



Dayanand Education Society

Latur, Maharashtra

&

Maharashtra Pollution Control

Board Mumbai



Maharashtra Pollution Control Board
महाराष्ट्र प्रदूषण नियंत्रण मंडळ

ATR

National/State Ambient Air Quality

Monitoring Project

(January 2024-2025)

By

Department Of Industrial Chemistry,

Dayanand Science College, Latur, Maharashtra,

Web: www.dsclatur.org Phono 9405417417



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

1. Name of the Department : Department Of Industrial Chemistry.

Dayanand science college,Latur.

2. Complete name/ title of the Activity: Ambient Air Quality Monitoring Project.

3. Dates or Duration (from-----to) : January 2024 to January 2025

4.Venue of the Event : Department Of Industrial Chemistry

5.Sponsor/Collaborations (if any:Dayanand Education Society &

Maharashtra Pollution Control Board Mumbai.

6. Level of the event (encircle) : State

7. Purpose / aim / objective and outcome of the event:

- 1) To measure air pollutants levels in different parts of Latur city.
- 2) To find out emission of SO_2 and NO_x by analysis.
- 3) To find out emission of Suspended particulate matter.
- 4) Pollution Control Board Maharashtra, has been study on the monthly report and prepared action plan regarding air pollution under the guidance of CPCB for Latur city.
- 5) Then they guided to authority of the Municipal corporation, to take precautions regarding air pollution under the observation of Regional Officer MPCB Aurangabad and Sub Regional Officer Latur.
- 6) This is financially helpful to student to complete their further education.
- 7) Students get the experience of Air pollution research while working on this project.

8) Beneficiaries / participants (Type/number, etc.):

Dayanand Education Society, all community of Latur city,Municipal corporation Latur & Maharashtra Pollution Control Board.



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25

Department Of Industrial Chemistry:

Dayanand Science College is one of the leading college in this region offering Industrial Chemistry at graduate level, The department has contribution in the progress of the college, The department has run the Air Quality Monitoring Project

Sponsored by Maharashtra Pollution Control Board Mumbai since 2008 to till

date. Hon President, Dayanand Education Society, Latur has given

responsibility of this project to Dr. A.M. Chougule, Head Of

Department, Industrial Chemistry Acting as a co-coordinator/Co-

Investigator from 30 April 2008 to till date along with one Junior

Scientific Assistant and three field Assistant under his head to carry out

analysis of Air sampling and Research Activity in the Department of Chemistry and

Industrial Chemistry.



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

(Reg. no. F- 13 Latur)

Dayanand Education Society, Latur.

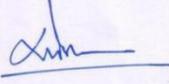
Ref. No.: 5/3/2008-03/6 Date: 30.04.2008

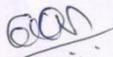
To,
Shri. Annarao M. Chougule,
Lecturer,
Dept. of Industrial Chemistry,
Dayanand Science College, Latur

Sub: Appointment as Co-coordinator/Co-Investigator on NAMP/SAMP Programme
Ref: MOU(SAMP/NAMP) Dated 20 Dec 2007

Sir,
We are pleased to inform you that you are appointed as a co-coordinator/co-investigator of NAMP/SAMP programme, in consequence of MOU signed by Dayanand Education Society and Maharashtra Pollution Control Board Mumbai .
Your duties are as follows:

- 1) To carry out analysis of the air sampling in the Department of Chemistry /Industrial Chemistry
- 2) To report Maharashtra Pollution Control Board result of data analysis of Air sampling after approval of coordinator
- 3) You have to undertake research programme on Air sampling
- 4) You have attended the meetings with MPCB as per schedule framed time to time and report principal Dayanand Science College Latur
- 5) Under your head three field assistant and one Junior scientific assistant are appointed to assist carry out above duties by Dayanand Education Society
- 6) You have to report regarding result and any query to Principal of Dayanand Science College, Latur.
- 7) Your appointment as Co-coordinator/Co-Investigator will be continued from 30/04/2008 to till further order.


Secretary
SECRETARY
Dayanand Education Society
LATUR


President
PRESIDENT
Dayanand Education Society,
LATUR

Copy

1. Member Secretary, Maharashtra Pollution Control Board
Mumbai,
2. Principal, Dayanand Science College, Latur.
3. Head, Dept. of Chemistry & Industrial Chemistry.



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

The student of Dayanand Science College B.Sc. & M.Sc. working under this project.

Presently Working Staff

Mr.N.S.Dhekane	JuniorScientificAssistant
Mr.Ghar O.N.	FieldAssistant
Mr.Pawar O.R.	FieldAssistant
Mr.Jadhav B.N.	FieldAssistant

Monitoring Stations covered to Latur city -

We operate High Volume Repairable Dust Sampler machine (RDS machine) at

three locations of Latur city

- These Monitoring stations are classified according to the rule**
- 1. Station A- Sensitive area- Dayanand Science College Latur.**
- 2.Station B- Commercial area- Bhalchandra Blood Bank Ganjgolai, Latur**
- 3. Station C- Industrial area - M.I.D.C. Water works, Latur**

Grant Received :

Grant received in this year (2024 to 2025) - 9,53,000 /-

(Nine Lack Fifty three thousand Rupee)



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

**Details of operation & Maintenance Charges for NAAQM/
SAAQM Programme**
Funded by Maharashtra Pollution Control Board Mumbai

