

# Radhasoami Dayal Ki Daya Radhasoami Sahai

## AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 4.7.2022

(BASED ON WHO GUIDELINES - 2021)

Permissible Limits (24 Hour Mean):  $PM_{10} = 45$ ;  $PM_{2.5} = 15$ , all units are in  $\mu g/m^3$

	<div>Date</div> <div>Today: July 4 – 3</div> <div>Yesterday</div> <div>July 3 – 2</div>	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									<div>Date</div> <div>Today: July 4 – 3</div> <div>Yesterday</div> <div>July 3 – 2</div>	SANJAY PLACE (ARITHMETIC MEAN DATA)								
		Concentration (µg/m³)		Meteorological Parameters								Concentration (µg/m³)		Meteorological Parameters						
		PM <sub>2.5</sub>	PM <sub>10</sub>	RH %	WS m/s	WD	T °C		SR W/m²	RF mm		PM <sub>2.5</sub>	PM <sub>10</sub>	RH %	WS m/s	WD	T °C		SR W/m²	RF mm
							Max	Min									Max	Min		
4 / 97	Today	15↓	25↓	80	2.3	SE	37.2	26.8	219	15	Today	23↓	50↑	70	1.6	NE	39	28.3	227	15.5
	Yesterday	07	15	78	2.2	E	38.1	26.1	215	28										
3 / 34	Today	22↓	29↓	80	2.3	SE	37.2	26.8	219	15	Yesterday	12	69	70	2.4	NNE	38.5	27	224	24.2
	Yesterday	09	15	78	2.2	E	38.2	26.1	215	28										
Science Faculty	Today	20↓	25↓	81	2.3	SE	36.7	26.8	219	15	Yesterday									
	Yesterday	10	14	78	2.1	E	38.8	26.1	215	28										

COLOUR-CODE:

Within WHO 2021 Limits

Outside WHO 2021 Limits

**Views of AQI Research Group:** In comparison to yesterday, the concentrations of both  $PM_{2.5}$  and  $PM_{10}$  have increased at all the three locations of Dayalbagh. Concentrations of  $PM_{2.5}$  are within the WHO permissible limits at Vidyut Nagar and outside the limits at Prem Nagar and Science Faculty. Concentrations of  $PM_{10}$  are within the WHO permissible limits at the three locations.

At Sanjay Place also, the concentrations of both  $PM_{2.5}$  and  $PM_{10}$  have increased and are outside the WHO permissible limits.

Higher AI & Robotics (Softbotics/Penn. State Quakers) Technology; needs to be deployed, with due Financial & Technological Support from [MNRE/IARI](#).  
Perused [By Way of Information Only](#).  
[Subject To Legalise/Legalese/"Laws of the Land"](#).

Monday, 04-07-2022, 06:04 PM  
Received, Monday, 04-07-2022, 01:06 PM

Since WHO (World Health Organization) Guidelines only provide a single value for permissible  $PM_{2.5}$  and  $PM_{10}$  pollutant concentrations and do not provide concentration bands for the different Air Quality Index (AQI) categories ranging from **Good to Hazardous for All**, as does the US EPA (United States Environmental Protection Agency), the Report 2 annexed based on US EPA norms may be referred to, for [Air Quality Index \(AQI\) & Water Quality Index \(WQI\) categories](#).