LIST OF FIGURES

Fig. 3.1  Index Map of Krishna Basin  29
Fig. 3.2  Flow Chart of Krishna River  30
Fig. 3.3  Schematic Diagram of Srisailam Project  38
Fig. 3.4  Schematic diagram of Srisailam right bank canal and Telugu Ganga canal  46
Fig. 3.5  Schematic diagram of Srisailam left bank canal  48
Fig. 3.6  Location & Layout of Srisailam Leftbank Canal Project  50
Fig. 3.7  Flow Diagram of SLBC Gravity Scheme  65
Fig. 4.1  Flowchart for SDP model  71
Fig. 4.2  Flowchart for simulation  73
Fig. 4.3  Flowchart for CROPWAT model  82
Fig. 4.4  Typical location of a canal head regulator in relation to a barrage  84
Fig. 4.5  Relative inclination of head regulator & barrage axes  85
Fig. 4.6  Typical layout of a canal head regulator  86
Fig. 4.7  Sectional view through a canal head regulator  86
Fig. 4.8  Recommended values of coefficient of discharge for varying He, P and W  89
Fig. 4.9  Recommended values of Kp and Ka  90
Fig. 4.10  Transitions for upstream inlet  91
Fig. 4.11  Sheet pile on the upstream of head regulator floor  91
Fig. 4.12  Critical subsurface flow of head regulator  93
Fig. 4.13  Tunnel sections  96
Fig. 4.14  Geometric elements of the channel  99
Fig. 6.1  Irrigation scheduling graph for crop - Cotton  154
Fig. 6.2  Irrigation scheduling graph for crop - Chilies  155
Fig. 6.3  Irrigation scheduling graph for crop - Groundnut Kharif  155
Fig. 6.4  Irrigation scheduling graph for crop - Groundnut Rabi  156
Fig. 6.5  Irrigation scheduling graph for crop - Pulses  156
Fig. 7.1  Design Particulars of Canal Head Regulator  162