Grant Received & Grant Utilized

Sr.No	Period	Grant Received	Grant Utilized
1	01.04.2008 TO 31.03.2009	4,91,000/-	4,91,035/-
2	01.05.2009 TO 30.10.2009	3,52,500/-	3,52,644/-
3	01.11.2009 TO 30.11.2010	6,81,000/-	7,01,010/-
4	01.12.2010 TO 30.11.2011	6,90,900/-	6,90,959/-
5	01.12.2011 TO 30.11.2012	6,90,900/-	6,91,028/-
6	01.12.2012 TO 30.11.2013	6,90,900/-	6,91,468/-
7	1.12.2013 TO 30.04.2014	2,87,875/-	2,88,252/-
8	01.05.2014 TO 31.03.2015	6,33,325/-	6,44,231/-
9	01.04.2015 To 31.03.2016	6,90,900 /-	6,98,834 /-
10	01.04.2016 To 31.03.2017	6,90,900 /-	6,99,712 /-
11	01.04.2017 To 31.03.2018	6,90,900 /-	6,91,178 /-
12	01.04.2018 To 31.03.2019	6,90,900 /-	6,91,904 /-



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

13	01.04.2019 To 31.03.2020	6,90,900 /-	6,98,177 /-
	Additional grant received for Purchasing RDS Machines	3,85,860 /-	3,85,860 /-
14	01.04.2020 To 31.03.2021	6,96,280 /-	6,96,280 /-
15	1.04.2021 to 31.09.2021	4,76,850 /-	4,76,850 /-
16	1.10.2021 to 31.03.2022	4,76,850 /-	4,76,850 /-
17	1.04.2022 to 31.09.2022	4,76,850 /-	4,76,850 /-
18	1.10.2022 to 31.03.2023	4,76,850 /-	4,76,850 /-
19	1.04.2023 to 31.09.2023	4,76,850 /-	4,76,850 /-
20	1.10.2023 to 31.03.2024	4,76,850 /-	4,76,850 /-
21	1.04.2024 to 31.09.2024	4,76,850 /-	4,76,850 /-
22	1.10.2024 to 31.03.2025	4,76,850 /-	4,76,850 /-
23	1.04.2025 to 31.09.2025	6,58,560 /-	6,58,560 /-
Total		1,35,28,400/-	1,35,85,932/-



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

Activities:

Sr.No.	Name of Activity	Beneficiary
1	<p>To measure air pollutants levels classified monitoring stations of Latur city</p> <p>Parameters; So₂, NO_x, RSPM, SPM & analyzed Data of Air sampling were Submitted online to Maharashtra Pollution Control Board, Mumbai Weekly and Monthly.</p>	<p>All Community of Latur city covered under this project.</p>
2	<p>To Attend Board Meeting, and implementation of rules and regulation framed by MPCB regularly.</p>	<p>Dayanand Education Society and Dayanand Science College, Latur</p>
3	<p>To Attend Municipal Corporation Meeting, and implementation of rules and regulation framed by MPCB regularly.</p>	<p>Dayanand Education Society and Dayanand Science College, Latur</p>
4	<p>To help sub regional officer, Implementation of Air Action Plan of Latur City.</p>	<p>Municipal Corporation, Latur and Dayanand Science College, Latur</p>
5	<p>Maintenance and Calibration of Monitoring Stations and RDS Machines</p>	<p>Dayanand Education Society and Dayanand Science College, Latur</p>
6	<p>Submission of Payment/Utilization Status and Utilization Certificate</p>	<p>Dayanand Education Society and Dayanand Science College, Latur</p>
7	<p>To conduct the Air Quality Awareness Practical For Industrial Chemistry Students</p>	<p>Industrial Chemistry students</p>



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25

Status: Overall Average Result From 2024 to 2025

Parameter	Station A (Dayanand Science College Latur)	Station B (Bhalchandra Blood Bank Latur)	Station C (M.I.D.C. latur)
SO ₂	Below the Normal Range of CPCB slandered	Below the Normal Range of CPCB slandered	Below the Normal Range of CPCB standard
NO _x	Below the Normal Range of CPCB slandered	Below the Normal Range of CPCB slandered	Below the Normal Range of CPCB standard
RSPM	Near Normal Range	Near Normal Range of CPCB slandered	Near of CPCB standard Normal Range
SPM	above normal range	Above normal range	Above normal range

Name of sampling Station-Residential
Dayanand Education Society, Latur Jan to Dec 2025

Month (Year-2025)	No. of Samples analyzed in month	SO ₂			NO _x			No. of Samples analyzed in month	RSPM			SPM		
		Min	Max	24 hr Avg.	Min	Max	24 hr Max. Ave.		Min	Max	24 hr Max. Ave.	Min	Max	24 hr Max. Ave.
January	48	6.0	12.0	8.7	16.0	28.0	21.4	24.0	54.0	65.0	59.0	82.0	94.0	88.6
February	48	4.0	12	8.7	11.0	26.0	20.9	24.0	53.0	64.0	59.0	71.0	93.0	86.3
March	54	6.0	16	9.2	15.0	30.0	23.0	27.0	52.0	65.0	60.0	81.0	93.0	86.0
April	54	6.0	17	11.1	22.0	30.0	25.8	27.0	52.0	66.0	59.0	76.0	90.0	81.7
May	48	6.0	12	8.8	21.0	29.0	24.8	24.0	57.0	63.0	60.0	87.0	93.0	89.9
June	54	3.0	13	7.6	17.0	28.0	22.2	27.0	53.0	64.0	59.0	82.0	93.0	88.704
July	54	2.0	7	4.5	11.0	22.0	16.2	27	54	60	57	82.0	91.0	87.778
August	48	2.0	7	3.7	12.0	19.0	15.1	24.0	53.0	61.0	57.0	79.0	90.0	85.3
September	30	2.0	6	3.5	10.0	16.0	13.2	15	54	61	57.0	83.0	89	85.47
October														
November														
December														
	Total No. of samples in year		24 hr Max. Ave		24 hr Max. Ave		Total No. of samples in year		24 hr Max. Ave		24 hr Max. Ave		24 hr Max. Ave	
			SO ₂		NO _x				RSPM		SPM			
			7.3		20.3				58.6		86.6			
		Limit	80µg/m ³	Limit	80µg/m ³				Limit	100µg/m ³				

