



Dayanand Education Society

Latur, Maharashtra

&

Maharashtra Pollution Control Board

Mumbai



ATR

National/State Ambient Air Quality

Monitoring Project

(January 2021-2022)

By

Department Of Industrial Chemistry,

Dayanand Science College, Latur, Maharashtra,

Web: www.dsclatur.org Phone no 9405417417



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2021-22

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. **Date or Duration (from-----to) :** January 2021 to January 2022
4. **Venue of the Event :** Department of Industrial Chemistry
5. **Sponsor/Collaborations (if any) :** Dayanand Education Society, Dayanand Science College, Latur, & 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 pollutant levels in different parts of Latur city.
- 2) To find out emission of SO₂ 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.): All community of Latur city, Dayanand

Education Society, Municipal corporation Latur & Maharashtra Pollution Control Board.



Dayanand Science College, Latur.
Department of Industrial Chemistry
Events organized during the academic year 2021-22

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.
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(Reg. no. F- 13 Latur)

Dayanand Education Society, Latur.

Ref. No.: 5/3/2008-09/6 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.

President :
Laxmiraman Lahoti

Vice-president :
Arvind Sonwane
Lalitbhai Shah
Rameshkumar Rathi

Secretary :
Ramesh Biyani

Joint Secretary :
Suresh Jain

Asst. Secretary :
Ramrao Patil
Adv. Shrikant Utage

Treasurer :
Sanjay Bora





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

Mr. Swami A.R.	Junior Scientific Assistant
Mr. Vyawahare A.M.	Field Assistant
Mr. More P.M.	Field Assistant
Mr. Bansude N.V.	Field Assistant

Presently Working Staff

Monitoring Stations covered to Latur city

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

Grant Received: Grant received in this year (2021 to 2022) - 9,53,000/- (Nine

Lack Fifty three thousand Rupee)

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/-



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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 /-
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 /-
Total		1,04,85,590/-	1,05,43,122/-



Dayanand Science College, Latur.
Department of Industrial Chemistry
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Activities of NAMPP Project:

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>	All Community of latur city covered under this project.
2	To Attend Board Meeting, and implementation of rules and regulation framed by MPCB regularly.	Dayanand Education Society and Dayanand Science College, Latur
3	To Attend Municipal Corporation Meeting, and implementation of rules and regulation framed by MPCB regularly.	Dayanand Education Society and Dayanand Science College, Latur
4	To help sub regional officer, Implementation of Air Action Plan of Latur City.	Municipal Corporation, Latur and Dayanand Science College, Latur
5	Maintenance and Calibration of Monitoring Stations and RDS Machines	Dayanand Education Society and Dayanand Science College, Latur
6	Submission of Payment/Utilization Status and Utilization Certificate	Dayanand Education Society and Dayanand Science College, Latur
7	To conduct the Air Quality Awareness Practical For Industrial Chemistry Students	Industrial Chemistry students



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2021-22

Status: Overall Average Result From 2021 to 2022

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	Below Normal Range of CPCB slandered	Slightly Below of CPCB standard Normal Range
SPM	above normal range	Above normal range	Below normal range

