

College with Potential for Excellence (CPE) Status by UGC, Best College Award by SPPU in 2004 2017, Reaccredited by NAAC with "A++" Grade (CGPA- 3.79), Recipient of UGC STRIDE Scheme and UGC-PARAMARSH Scheme, DST-FIST Sponsored, DBT STAR College Status

## National Ambient Air Quality Monitoring Center (NAAQM)

Central Pollution Control Board is executing a nation-wide programme of ambient air quality monitoring known as National Air Quality Monitoring Programme (NAAQM). The network consists of 804 operating stations covering 344 cities/towns in 28 states and 6 Union Territories of the country.

The objectives of the N.A.M.P. are to determine status and trends of ambient air quality; to ascertain whether the prescribed ambient air quality standards are violated; to Identify Non-attainment Cities; to obtain the knowledge and understanding necessary for developing preventive and corrective measures and to understand the natural cleansing process undergoing in the environment through pollution dilution, dispersion, wind based movement, dry deposition, precipitation and chemical transformation of pollutants generated. Under N.A.M.P., four air pollutants viz., Sulphur Dioxide (SO<sub>2</sub>), Oxides of Nitrogen as NO<sub>2</sub>, Respirable Suspended Particulate Matter (RSPM / PM<sub>10</sub>) and Fine Particulate Matter (PM<sub>2.5</sub>) have been identified for regular monitoring at all the locations. The monitoring of meteorological parameters such as wind speed and wind direction, relative humidity (RH) and temperature were also integrated with the monitoring of air quality.

### Nashik Location Map



The monitoring of pollutants is carried out for 24 hours (4-hourly sampling for gaseous pollutants and 8-hourly sampling for particulate matter) with a frequency of twice a week, to have one hundred and four (104) observations in a year. College has operating these stations from last 27 years i.e. from 1996.

### List of Instruments available in the NAAQM

Sr. No.	Name of the Instrument	Number of Units
1	UV - Spectrophotometer	3
2	Weighing Balance	1
3	Magnetic Hot Plate Stirrer	1
4	Humidity / temperature meter	1
5	Oven	1
6	Fridge	1

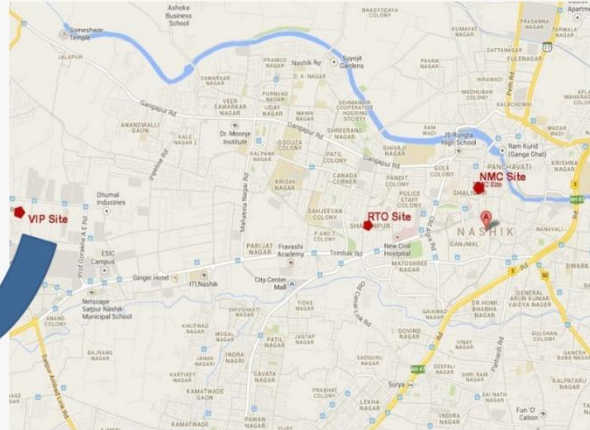
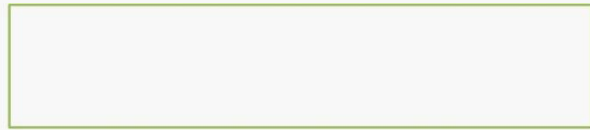
### Computers

Sr. No.	Name of the Instrument	Number of Units
1	All In one Desktop	2
2	DELL CORE I3 Laptop	1
3	HP LaserJet M1005 all-in-one monochrome	1



**RTO Residential Air Quality Monitoring Station Colony, Pandit Colony Nashik**

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**VIP Industrial Air Quality Monitoring Station at VIP Industries**

**NMC BUILDING, MIN ROAD, NASHIK**



<b>Latitude</b>	<b>: 20.002863</b>
<b>Longitude</b>	<b>: 73.789148</b>
<b>Height Of The Station</b>	<b>: 15 Meter</b>