Name of sampling Station-Commercial
Ganigolai Jan to Dec 2025

Month (Year-2025)	No. of Samples analyzed in month	SO ₂			NO _x			No. of Samples analyzed in month	RSPM			SPM		
		Min	Max	24 hr Max. Ave.	Min	Max	24 hr Max. Ave.		Min	Max	24 hr Max. Ave.	Min	Max	24 hr Max. Ave.
January	60	5.0	11.0	9.0	16.0	32.0	23.0	30.0	53.0	64.0	59.0	77.0	93.0	86.8
February	48	7.0	12.0	9.0	15.0	27.0	21.0	24.0	53.0	61.0	59.0	80.0	93.0	86.8
March	48	6.0	11.0	8.0	16.0	29.0	23.0	24.0	57.0	65.0	60.0	80.0	92.0	87.4
April	54	8.0	18.0	11.0	20.0	31.0	26.0	27.0	55.0	65.0	60.0	80.0	94.0	87.3
May	54	6.0	12.0	9.0	20.0	29.0	25.0	27	55.0	65.0	60.0	83.0	93.0	90.2
June	48	3.0	15.0	8.0	16.0	28.0	22.0	24.0	53.0	60.0	60.0	83.0	93.0	89.1
July	60	2.0	9.0	4.6	11.0	21.0	16.1	30	53	61	57	81.0	91.0	86.933
August	36	2.0	7.0	3.9	12.0	18.0	15.0	18	52.0	61.0	58.0	80.0	89.0	84.6
September	48	1.0	6.0	3.7	10.0	18.0	13.4	24	51.0	61.0	57.0	80.0	90.0	84.5
October														
November														
December														
	Total No. of samples in year		24 hr Max. Ave		24 hr Max. Ave		Total No. of samples in year		24 hr Max. Ave		24 hr Max. Ave		24 hr Max. Ave	
			SO ₂		NO _x				RSPM		SPM			
			7.3		20.5				59.0		87.1			
		Limit	80µg/m ³	Limit	80µg/m ³				Limit	100µg/m ³				



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25

Name of sampling Station-Industrial
MIDC Water Tank Jan to DEC 2025

Month (Year-2025)	No. of Samples analyzed in month	SO ₂			NO _x			No. of Samples analyzed in month	RSPM			SPM		
		Min	Max	24 hr Max. Ave.	Min	Max	24 hr Max. Ave.		Min	Max	24 hr Max. Ave.	Min	Max	24 hr Max. Ave.
January	54	3.0	11.0	7.1	13.0	29.0	23.6	27.0	51.0	71.0	61.0	70.0	93.0	81.9
February	48	4.0	11.0	7.9	14.0	29.0	21.7	24.0	50.0	71.0	57.3	70.0	92.0	77.8
March	54	5.0	13.0	8.5	16.0	28.0	22.8	27.0	58.0	65.0	60.6	82.0	92.0	88.6
April	48	8.0	14.0	11.0	20.0	32.0	26.0	24.0	60.0	69.0	63.0	88.0	101.0	93.0
May	60	6.0	13.0	9.1	21.0	29.0	24.6	30.0	57.0	66.0	61.2	87.0	94.0	90.7
June	48	2.0	13.0	8.0	16.0	29.0	22.3	24.0	55.0	64.0	60.0	84.0	94.0	89.5
July	48	2.0	8.0	4.9	12.0	21.0	17.1	24.0	53.0	61.0	57.0	83.0	91.0	87.7
August	54	2.0	6.0	3.9	11.0	19.0	15.2	27.0	51.0	61.0	58.0	84.0	90.0	87.3
September	36	2.0	5.0	3.5	9.0	18.0	13.3	18.0	52.0	62.0	58.0	81.0	90.0	85.1
October														
November														
December														
	Total No. of samples in year			24 hr Max. Ave			24 hr Max. Ave	Total No. of samples in year			24 hr Max. Ave			24 hr Max. Ave
				SO ₂			NO _x				RSPM			SPM
				7.1			20.3				59.6			86.8
				Limit			Limit				Limit			
				80µg/m ³			80µg/m ³				80µg/m ³			

20.7 59.6

Maharashtra Pollution Control Board DAYANAND EDUCATION SOCIETY, LATUR National/State Ambient Air Quality Monitoring Programme, Latur..

Sampling Location Address: Parameter Units
 State : Maharashtra SPM µg / m³
 City : Latur RSPM µg / m³

Dayanand
Education
Society, La

Station Code : Station/Residential Month : April Year : 2025

Sr. No.	Date	RSPM				SPM					
		06-14	14-22	22-06	8 hrs. Max	24 hrs. Ave	06-14	14-22	22-06	8 hrs. Max	24 hrs. Ave
1	04-01-2025	61	66	59	66	62	87	89	82	89	86
2	04-07-2025	57	64	61	64	61	76	80	80	80	78.667
3	04-08-2025	58	65	63	65	62	77	83	78	83	79.333
4	14/4/2025	54	52	61	61	55.67	83	78	82	83	81
5	15/4/2025	53	54	58	58	55	77	80	83	83	80
6	21/4/2025	60	63	60	63	61	81	80	79	81	80
7	22/4/2025	64	58	57	64	69.67	90	81	76	90	82.333
8	28/04/2025	60	59	54	60	58	83	89	80	89	86
9	29/04/2025	64	62	59	64	61.67	86	82	78	86	82

State Ambient Air Quality Monitoring Programme, Latur. DAYANAND EDUCATION SOCIETY, LATUR State Ambient Air Quality Monitoring Programme, Latur.

