

LIST OF FIGURES		AFTER Page No.
Fig. 1.1	: Location map	03
Fig. 2.1	: Regional geological map (after Mitchell and Widdowson)	09
Fig. 2.2	: Geological map	10
Fig. 2.3	: Drainage map of the Bhatya Vijaydurg area	11
Fig. 2.3 a	: Drinage map of the fifth order basin no. 1	11
Fig. 2.3 b	: Drinage map of the fifth order basin no. 2	11
Fig. 2.3 c	: Drinage map of the fifth order basin no. 3	11
Fig. 2.3 d	: Drinage map of the fifth order basin no. 4	11
Fig. 2.3 e	: Drinage map of the fifth order basin no. 5	11
Fig. 2.3 f	: Drinage map of the fifth order basin no. 6	11
Fig. 2.3 g	: Drinage map of the fifth order basin no. 7	11
Fig. 2.3 h	: Drinage map of the fifth order basin no. 8	11
Fig. 2.4	: Geomorphological map of the Bhatya Vijaydurg area	12
Fig. 2.5 a	: Planar surfaces of fifth order basin no. 1 indicated by superimposed profiles.	13
Fig. 2.5 b	: Planar surfaces of fifth order basin no. 2 indicated by superimposed profiles.	13
Fig. 2.5 c	: Planar surfaces of fifth order basin no. 3 indicated by superimposed profiles.	13
Fig. 2.5 d	: Planar surfaces of fifth order basin no. 4 indicated by superimposed profiles.	13

LIST OF FIGURES		AFTER Page No.
Fig. 2.5 e :	Planar surfaces of fifth order basin no. 5 indicated by superimposed profiles.	13
Fig. 2.5 f :	Planar surfaces of fifth order basin no. 6 indicated by superimposed profiles.	13
Fig .2.5 g :	Planar surfaces of fifth order basin no. 7 indicated by superimposed profiles.	13
Fig. 2.5 h :	Planar surfaces of fifth order basin no. 8 indicated by superimposed profiles.	13
Fig. 2.6 :	Planar surfaces : Bhatya Vijaydurg area	13
Fig. 3.1 :	Lineament map based on the topographical sheets of the Bhatya Vijaydurg area	27
Fig. 3.2 :	Lineament map based on the LANDSAT - I imageries of the Bhatya Vijaydurg area	27
Fig. 4.1 :	Regression coefficient of (a) Stream segment on stream order (b) Total stream length on stream order from the area	35
Fig. 4.2 a :	Hypsometric curves of the fifth order basin nos. 1,2,3 and 4	38
Fig. 4.2 e :	Hypsometric curves of the fifth order basin nos. 5,6,7 and 8	38
Fig. 4.3 :	Altitude frequency curves, for the Bhatya Vijaydurg area	39
Fig. 4.4 a :	Altitude frequency curves of fifth order basin nos. 1 and 2	40
Fig. 4.4 c :	Altitude frequency curves of fifth order basin nos. 3 and 4	40
Fig. 4.4 e :	Altitude frequency curves of fifth order basin nos. 5 and 6	40

LIST OF FIGURES		AFTER Page No.
Fig. 4.4 g :	Altitude frequency curves of fifth and h order basin nos. 7 and 8	40
Fig. 4.5 a :	Figure showing slope directions of the fifth order basin no. 1	41
Fig. 4.5 b :	Figure showing slope directions of the fifth order basin no. 2	41
Fig. 4.5 c :	Figure showing slope directions of the fifth order basin no. 3	41
Fig. 4.5 d :	Figure showing slope directions of the fifth order basin no. 4	41
Fig. 4.5 e :	Figure showing slope directions of the fifth order basin no. 5	41
Fig. 4.5 f :	Figure showing slope directions of the fifth order basin no. 6	41
Fig. 4.5 g :	Figure showing slope directions of the fifth order basin no. 7	41
Fig. 4.5 h :	Figure showing slope directions of the fifth order basin no. 8	41
Fig. 4.6 a :	Cumulative percent frequency, frequency histogram and frequency polygon for fifth order basin no. 1	42
Fig. 4.6 b :	Cumulative percent frequency, frequency histogram and frequency polygon for fifth order basin no. 2	42
Fig. 4.6 c :	Cumulative percent frequency, frequency histogram and frequency polygon for fifth order basin no. 3	42
Fig. 4.6 d :	Cumulative percent frequency, frequency histogram and frequency polygon for fifth order basin no. 4	42
Fig. 4.6 e :	Cumulative percent frequency, frequency histogram and frequency polygon for fifth order basin no. 5	42
Fig. 4.6 f :	Cumulative percent frequency, frequency histogram and frequency polygon for fifth order basin no. 6	42

	LIST OF FIGURES	AFTER Page No.
Fig. 4.6 g :	Cumulative percent frequency, frequency histogram and frequency polygon for fifth order basin no. 7	42
Fig. 4.6 h :	Cumulative percent frequency, frequency histogram and frequency polygon for fifth order basin no. 8	42
Fig. 4.7 a :	Longitudinal profiles of fifth order and b basin nos. 1 and 2	45
Fig. 4.7 c :	Longitudinal profiles of fifth order and d basin nos. 3 and 4	45
Fig. 4.7 e :	Longitudinal profiles of fifth order and f basin nos. 5 and 6	45
Fig. 4.7 g :	Longitudinal profiles of fifth order and h basin nos. 7 and 8	45
Fig. 5.1 a :	Relative relief map of the fifth order basin no. 1	50
Fig. 5.1 b :	Relative relief map of the fifth order basin no. 2	50
Fig. 5.1 c :	Relative relief map of the fifth order basin no. 3	50
Fig. 5.1 d :	Relative relief map of the fifth order basin no. 4	50
Fig. 5.1 e :	Relative relief map of the fifth order basin no. 5	50
Fig. 5.1 f :	Relative relief map of the fifth order basin no. 6	50
Fig. 5.1 g :	Relative relief map of the fifth order basin no. 7	50
Fig. 5.1 h :	Relative relief map of the fifth order basin no. 8	50
Fig. 5.2 :	Topographic profile along coast; Bhatya creek to Vijaydurg creek	53