

IIT Kanpur BMS Upgradation IO summary							
DESCRIPTION	NO OF Equipments	NO OF Equipments Soft Integration	DATA POINT TYPE				FIELD DEVICE
			DI	AI	DO	AO	
PLANT ROOM							
A	Primary WATER PUMPS	2					
1	Pump Start / Stop				4		Relay output @ 2 Amp., 230V & wiring from MCC
2	Pump Status		4				Water DP Switch
3	Pump - Manual / Auto Operator status		4				Wiring from MCC
B	Toat I/O points	2	8	0	4	0	
	Secondary WATER PUMPS	3					
1	Pump Start / Stop				4		Relay output @ 2 Amp., 230V & wiring from MCC
2	Pump Status		4				Water DP Switch
3	Room Temp Sensor + RH Sensor			10			Room Temp + RH Sensor
4	Secondary Pumps VFD Integration	1					Integrator
5	UPS Integration	1					Integrator
6	PAHU Integration	1					Integrator
7	CDU Integration	1					Integrator
8	Fire Alarm Panel Integration	1					Integrator
9	Expansion Tank with Degasser Panel	1					Integrator
10	Plate Heat Exchanger	1					Integrator
	Toat I/O points	7	4	10	4	0	