Sampling Location Address: Parameter Units
 State : Maharashtra SO₂ µg / m³
 City : Latur NO_x µg / m³

Dayanand
Education
Society, Latur

Station Code : Station Type : Residential Month : April Year : 2025

Sr. No.	Date	SO ₂								NO _x							
		06-10	10-14	14-18	18-22	22-02	02-06	4 hrs. Max	24 hrs. Ave	06-10	10-14	14-18	18-22	22-02	02-06	4 hrs. Max	24 hrs. Ave
1	04-01-2025	14	15	12	10	9	7	15	11.17	27	28	29	25	22	24	29	25.833
2	04-07-2025	14	15	13	11	11	10	15	12.33	30	28	26	25	26	22	30	26.167
3	04-08-2025	14	16	17	13	9	8	17	12.83	31	27	29	22	24	19	31	25.333
4	14/4/2025	16	14	15	9	12	9	16	12.5	27	29	25	28	27	24	29	26.667
5	15/4/2025	14	12	10	14	11	10	14	11.83	29	30	26	24	24	21	30	25.667
6	21/4/2025	11	12	13	10	11	10	13	11.17	27	29	28	27	26	22	29	26.5
7	22/4/2025	12	13	11	10	12	11	13	11.71	29	28	24	25	22	23	29	25.167
8	28/04/2025	9	8	6	10	7	5	10	8	27	25	30	24	22	23	30	25.167
9	29/04/2025	10	9	7	9	10	6	10	9	29	26	27	25	23	22	29	25.333

Maharashtra Pollution Control Board DAYANAND EDUCATION SOCIETY, LATUR State Ambient Air Quality Monitoring Programme, Latur.

Sampling Location Address: Parameter Units
 State : Maharashtra SO₂ µg / m³
 City : Latur NO_x µg / m³

B/Ganiqolai

Station Code : Station Type : Commercial Month : April Year : 2025

Sr. No.	Date	SO ₂								NO _x							
		06-10	10-14	14-18	18-22	22-02	02-06	4 hrs. Max	24 hrs. Ave	06-10	10-14	14-18	18-22	22-02	02-06	4 hrs. Max	24 hrs. Ave
1	04-02-2025	11	12	11	11	9	8	12	10	25	28	26	24	25	24	28	25.333
2	04-03-2025	12	13	10	11	10	9	13	10.8	27	29	25	24	22	20	29	24.5
3	04-08-2025	16	14	18	12	13	9	18	14	28	31	27	26	27	23	31	27
4	04-10-2025	17	12	14	13	15	11	17	13.7	29	29	28	26	24	20	29	26
5	16/4/2025	8	9	12	11	11	9	12	10	25	28	24	26	25	24	28	25
6	17/4/2025	11	10	13	9	8	11	13	10.3	24	25	27	30	29	23	30	26
7	23/04/25	10	11	12	12	10	13	13	11	25	25	28	24	22	23	28	25
8	24/04/25	11	11	9	12	10	8	12	10.2	23	26	24	28	30	29	30	27
9	30/04/2025	10	11	10	9	8	8	11	9	23	26	27	29	24	22	29	25



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25

Maharashtra Pollution Control Board
DAYANAND EDUCATION SOCIETY, LATUR
 National/State Ambient Air Quality Monitoring Programme, Latur.

Sampling Location Address:
 State : Maharashtra
 City : Latur

Parameter	Units
SPM	µg / m ³
RSPM	µg / m ³

Station Code : CJM.I.D.C. Station : Industrial Month : April Year : 2025

Sr. No.	Date	RSPM					SPM				
		06-14	14-22	22-06	8 hrs. Max	24 hrs. Ave	06-14	14-22	22-06	8 hrs. Max	24 hrs. Ave
1	04-04-2024	69	66	61	69	65	92	101	90	101	94.3333
2	04-05-2024	69	62	61	69	64	93	95	99	99	95.6667
3	04-11-2025	69	64	66	69	66	97	96	95	97	96
4	04-12-2025	62	66	61	66	63	97	90	90	97	92.3333
5	18/4/2025	62	60	60	62	61	91	88	96	96	91.6667
6	19/4/2025	65	66	61	66	64	94	90	89	94	91
7	25/04/25	61	63	66	66	63	92	91	95	95	92.6667
8	26/04/25	63	57	62	63	60.667	90	92	90	92	90.6667

State Ambient Air Quality Monitoring Programme, Latur.
DAYANAND EDUCATION SOCIETY, LATUR
 State Ambient Air Quality Monitoring Programme, Latur.

Sampling Location Address:
 State : Maharashtra
 City : Latur

Parameter	Units
SO ₂	µg / m ³
NO _x	µg / m ³

Station Code : CJM.I.D.C. Station Type : Industrial Month : April Year : 2025

Sr. No.	Date	SO ₂								NO _x							
		06-10	10-14	14-18	18-22	22-02	02-06	4 hrs. Max	24 hrs. Ave	06-10	10-14	14-18	18-22	22-02	02-06	4 hrs. Max	24 hrs. Ave
1	04-04-2024	12	10	10	9	9	8	12	10	29	26	27	24	22	20	29	25
2	04-05-2024	11	10	11	10	9	8	12	9.8	26	28	27	25	23	21	28	25
3	04-11-2025	14	9	11	12	10	11	14	11.167	29	26	24	23	27	23	29	25.333
4	04-12-2025	12	13	12	13	14	9	13	12.167	29	27	26	25	25	22	29	25.667
5	18/4/2025	9	10	12	11	9	8	12	8.8333	24	25	24	29	30	28	30	26.667
6	19/4/2025	10	12	11	9	8	9	12	8.8333	25	27	25	29	32	29	32	27.833
7	25/04/25	10	11	13	11	10	9	13	10.667	23	26	28	25	24	22	28	24.667
8	26/04/25	10	12	11	12	11	10	12	11	24	27	26	25	22	21	27	24.167

