

To,
The Principal,
Amrutvahini College of Engineering,
Sangamner.

Sub: Report of quality parameter related to water, air and noise in the premises.

The following quality parameters were recorded related to water, air and noise in the premises of Amrutvahini College of Engineering, Sangamner.

1) Water Quality

I) Water Quality					
SN	Location of Sampling	Parameter	Actual value	Unit of measurement	HDL (Highest Desirable Limit) and MPL (Maximum Permissible Limit) as per WHO
1	Main Building	Total Dissolved Solids (TDS)	58	mg/lit	500-200
2	Dronagiri Building		70		
3	Kalsubai Hostel		71		
4	Sinhgad Hostel		65		
5	Sajjangad Hostel		69		
Average			66		

2) Noise Levels

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Classroom	Sound Level	48	dB	40-50
2	Corridor		54		45-55
3	Central Library		44		40-45
4	Workshop		70		70-80

3) Air Pollution

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Dr. Sarvapalli Radhakrishnan Garden	SOx	40	$\mu\text{g}/\text{m}^3$	< 50
		NOx	33	$\mu\text{g}/\text{m}^3$	< 40
		SPM-10	47	$\mu\text{g}/\text{m}^3$	< 60
		SPM-2.5	31	$\mu\text{g}/\text{m}^3$	< 40

Observation: All parameters are within permissible limit

Suggestion: Nil

Dr. R.S. Ingole
Env. Engg Lab Incharge

Head,
Deptt. of Civil Engineering
Head of The Deptt. (Civil)
Amrutvahini College of Engg
Sangamner 422608

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1) Water Quality

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2	Dronagiri Building		77		
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4	Sinhgad Hostel		59		
5	Sajjangad Hostel		67		
Average			67		

2) Noise Levels

SN	Location of Sampling	Parameter	Actual value	Unit of measurement	Acceptable Limits
1	Classroom	Sound Level	49	dB	40-50
2	Corridor		50		45-55
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Observation: All parameters are within permissible limit

Suggestion: Nil



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