LIST OF TABLES

S. No.	Caption	Page No.
Table 2.1	Designated Best Use (DBU) of Inland Waters	9
Table 2.2	River Health Definition by Different Researchers	21
Table 2.3	Features of Three Pilot Studies in China	24
Table 2.4	Indicator Groups and Parameters in Pearl River, China	24
Table 2.5	Indicator Groups and Parameters in Liao River, China	25
Table 2.6	Groups and Indicators of Yellow River, China	28
Table 2.7	Biological Water Quality with Respect to Range of Diversity	
	and Saprobic Score	32
Table 2.8	Parameters Used for Some Works on River Health Assessme	nt 33-35
Table 3.1	Target and Critical Values for Parameters/ Indices	47
Table 3.2	Score of Parameters/Indices on 0-5 Scale	48
Table 3.3	Weightage of Indicator Groups	50
Table 3.4	Color Code and Pictorial Presentation for Indicator Group Sc	eores,
	River Health Index (RHI) and River Health Condition (RHC)	51
Table 4.1	Parameter/Index Score, Indicator Group Scores, RHI and	
	RHC for River Ganga Near Varanasi (India) (Sep 2016-May	2017
	and Sep 2017-May 2018)	57-58
Table 4.2	Cities and Sampling Locations on River Ganga From	
	Rishikesh to Patna	67

Table 4.3	Parameter/Index Score, Indicator Group Scores, RHI and		
	RHC from Rishikesh to Patna (2017-18)	68-71	
	(a) Post Monsoon (16 Sep 2017-15 Nov 2017)	68	
	(b) Winter (16 Nov 2017-15 Jan 2018)	69	
	(c) Spring (16 Jan 2018-15 Mar 2018)	70	
	(d) Summer (16 Mar 2018-15 May 2018)	71	
Table 4.4	Phased Intervention for Ganga River Health Improvement		
	from Rishikesh to Patna	85	
Table 4.5	Current Status and Likely Improvement in Health of River		
	Ganga from Rishikesh to Patna	87	
Table 4.6	Colored Pictorial Representation of Likely Improvement		
	in Health of River Ganga from Rishikesh to Patna	88-93	
Table A.1	Genus Based Algal Palmer Pollution Index (APPI)	122	
Table A.2	Biological Monitoring Working Party (BMWP) Score	123	
Table A.3	Observed Values of Parameters/Indices for River Ganga		
	near Varanasi (India)		
	(Sep 2016-May 2017and Sep 2017-May 2018)	124-125	
Table A.4	Observed Algal Genera for River Ganga near Varanasi (Indi	ia)	
	(Sep 2016-May 2017and Sep 2017-May 2018)	126-130	

Table A.5	Observed Macroinvertebrate Family for River Ganga near	
	Varanasi (India)	
	(Sep 2016-May 2017and Sep 2017-May 2018)	131-134
Table A.6	Observed Values of Parameters/Indices from	
	Rishikesh to Patna (2017-18)	135-138
	(a) Post Monsoon (16 Sep 2017-15 Nov 2017)	135
	(b) Winter (16 Nov 2017-15 Jan 2018)	136
	(c) Spring (16 Jan 2018-15 Mar 2018)	137
	(d) Summer (16 Mar 2018-15 May 2018)	138
Table A.7	Observed Algal Genera from Rishikesh to Patna (2017-18)	139-147
Table A.8	Observed Macroinvertebrate Family from Rishikesh	
	to Patna (2017-18)	148-155