State Ambient Air Quality Monitoring Programme (NAMP)
 (Sanctioned By MPCB, Mumbai)
DAYANAND EDUCATION SOCIETY, LATUR-413512
 PM 2.5 Monitoring sheet

Station Address:- A) Dayanand Education tur. Station Type:- RESIDENTIAL Month & Year :- Aug. 2025
 From 04/08/2025 To 26/08/2025

Sr. No.	Date	Filter Number	Initial wt.	Final wt.	Diffrence	Total volume	PM2.5
1	4/8/2025	PM52585	0.22390	0.22560	0.00170	22.17	76.67
2	5/8/2025	PM52586	0.22570	0.22690	0.00120	16.99	70.61
3	11/8/2025	PM52591	0.22270	0.22420	0.00150	22.15	67.7
4	12/8/2025	PM52592	0.22470	0.22630	0.00160	22.98	69.6
5	18/8/2025	PM52897	0.22420	0.22560	0.00140	21.39	65.44
6	19/8/2025	PM52598	0.22460	0.22630	0.00170	22.33	76.13
7	25/8/2025	PM52853	0.22290	0.22450	0.00140	22.69	61.7
8	26/8/2025	PM52854	0.22660	0.22810	0.00150	23.36	64.2

69.00625

Mr. Dhekane N.S.
Jr. Scientific Asst.

Dr. A.M.Chougule
Project Coordinator

Dr. S.S.Bellale
Principal

State Ambient Air Quality Monitoring Programme (NAMP/)
 (Sanctioned By MPCB, Mumbai)
DAYANAND EDUCATION SOCIETY, LATUR-413512
 PM 2.5 Monitoring sheet

Sampling Station Address:- B)Bhalchandra Blood Bank, Ganjigolai,Latur. Station Type:- COMMERCIAL Month & Year :- Aug. 2025
 From 06/08/2025 To 28/08/2025

Sr. No.	Date	Filter Number	Initial wt.	Final wt.	Diffrence	Total volume	PM2.5
1	6/8/2025	PM52587	0.22760	0.22880	0.00180	23.13	77.83
2	7/8/2025	PM52588	0.22790	0.22930	0.00140	23.02	60.82
3	13/8/2025	PM52593	0.22740	0.22890	0.00150	23.71	63.27
4	14/8/2025	PM52594	0.22590	0.22750	0.00160	22.40	71.43
5	20/8/2025	PM52599	0.22400	0.22650	0.00150	23.29	64.39
6	21/8/2025	PM52600	0.22760	0.22920	0.00160	23.92	66.9
7	27/8/2025	PM52855	Note : Due to Heavy Rain Machine is not working				65.362
8	28/8/2025	PM52856	Note : Due to Heavy Rain Machine is not working				

Note : Due to Heavy Rain Machine is not working

Mr. Dhekane N.S.
Jr. Scientific Asst.

Dr. A.M.Chougule
Project Coordinator

Dr. S.S.Bellale
Principal



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

State Ambient Air Quality Monitoring Programme (NAMP/SAMP)

(Sanctioned By MPCB, Mumbai)

DAYANAND EDUCATION SOCIETY, LATUR-413512

PM 2.5 Monitoring sheet

Sampling Station Address:- C) Old M.I.D.C. Water tank,
Latur.

Station Type:-
INDUSTRIAL

Month & Year :-

Aug. 2025

From 01/08/ 2025 To 30/ 08 /2025

Sr. No.	Date	Filter Number	Intial wt.	Final wt.	Diffrance	Total volume	PM2.5
1	1/8/2025	PM52583	0.22560	0.22760	0.00200	23.59	84.77
2	2/8/2025	PM52584	0.22300	0.22510	0.00210	23.83	88.12
3	8/8/2025	PM52589	0.22540	0.22710	0.00170	23.54	72.21
4	9/8/2025	PM52590	0.22450	0.22630	0.00180	23.80	75.63
5	15/8/2025	PM52595	0.22600	0.22770	0.00170	23.62	71.98
6	16/8/2025	PM52596	Note : Due to Heavy Rain Machine is not working				
7	22/8/2025	PM52851	0.22700	0.22860	0.00160	23.78	67.28
8	23/8/2025	PM52852	0.22980	0.23130	0.00150	23.52	63.76
9	29/8/2025	PM52857	0.22470	0.22590	0.00120	21.53	55.7
10	30/8/2025	PM52858	0.22980	0.23120	0.00140	23.30	60

69.335

16/8/2025 Note : Due to Heavy Rain Machine is not working

Mr. Dhekane N.S.
Jr. Scientific Asst.

Dr. A.M.Chougule
Project Coordinator

Dr. S.S. Bellale
Principal



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

Sample Copy of Calibration Certificate:

(CIN - U74899DL1983PTC016927)

**Envirotech Instruments Pvt. Ltd.**
An ISO 9001:2000 certified company.
Manufacturers of Air Quality Monitoring Instruments

Regd. Off.: A-271, Okhla Industrial Area, Phase-I, New Delhi-110020, India
Tel: 26814139 / 26813887 Fax: 91 11 26811833 / 26810591 E-mail sales.envirotech@gmail.com Website : www.envirotechindia.com
28th April 2025

To,

Dr. A.M Chougule
Professor & Head
Dept. of Industrial Chemistry
Dayanand Science College - Latur
(Dayanand Education Society), Barshi Road,
Prakash Nagar, Latur - 413512 Maharashtra

Ph: +91- 09518706663
E-mail : namplatur@gmail.com

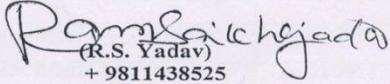
Sub: - Calibration Certificate
Ref: - Your Purchase order No. MPCB/JD(APC)/TB - 0081 Dated 25/10/2023 & Visit of our service engineer
Mr. Kailash Chandra on 11/12/2024

Dear Sir,

With reference to above, after expiry of calibration validity of instruments supplied through Maharashtra Pollution Control Board. We got it calibrated during 11/12/2024 and calibration certificates for the same are enclosed as per annexure attached.