**NMC- Commerical Area Air Quality Monitoring Station at NMC Building, Main Road, Nashik.**



**Udyog Bhavan Industrial Air Quality Monitoring Station at Satpur MIDC Area**



**Lab Porch Area**

### Analysis Area



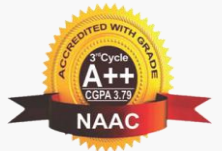
### Administrative Area



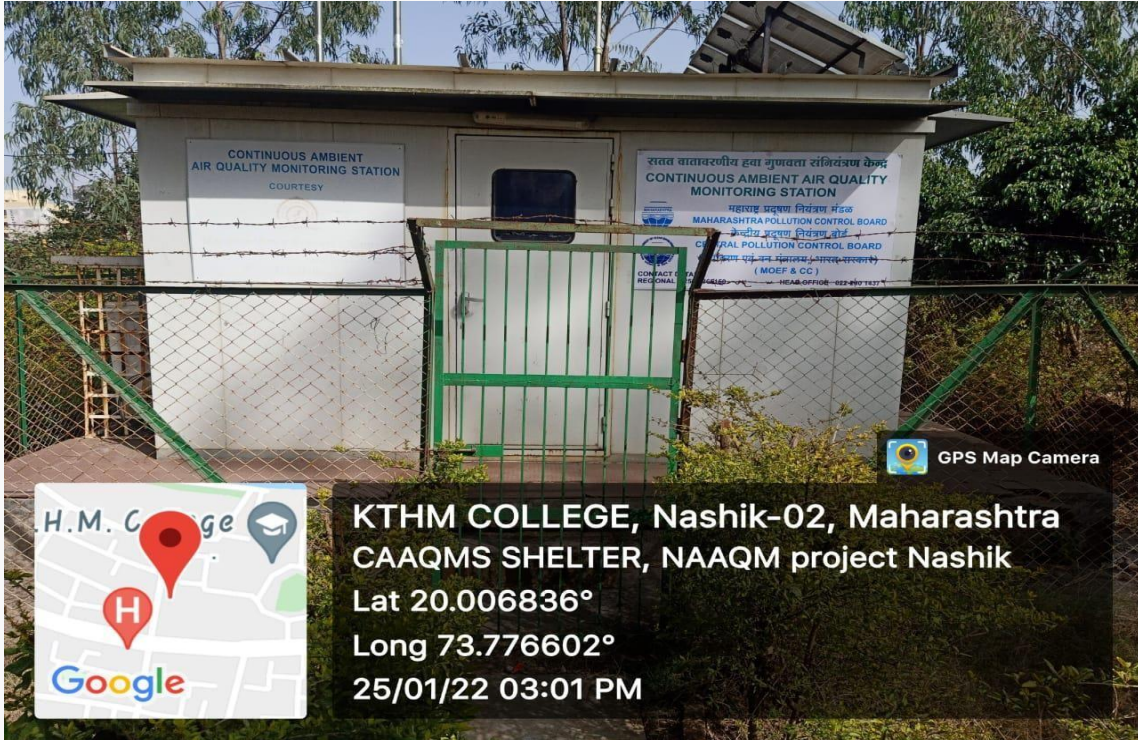
Maratha Vidya Prasarak Samaj's

**KRT Arts, BH Commerce and AM Science (K.T.H.M.) College, Nashik-422002**

Office:0253-2571376 Email: iqac@kthmcollege.ac.in



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### CAAQAM Station

Ambient Air Quality Monitoring Results are publicly available on the following websites.

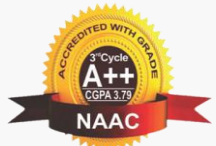
- <https://kthmcollege.ac.in/naaqm>
- <https://aqicn.org/city/india/nashik/gangapur-road/>
- <https://www.iqair.com/in-en/india/maharashtra/nashik>
- <https://www.accuweather.com/en/in/nashik/189304/air-quality-index/189304>
- <https://www.aqi.in/dashboard/india/maharashtra/nasik>
- <https://mpcb.gov.in/about-us/offices/nashik>



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**Gangapur Road, Nashik Air Pollution: Real-time Air Quality Index (AQI)**

**23 Good**  
Updated on Friday 15:00  
Primary pollutant: pm10

New Delhi US Embassy  
122 - Unhealthy for Sensitive Groups - Fri, 4PM

It seems that you are not located in Gangapur Road, Nashik, and that the closest city from your location is **Delhi**. Do you want to see the New Delhi US Embassy (नई दिल्ली अमेरिकी दूतावास) Air Quality Index instead?

**Co-ordinator**  
Internal Quality Assurance Cell (IQAC),  
KRT Arts, BH Commerce &  
AM Science (KTHM) College, Nashik - 2



**PRINCIPAL**  
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A.M. Science College, Nashik-2