Sample copy of result-

Name of sampling Station-Residential

Dayanand Education Society, Latur Jan to Dec 2021 2022

Month (Year-2022)	No. of Samples analyzed in month	SO ₂			Nox			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	48	6.0	12	8.3	17.0	29.0	21.8	24.0	58.0	65.0	62.0	79.0	87.0	82.0
February	48	6.0	8.0	8.4	17.0	29.0	22.0	24.0	57.0	65.0	62.0	76.0	88.0	83.0
March	54	6.0	14	8.7	17.0	29.0	22.3	27.0	59.0	67.0	63.0	91.0	81.0	84.9
April	48	7.0	16	10.3	18.0	30.0	22.5	24.0	61.0	68.0	64.0	82.0	91.0	86.3
May	60	7.0	20	12.1	17.0	31.0	22.2	30.0	65.0	73.0	68.0	86.0	98.0	91.1
June	48	7.0	13	8.4	12.0	20.0	15.5	24.0	62.0	70.0	66.0	81.0	93.0	86.7
July	48	5.0	10	7.1	9.0	17.0	12.3	24	40	61	48	55.0	80.0	68.7
August	60	5.0	10	7.0	9.0	17.0	13.0	30.0	35.0	59.0	50.0	55.0	82.0	71.0
September	48	5.0	10	7.0	9.0	17.0	13.0	24	35	60	51.0	55.0	82	75
October	54	5.0	11	8	8.0	16.0	13	27.0	30.0	70.0	56.0	50.0	101.0	79.0
November	54	4.0	10	10.0	9.0	16.0	24.0	27.0	39.0	61.0	62.0	57.0	84.0	84.0
December	48	5.0	14	9.5	9.0	18.0	13.5	24.0	39.0	63.0	51.0	60.0	90.0	75.0
	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
						NO _x					RSPM			SPM
				8.7		17.9					58.6			80.5
				Limit 80µg/m ³		Limit 80µg/m ³					Limit 100µg/m ³			

Name of sampling Station-Commercial

Ganjigolai Jan to Dec 22

Month (Year-2022)	No. of Samples analyzed in month	SO ₂			Nox			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	48	6.0	11.0	8.0	19.0	26.0	22.0	24.0	54.0	68.0	61.0	75.0	95.0	85.0
February	48	6.0	11.0	8.0	19.0	26.0	23.0	24.0	53.0	68.0	61.0	72.0	95.0	83.8
March	60	6.0	11.0	8.0	19.0	26.0	23.0	30.0	55.0	68.0	62.0	76.0	95.0	84.9
April	48	7.0	17.0	11.0	20.0	31.0	24.0	24.0	63.0	74.0	69.0	85.0	108.0	95.5
May	48	7.0	18.0	12.0	17.0	35.0	25.0	24	65.0	80.0	71.0	86.0	108.0	96.3
June	60	6.0	13.0	7.7	13.0	24.0	17.0	30.0	50.0	79.0	99.0	69.0	99.0	82.7
July	48	5.0	10.0	7.0	8.0	16.0	12.0	24	38	7	49	55.0	80.0	68.7
August	54	5.0	10.0	7.0	10.0	17.0	13.0	27	38.0	65.0	54.0	55.0	81.0	70.0
September	54	5.0	9.0	7.0	10.0	17.0	13.0	27	35.0	64.0	54.0	54.0	84.0	74.0
October	48	4.0	11.0	8	7.0	18.0	14	24.0	37.0	64.0	59.0	54.0	85.0	75.0
November	54	5.0	10.0	8.0	7.0	16.0	13.0	27	39.0	68.0	59.0	59.0	89.0	78.0
December	54	5.0	16.0	10.5	9.0	19.0	14.0	27.0	47.0	67.0	57.0	62.0	95.0	78.5
	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
						NO _x					RSPM			SPM
				8.5		17.8					59.6			81.0
				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 2021-22

Name of sampling Station-Industrial

MIDC Water Tank Jan to DEC 2022

Month (Year-2022)	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	4.0	7.0	5.8	11.0	15.0	13.0	27.0	45.0	63.0	55.0	70.0	95.0	81.1
February	48	5.0	8.0	6.2	12.0	15.0	13.7	24.0	49.0	68.0	58.0	69.0	104.0	87.0
March	48	5.0	9.0	6.8	11.0	16.0	13.8	24.0	49.0	68.0	58.0	69.0	106.0	87.6
April	48	5.0	10.0	7.6	12.0	21.0	16.5	24.0	52.0	68.0	60.0	75.0	105.0	90.3
May	48	5.0	10.0	7.2	12.0	20.0	15.9	24.0	49.0	70.0	59.3	76.0	105.0	94.2
June	48	5.0	10.0	6.7	12.0	20.0	15.2	24.0	52.0	67.0	55.0	65.0	98.0	80.1
July	60	5.0	10.0	6.8	9.0	17.0	11.9	30.0	38.0	60.0	49.0	50.0	80.0	66.8
August	48	6.0	10.0	7.0	9.0	18.0	15.0	24.0	36.0	59.0	53.0	54.0	80.0	73.0
September	54	5.0	9.0	7.0	9.0	17.0	13.0	27.0	35.0	59.0	49.0	54.0	80.0	67.0
October	54	4.0	10.0	7.4	4.0	16.0	12	27.0	36.0	75.0	53.0	58.0	97.0	77.0
November	48	5.0	9.0	7.0	9.0	17.0	14.0	24.0	35	59	51	57.0	91.0	76.0
December	60	4.0	12.0	8.0	9.0	19.0	14.0	30	31	68	49.5	55.0	92.0	73.5
	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	
			6.9		14.0				54.2				79.5	
		Limit	80µg/m ³		80µg/m ³				Limit	80µg/m ³				