Kindly acknowledge the receipt of these certificates.

Thanking you and assuring you our best attentions at all the times.

For Envirotech Instruments Pvt. Ltd

(R.S. Yadav)
+ 9811438525

Note : This is part of the terms and conditions of supply order wherein we (Envirotech Instruments Pvt Ltd) has to provide CAMC for 5 Years



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25



Envirotech Calibration Laboratory

A Division of Envirotech Instruments Pvt. Ltd.

Regd. Office : A-271, Okhla Industrial Area, Phase-I, New Delhi-110020, India Tel: 011-26812607, 26813887
 Fax: 011 26811833 E-mail : cal@envirotechindia.com Website : www.envirotechindia.com CIN: U74899DL1983PTC016927



Format No: ECL/QMS/F-31

Calibration Certificate

CERTIFICATE NUMBER	CALIBRATION DATE	DATE OF ISSUE	RECOMMENDED DATE FOR NEXT CALIBRATION
ECL/MPCB/2024-25/FLOW/7148	04/03/2025	05/03/2025	04/03/2026
ULR - C C 2 7 9 2 5 0 0 0 0 0 2 8 6 8 F			

Customer Name and Address:

Maharashtra Pollution Control Board-Latur
 C/O Dayanand Science College – Latur
 (Dayanand Education Society), Barshi Road,
 Prakash Nagar, Latur – 413512 (MS)

Page 1 of 1

Job Card No:- 2024-25/7148

SUMMARY

Date of Receipt	04/03/2025	Adjustment/Repair done in UUC	No
Unit Under Calibration	Flow Rate of Respirable Dust Sampler	Calibration Parameters	Flow Rate
Make	Envirotech	Range of U.U.C	0.6 to 1.5 (m ³ /min)
Model No.	APM 460 DXNL	Reference Equipment Used	Top Loading Calibrator
Serial No.	254 I 23	Calibration Medium	Air
ID No.	-	Calibration Method	USEPA IO 2.1 Method
Calibrated at	customer site	Procedure	ECL/P-12
Dates of Measurement	04/03/2025	Condition on Receipt	O.K

Environmental Condition of Measurements

Temperature (°C) 25 Relative Humidity (%) 52 Barometric Pressure(mbar) 981

Details of reference equipment used for calibration

All the following Reference Equipment used to calibrate UUC, are traceable to National standard

Calibrators Details	Make	Model & Serial No.	Certificate No. & Issue Date	Valid Up to
Top Loading Calibrator Calibrated at ECL, NEW DELHI	Envirotech	APM 421,124	ECL/ECL/2024-25/FLOW/2761 Dt. 14/08/2024	Dt:13/08/2025
Differential Pressure meter Calibrated at ECL New Delhi	Testo	510 51576468/1023	ECL/ECL/2024-25/FLOW/356 Dt. 23/04/2024	Dt. 22/04/2025

Discipline: Fluid Flow

Discipline Group: Air Flow Rate

RESULTS OF CALIBRATION(TABLE 1)

Sl. No	UUC		Reference	Error (UUC-Ref.)	Calibration Factor (Reference/UUC)	Expanded Uncertainty for (k=2) (± %)
	Set Point (m ³ /min)	Avg. Measured Flow Rate (Sm ³ /min)	Avg. Flow Rate in (Sm ³ /min)			
1	0.80	0.775	0.791	-0.017	1.022	1.970
2	0.90	0.872	0.880	-0.009	1.010	1.721
3	1.00	0.968	0.988	-0.019	1.020	1.600
4	1.10	1.065	1.089	-0.024	1.023	1.600
5	1.20	1.162	1.187	-0.025	1.022	1.600

Calibrated By:

Authorised/Reviewed By:

Dharambir
(Dharambir Singh)
(Calibration Engineer)

Dr. Balbir Singh
(Dr. Balbir Singh)
(Quality Manager)



Notes:

- All the instruments/Reference Calibrators used are traceable to national standards though reference standards and their calibrations are valid.
- Results presented in this Calibration Certificate relate only to the item/s mentioned & calibrated at Envirotech Calibration Laboratory.
- This Calibration Certificate shall not be reproduced except in full without written approval of Envirotech Calibration Laboratory.
- The uncertainties are for a confidence probability not less than 95%, unless or otherwise specified



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

Extension of Sanction for Financial Assistance :

MAHARASHTRA POLLUTION CONTROL BOARD

Phone: 4010437/4020781
/4037124/4035273
Fax: 24044532/4024068
/4023516
Website: <http://mpcb.gov.in>
E-mail: jdair@mpcb.gov.in



Kalpataru Point, 3rd & 4th floor,
Sion-Matunga Scheme Road No.
8, Opp. Sion Circle, Sion (East),
Mumbai - 400 022

No. MPCB/JD-APC/ NAMP/SAMP-Extn/ B- 0082

Date: 10/12/2024

OFFICE MEMORANDUM

Sub: Extension of Sanction for Financial Assistance for Operation and Maintenance (O&M) of the NAMP/SAMP stations in Maharashtra.

