Typical BMS control schematic for controlling relative humidity in the chilled water fresh air handling unit is shown in fig. 502.15(2).

B. During humid condition, when the conditioned space is unoccupied and the cooling system is not operating for longer periods, infiltration may occur which may increase the moisture content in that space. This increase in moisture, may accelerate mold and microbial growth in that space. Hence this regulation requires the cooling system to be operated when the relative humidity exceeds the specified maximum threshold value. This is established by continuous monitoring of space temperature and RH condition through central BMS. The central BMS should be capable to automatically operate the supply air fan (AHU/FCU/VAV) and control chilled water flow, to keep the indoor RH below threshold limit at all periods.

Typical BMS control schematic for controlling relative humidity in the space through chilled water Fan coil unit is shown in fig. 502.15(3).

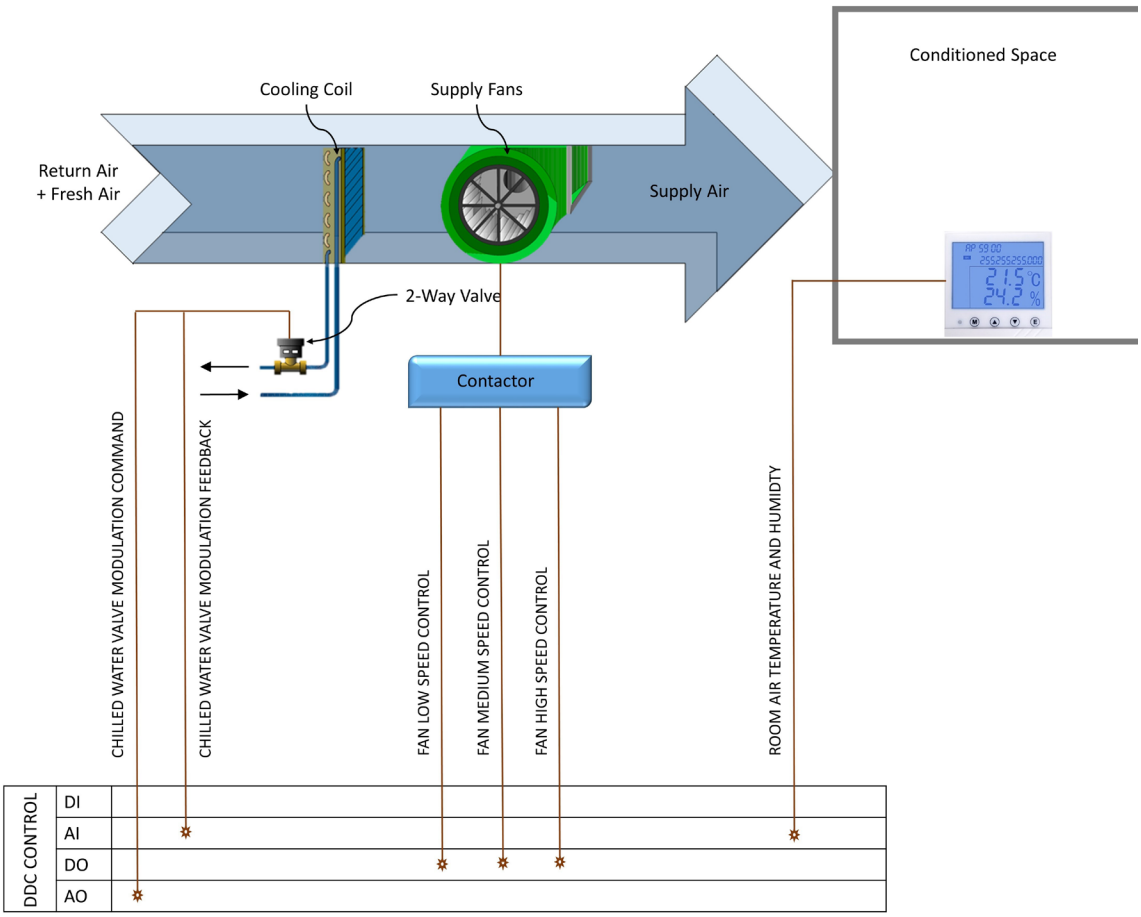

Fig. 502.15(3): Fan Coil Unit BMS Control Schematic