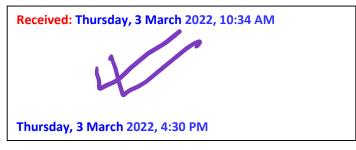
Radhasoami Dayal Ki Daya Radhasoami Sahai

AIR QUALITY MONITORING @ 40 FEET HEIGHT – Report Date: 3.3.2022 (BASED ON US-EPA AQI STANDARDS AND THE DAYALBAGH AQI COLOUR CODE)

Permissible Limits (24 Hour Mean): $PM_{10} = 150$; $PM_{2.5} = 35$, all units are in $\mu g/m^3$ Sampling Duration = 24 hrs (9:00 AM to 9:00 AM)

	Date	DAYALBAGH (TIME WEIGHTED AVERAGE DATA)									Date	SANJAY PLACE (ARITHMETIC MEAN DATA)								
	Today: March 3 - 2 Yesterday March 2 - 1	A	QI	Meteorological Parameters						Today:	AQI		(AKII	Meteorological Parameters						
		PM _{2.5}	PM ₁₀	RH %	WS m/s	WD	T °C		SR	RF	March 3 - 2 Yesterday March 2 - 1	PM _{2.5}	PM ₁₀	RH	ws	WD	T °C		SR*	RF
							Max	Min	W/m ²	mm	IVIGICII Z - I			%	m/s		Max	Min	W/m ² n	mm
4 / 97	Today	160	96	59	2.1	NE	31.7	15.7	106	0	Today	171	118	53	1.4	N	30.0	16.6	146	0
	Yesterday	151	78	60	1.9	ESE	29.4	13.9	93	0										
3 / 34	Today	164	82	62	2.1	NE	29.4	15.8	107	0										
	Yesterday	154	69	64	1.9	ESE	27.9	14.5	100	0										
Science	Today	162	82	65	2.1	NE	29.7	15.5	102	0	Yesterday	165	103	54	1.4	N	27.9	14.2	130	0
Faculty	Yesterday	154	67	66	1.9	ESE	27.3	13.9	95	0										

Remarks of Revered Chairman-ACE: * Solar radiation appears to be predominantly responsible for increase in AQI of both 'Sub-atomic particle sizes'.



Good -G

Moderate- M

Unhealthy for Sensitive Groups- US

Unhealthy for All-

Very Unhealthy for All-VUH

Hazardous for All- HZ

Hazardous for All-HZ

NOTE: 1 A continuous study conducted as part of Dayalbagh Sigma Six Qualities and Values Model implementation.

2 DEI is using United States Environmental Protection Agency (USEPA) methodology and online calculators to calculate AQI. For fair comparison with UPPCB Sanjay Place Weather Station readings,

their $PM_{2.5}$ concentration readings are fed in USEPA online calculator for AQI calculation

$$I = \frac{I_{\text{high}} - I_{\text{low}}}{C_{\text{high}} - C_{\text{low}}} * (C - C_{\text{low}}) + I_{\text{low}}$$

where, I = Air Quality Index, C=Pollutant Concentration (PM2.5), Clow=Concentration Breakpoint ≤C, Chigh=Concentration Breakpoint ≥C, Ilow=Index Break point corresponding to Clow, Ihigh=Index Breakpoint corresponding to Chigh