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

A) Dayanand Education Society, Latur. Station : Residential Month : April Year : 2022
Station Code :

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	04-04-2022	65	68	63	68	65	86	90	85	90	87
2	04-05-2022	64	66	62	66	64	85	89	82	89	85.333
3	04-11-2022	65	67	63	67	65	88	91	85	91	88
4	04-12-2022	63	65	61	65	63	85	88	80	88	84.333
5	18/4/2022	65	67	64	67	65	87	91	85	91	87.667
6	19/4/2022	63	64	61	64	62.67	85	89	81	89	85
7	25/4/2022	64	66	62	66	64	87	91	83	91	87
8	26/4/2022	65	67	62	67	64.67	87	91	82	91	86.667

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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

A) Dayanand Education Society, Latur. Station Type : Residential Month : April Year : 2022
Station Code :

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	04-04-2022	8	7	15	16	9	8	16	10.5	18	19	28	29	19	18	29	21.833
2	04-05-2022	8	7	14	15	8	9	15	10.17	19	18	29	30	20	19	30	22.5
3	04-11-2022	7	8	15	16	9	8	16	10.5	18	19	28	29	21	20	29	22.5
4	04-12-2022	7	8	15	16	8	9	16	10.5	20	21	28	28	20	21	28	23
5	18/4/2022	8	7	15	14	9	8	15	10.17	19	20	29	28	21	20	29	22.833
6	19/4/2022	7	8	15	16	8	7	16	10.17	19	20	27	28	19	18	28	21.833
7	25/4/2022	8	7	14	15	8	7	15	9.833	20	19	28	29	20	19	29	22.5
8	26/4/2022	8	8	16	15	7	8	16	10.33	20	21	29	28	21	18	29	22.833

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

B) Ganjigolai Station Type : Commercial Month : April Year : 2022
Station Code :

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	04-06-2022	67	70	65	70	67	91	99	86	99	92
2	7/4/2022	66	69	63	69	66	91	101	85	101	92.333
3	13/4/2022	68	71	65	71	68	92	103	88	103	94.333
4	14/4/2022	67	70	66	70	68	90	101	90	101	93.667
5	20/4/2022	70	74	67	74	70.33	96	105	91	105	97.333
6	21/4/2022	71	74	69	74	71	97	106	93	106	98.667
7	27/4/2022	70	73	67	73	70	95	105	95	105	98.333
8	28/4/2022	71	74	66	74	70.33	94	108	90	108	97.333



Dayanand Science College, Latur.

Department of Industrial Chemistry

Events organized during the academic year 2021-22

Maharashtra Pollution Control Board
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 : B/Ganipolai Station Type: Commercial Month: April Year: 2022

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	04-06-2022	8	9	13	15	11	7	15	11	20	22	29	30	21	18	30	23
2	7/4/2022	8	10	12	16	10	7	16	10.5	21	23	28	29	21	18	29	23
3	13/4/2022	9	12	14	16	12	7	16	12	22	24	29	31	22	19	31	25
4	14/4/2022	8	11	14	16	9	7	16	10.8	21	23	29	30	20	18	30	24
5	20/4/2022	9	10	14	17	8	7	17	11	23	24	29	31	24	20	31	25
6	21/4/2022	8	10	14	16	10	7	16	10.8	22	23	29	31	23	19	31	25
7	27/4/2022	9	12	14	17	11	8	17	12	23	26	29	32	24	22	32	26
8	28/4/2022	9	11	15	16	11	8	16	11.7	22	23	29	30	24	21	30	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: 2022