MPCB is implementing NAMP/SAMP in the state of Maharashtra. As decided in the 146th Board meeting, Board has involved educational Institutes in O & M of the NAMP stations. Board has already entered in MoU with these institutes for the O & M of the NAMP/SAMP stations. These stations are operated as per CPCB approved protocol and financial scheme and necessary budget provision are in place.

Board is pleased to extend the period of O & M sanction order for the following NAMP/SAMP stations to the respective operating educational institutes as per the period mentioned below: -

Sr. No (01)	Name of the City (02)	No. of NAMP/ SAMP station (03)	Name of Institute operating the Stations (04)	Due date of Extension (05)	Period of Extension (06)
1.	Aurangabad	03	SBES College, Aurangabad	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
2.	Navi Mumbai	06	KBP College, Vashi (Modern College)	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
3.	Ulhasnagar	02	Smt. CHM College, Ulhasnagar	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
4.	Badlapur	01			1 st Jan 2025 - 31 st Dec '2025
5.	Ambernath	01			1 st Jan 2025 - 31 st Dec '2025
6.	Dombivali	02			1 st Jan 2025 - 31 st Dec '2025
7.	Tarapur	03	Smt. CHM College, Ulhasnagar	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
8.	Jalna	02	Badrinath Barwale Maha Vidhyalaya, Jalna	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
9.	Nagpur	04 (3M+1D)	VNIT, Nagpur	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
10.	Akola	03	College of Engineering and Technology, Akola	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
11.	Amravati	03	Govt. college of Engineering, Amravati	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
12.	Sangli	03	Walchand College of Engineering, Sangli	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025

10/12/24

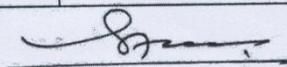


Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25

13.	Chandrapur+ Wani	09 (6+3)	Rajiv Gandhi College of Engineering Research & Technology, Chandrapur.	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
14.	Pune	04 (3M+1D)	University of Pune.	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
15.	Kolhapur	03	Shivaji University, Kolhapur	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
16.	Solapur	02	Walchand Institute of Technology Campus, Solapur	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
17.	Latur	03	Dayanand education society, Latur	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
18.	Nashik	04 (3M+1D)	KTHM College, Nashik.	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
19.	Thane	03	Thane Municipal Corporation	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
20.	Jalgaon	03	School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon.	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
21.	Bhiwandi	02	Bhiwandi Nizampur Municipal Corporation.	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
22.	Kalyan	01			1 st Jan 2025 - 31 st Dec '2025
23.	Nanded	03	Indira Gandhi Senior College, CIDCO, Nanded.	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
24.	Roha	02	Smt. Geeta Tatkare Polytechnic, Roha	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
25.	Lote	02	D.B.J College, Chiplun	31 st Dec'2024	1 st Jan 2025 - 31 st Dec '2025
26.	Ratnagiri	02	Ratnagiri Sub-centre of Mumbai University,	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
27.	Solapur	02	N.K. Orchid College of Engineering, Solapur	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
28.	Barshi	03	N.K. Orchid College of Engineering, Solapur	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
29.	Pandharpur	01		31 st Dec'2024	1 st Jan,25- 31 st Dec,25
30.	Osmanabad	03		31 st Dec'2024	1 st Jan,25- 31 st Dec,25
31.	Gadchiroli	01	RCERT, Chandrapur	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
32.	Bhadravati	01		31 st Dec'2024	1 st Jan,25- 31 st Dec,25
33.	Gondia	03	MIET, Gondia	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
34.	Wardha	03	DMIETR, Wardha	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
35.	Wadi	01	VNIT, Nagpur	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
36.	Kamptee	01		31 st Dec'2024	1 st Jan,25- 31 st Dec,25


 1/1/2025

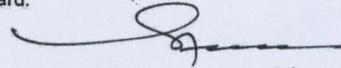


Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

37.	Parbhani	03	Shri. Shivaji College, Parbhani	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
38.	Basmath	01		31 st Dec'2024	1 st Jan,25- 31 st Dec,25
39.	Parli	01		31 st Dec'2024	1 st Jan,25- 31 st Dec,25
40.	Satara	03	KBP College of Engineering, Satara	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
41.	Bhusawal	03		North Maharashtra University, Jalgaon	31 st Dec'2024
42.	Nandurbar	03	G.T. Patil College, Nandurbar	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
43.	Udgir	03	Udayagiri Vidyalaya, Udgir	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
44.	Bhiwandi	01	Bhiwandi Municipal Corporation	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
45.	Bhandara	01	VNIT, Nagpur	31 st Dec'2024	1 st Jan,25- 31 st Dec,25
	Total	114			

The terms and conditions of the MoU and earlier sanction letter / work order will remain the same, except, the O & M Charges will be released by MPCB in accordance to the revised O&M charges for NAMP vide CPCB letter dated 03.09.2024.

This is issued with the approval of Member Secretary, MPC Board.


(Dr.V.M. Motghare)
Joint Director, APC [12/12/2024]

Copy submitted to: CAO, MPC Board, Sion, Mumbai – For record and disbursement of the grant to the respective Regional Offices.

Regional Office - Aurangabad, Amravati, Chandrapur, Kalyan, Kolhapur, Nashik, Navi Mumbai, Nagpur, Pune, Raigad, Thane – For record and further disbursement of grant to the respective Institutes / Govt. agencies.

Copy for information to : All Operating institutes mentioned in column 04 above.

