficients between Share of Other Workers and Types of Land Use .... 55

**TABLE 4.12**  
Correlation Coefficients between Share of Urban Population and Types of Land Use .. 55

**TABLE 4.13**  
Correlation Coefficients between Sectoral Growth in Workers and Types of Land Use ........................................................................................................ 55

**TABLE 5.1**  
Villages on the Bed of the River Damodar ................................................................... 99

**TABLE 5.2**  
Sinuosity Index of the River Damodar at Burdwan Police Station .............................. 99
TABLE 5.3
STABLE AND UNSTABLE BARS ON DAMODAR RIVERBED IN BURDWAN PS ........................................... 100

TABLE 6.1
DEPLETION OF WATER BODIES IN BURDWAN PS – SPATIAL MODELLING USING MARKOV CHAIN ... 117

TABLE 6.2
LAND USE AND LAND COVER AND ECONOMIC ACTIVITY OF BHATAR PS ............................................ 117

TABLE 6.3
DEPTH OF GROUND WATER OF BHATAR BLOCK .................................................................................... 117

TABLE - 6.4
PONDS USED FOR AGRICULTURAL ACTIVITIES ....................................................................................... 118

TABLE 6.5
SPATIO-TEMPORAL CHANGE IN THE SURFACE WATER BODIES ................................................................ 118

TABLE 6.6
DEPLETION OF WATER BODIES IN BHATAR PS – SPATIAL MODELLING USING MARKOV CHAIN ... 118