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	04-08-2022	52	59	55	59	55	81	91	79	91	83.6667
2	04-09-2022	61	64	56	64	60.333	89	99	82	99	90
3	15/04/2022	65	68	59	68	64	95	103	88	103	95.5
4	16/04/2022	59	63	57	63	59.667	87	95	82	95	88
5	22/04/2022	63	67	54	67	61	95	103	78	103	92
6	23/04/2022	60	62	52	62	58	86	91	75	91	84
7	29/04/2022	63	67	58	67	63	98	105	87	105	96.6667
8	30/04/2022	60	66	59	66	61.667	90	101	88	101	93

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: 2022

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	04-08-2022	7	8	9	8	5	5	9	7	15	17	19	18	14	12	19	15.833
2	04-09-2022	6	7	8	9	6	5	9	6.8333	13	15	18	20	17	12	20	15.833
3	15/04/2022	8	9	10	11	9	6	11	8.8333	16	18	20	21	19	15	21	18.167
4	16/04/2022	7	8	9	10	7	6	10	7.8333	15	16	18	19	16	12	19	16
5	22/04/2022	8	9	10	9	8	5	10	8.1667	13	15	18	20	19	12	20	16.167
6	23/04/2022	7	8	9	10	7	5	10	7.6667	14	17	18	19	18	14	19	16.667
7	29/04/2022	7	8	9	10	7	6	10	7.8333	15	17	18	20	19	14	20	17.167
8	30/04/2022	6	8	8	9	7	6	9	7.3333	14	16	18	20	17	12	20	16.167



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Calibration Certificate:

 **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
09th November, 2022

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

Phone: +91- 09518706663
Email: namplatur@gmail.com

Subject: - Servicing & Calibration of Respirable Dust Sampler - 03 Nos.
Ref: - Your Ref. No. /2021-22/ Dated 24/07/2021 & Email Dated 13/09/2022

Dear Sir,

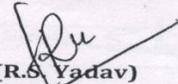
With reference to above, our service engineer Mr. Kailash Chandra visited your office during 13-24/09/2022 and completed the servicing/calibration of your instruments.

We thank you for the cooperation and courtesy extended to our service engineer and happy to note that your work has been completed successfully upto your satisfaction. Enclosed herewith please find the following calibration certificates for the following calibrated instruments.

1. Respirable Dust Sampler APM 460 DXNL- 03 Nos. (Calibration Certificates Nos. ECL/DSC/2022-23/FLOW/2911, ECL/DSC/2022-23/FLOW/2912, ECL/DSC/2022-23/FLOW/2913, ECL/DSC/2022-23/FLOW/2914, ECL/DSC/2022-23/FLOW/2915, ECL/DSC//2022-23/FLOW/2916 Dated 23/09/2022)

I hereby acknowledge the receipt of the same.

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

For Envirotech Instruments Pvt. Ltd

(R.S. Yadav)
+ 9811438525

Note: This Calibration is done without any charge as per condition agreed in your purchase order after Completion of 1st year.



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Extension of Sanction for Financial Assistance:

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 24010437/24014701/24020781
Fax : 24024068/24023516
Website: <http://mpcb.gov.in>
E-Mail: jdair@mpcb.gov.in



KALPATARU POINT, 3rd Floor,
Sion- Matunga Scheme Rd. No.8,
Opp. Sion Circle, Sion (East),
Mumbai-400 022.

No. MPCB/JD-APC/ NAMP-Extr/ B-0163

Date: 28/12/2021

OFFICE MEMORANDUM

Sub: Extension of Sanction of 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	Name of the City	No. of NAMP/ SAMP station	Operated by	Due date of Extension	Proposed extension from/up to
1	Aurangabad	3	SBES College, Aurangabad	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
2	Navi Mumbai	6	KBP College, Vashi (Modern College)	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
3	Ulhasnagar	2	CHM College, Ulhasnagar	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
4	Badlapur	1			
5	Ambarnath	1			
6	Dombivli	2 (1NAMP+1SAMP)			
7	Tarapur	3	CHM College, Ulhasnagar	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
8	Jalna	2	Badrinath Barwale Maha Vidhyalaya, Jalna	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
9	Nagpur	4 (3M+1D)	VNIT, Nagpur	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
10	Akola	3	College of Engineering and Technology, Akola	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
11	Amravati	3	Govt. college of Engineering, Amravati	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
12	Sangli	3	Walchand College of engineering, Sangli	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
13	Chandrapur+Wani	9(6+3)	Rajiv Gandhi College of Engineering Research & Technology, Chandrapur.	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
14	Pune	4 (3M+1D)	University of Pune.	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022