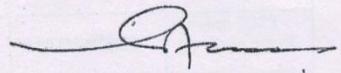


Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

Sr. No	Name of the City	No. of NAMP/ SAMP station	Operated by	Due date of Extension	Extension given from/upto
14.	Pune	4 (3M+1D)	University of Pune.	31 st Dec'2022	1 st Jan '2023 - 31 st Dec '2023
15.	Kolhapur	3	Shivaji University, Kolhapur	31 st Dec'2022	1 st Jan '2023 - 31 st Dec '2023
16.	Solapur	2	Walchand Institute of Technology Campus, Solapur	31 st Dec'2022	1 st Jan '2023 - 31 st Dec '2023
17.	Latur	3	Dayanand education society, Latur	31 st Dec'2022	1 st Jan '2023 - 31 st Dec '2023
18.	Nashik	4 (3M+1D)	KTHM College, Nashik.	31 st Dec'2022	1 st Jan '2023 - 31 st Dec '2023
19.	Thane	3	Thane Municipal Corporation	31 st Dec'2022	1 st Jan '2023 - 31 st Dec '2023
20.	Jalgaon	3	School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon.	31 st Dec'2022	1 st Jan '2023 - 31 st Dec '2023
21.	Bhiwandi	2	Bhiwandi Nizampur Municipal Corporation.	31 st Dec'2022	1 st Jan '2023 - 31 st Dec '2023
22.	Kalyan	1			1 st Jan '2023 - 31 st Dec '2023
23.	Nanded	3	Indira Gandhi Senior College, CIDCO, Nanded.	31 st Dec'2022	1 st Jan 2023 - 31 st Dec '2023
24.	Roha	2	Smt. Geeta Tatkare Polytechnic, Roha	10 th Sep' 2022	11 th Sept'2022- 31 st Dec'2023
25.	Lote	2	D.B.J College, Chiplun	26 th Oct, 2022	27 th Oct'2022 - 31 st Dec'2023

The terms and conditions of the MoU and earlier sanction letter / work order will remain the same, except, the O & M Charges will be released by MPCB after review of NAMP / SAMP committee of respective Regional Offices.

This is issued with the approval of Member Secretary, MPC Board.


(Dr.V.M. Motghare) 12/12/2022
Joint Director, APC

Copy submitted to: CAO, MPC Board, Sion, Mumbai – For disbursement of the grant to the respective Regional Offices.

Regional Office - Aurangabad, Amravati, Chandrapur, Kalyan, Kolhapur, Nashik, Navi Mumbai, Nagpur, Pune, Raigad, Thane – For further disbursement of grant to the respective Institutes / Govt. agencies.

Copy for information to: SBES College Aurangabad, KBP College Vashi (Modern College) Navi Mumbai, Smt. CHM College Ulhasnagar, Badrinath Barwale Maha Vidhyalaya, Jalna, VNIT Nagpur, College of Engineering and Technology Akola, Govt. college of Engineering Amravati, Walchand College of Engineering Sangli, Rajiv Gandhi College of Engineering Research & Technology Chandrapur, University of Pune, Shivaji University Kolhapur, Walchand Institute of Technology Solapur, Dayanand Education Society Latur, KTHM College Nashik, Thane Municipal Corporation, School of Environmental & Earth Sciences, North Maharashtra University Jalgaon, Bhiwandi Nizampur Municipal Corporation, Smt. Geeta Tatkare Polytechnic Roha , D.B.J College Chiplun.



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25

Photo:



**Shri.AmolyawhareandShri.O.N.GharChangingFilterPaperforRSPMatMonitoringStation
A Dayanand Science College Latur.**



**Shri.AmolyawhareandShri.O.N.GharchangesfilterpaperonRDSmachineatMonitoringStation
onB Bhalkhandra Blood Bank Gandhi Market Latur.**



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25



Latur, Maharashtra, India 🇮🇳
4, Latur, Maharashtra 413531, India
Lat 18.411826° Long 76.541512°



Latur, Maharashtra, India 🇮🇳
4, Latur, Maharashtra 413531, India
Lat 18.411838° Long 76.54151°

Shri.Jadhav Balwant Changing Filter Paper for RSPM at Monitoring Station C MIDC Old Water tank, Latur.



Latur, Maharashtra, India 🇮🇳
Ch24+gmf, Prakash Nagar, Latur, Maharashtra 413531, India
Lat 18.401249° Long 76.556819°



Latur, Maharashtra, India 🇮🇳
Ch24+gmf, Prakash Nagar, Latur, Maharashtra 413531, India
Lat 18.401225° Long 76.556819°

Mr.N.S.DhekaneworkinginNAAQMP/SAAQMLaboratoryat Dayanand Science College Latur.



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25



Dr.A.M.Chougule explain about the NAMP Project to Gujrat Delegates.



Dr.A.M.Chougule explain about the NAMP Project to Gujrat Delegates.



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2024-25



Dr.A.M.Chougule explains the working of PM 10 & PM 2.5 Machine & information about NAMP Project to Mr.Ramnath Patil, Research Head.



y



Students Visited To NAMP Station & Taking Training about Monitoring Air Quality



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2024-25

Publishing articles	Analysis of ambient air quality status of Latur city using different parameters Published in International Conference on Chemistry for Society, Health, Industries and Pharmacy (ICCSHIP 2025)
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NAMP Placement of Working Students :

- (1) **Mr. Shinde Pawan Dhondiba** is presently working as **Research Associate** at **Hetero Research Foundation, Hyderabad .**
- (2) **Mr. Amol Vyawahare** is presently working as **PG Teacher** at **PM Shri Jawahar Navodaya Vidyalay Sindhudurg.**

Head Of Department

Industrial Chemistry

IQAC Co-ordinator

IQAC - Coordinator
Dayanand Science College
Latur, M.S. (INDIA)

I/C Principal

Dayanand Science College, Latur

IC Principal
Dayanand Science College
Latur