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15	Kolhapur	3	Shivaji University, Kolhapur	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
16	Solapur	2	Walchand Institute of Technology Campus, Ashok Chowk, Solapur	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
17	Latur	3	Dayanand Education Society, Latur	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
18	Nashik	4 (3M+1D)	KTHM College, Nashik.	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
19	Thane	3	Thane Municipal Corporation	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
20	Jalgaon	3	School of Environmental & Earth Sciences, North Maharashtra University, Jalgaon.	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
21	Bhiwandi	2	Bhiwandi Nijampur Municipal Corporation.	31 st Dec'2021	1 st Jan 2022 - 31 st Dec '2022
22	Kalyan	1			1 st Jan 2022 - 31 st Dec '2022
23	Nanded	3	Indira Gandhi senior college, CIDCO Nanded	09 th July'2021	10 th July, 2021 - 31 st Dec '2022

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.

(Ashok Shingare, IAS)
Member Secretary

Copy to: CAO, MPC Board, Sion, Mumbai /RO-Navi Mumbai, Kalyan, Kolhapur, Aurangabad, Amravati, Pune, Nagpur, Chandrapur, Nashik, Raigad, Thane.

Copy to: SBES College Aurangabad, KBP College Vashi (Modern College), CHM College Ulhasnagar, Badrinath Barwale Maha Vidhyalaya Jalna, VNIT Nagpur, College of Engineering and Technology Akola, Govt. college of Engineering Amravati, Walchand Institute of Technology Sangli, Rajiv Gandhi College of Engineering Research & Technology Chandrapur, University of Pune, Shivaji University Kolhapur, Walchand Institute of Technology Campus Ashok Chowk Solapur, Dayanand Education Society Latur, KTHM College Nashik, Thane Municipal Corporation, School of Environmental & Earth Sciences, North Maharashtra University Jalgaon, Bhiwandi Nijampur Municipal Corporation., Indira Gandhi senior college, CIDCO Nanded;



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Photo



Shri.Amolyawhare and Shri.A.R.Swami Changing Filter Paper for RSPM at Monitoring Station C MIDC



Mr.Niranjansude and Mr.Prasad More working in NAMP/SAM Laboratory at Dayanand Science College Latur.



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Mr. Prasad More and Niranjan Bansode change filter paper & working on RDS machine at Monitoring Station A, B, C



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Outcomes of the NAMP Project :

1. Maharashtra Pollution Control Board Mumbai has study the Air Analysis report which Forwarded by Dayanand Science College Latur, and on basis of our report Board prepared an action plan and submitted to Municipal Corporation Latur with Suggestions and ideas for implementation the activities to reduce the Air Pollution under the observation of Regional Officer MPCB Aurangabad & Sub Regional Officer MPCB Latur.
2. This project Financial helpful to student to complete their further Education Students get the experience of Air pollution Research while working on this project.
3. This project beneficial to students to achieve the opportunities of various jobs in Mostly Industrial sector and Pollution Board.

Publishing articles	<p>1. Study of ambient air quality status in lock down period of various locations in Latur city Published in International Journal of Recent Trends in Science and technology in 2021</p> <p>2. Analysis of Respirable Suspended Particulate Matter of Different Locations in Latur City in COVID 19 period Published in International Journal of Recent Trends in Science and technology in 2022</p>
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Placement of students in Various field who taken help of this project :

- (1) **Mr. Chetan Mamchand Valmiki** is presently working as **Senior Depot Assistant at Bhalbharti Latur.**
- (2) **Mr. Manoj Wagh** is presently working as **Lecturer at Netizens Foundations Latur.**

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