



Guru Nanak College (Autonomous)

(Affiliated to University of Madras & Re-Accredited At "A" Grade by NAAC)
No. 161, Guru Nanak Salai, Velachery, Chennai - 600042, Tamil Nadu
Website: www.gurunanakcollege.edu.in

7.1.4- RAIN WATER HARVESTING STRUCTURES

Supporting Documents

Geotagged Photos

|| 2020-21 ||



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RAIN WATER HARVESTING





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GURU NANAK COLLEGE (AUTONOMOUS)

Guru Nanak Salai, Anna Garden,
Velachery, Chennai, Tamil Nadu 600042

LATITUDE LONGITUDE

12.99361480659673, 80.22230181352663



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12.993263286381973, 80.2224117840968



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12.99383368975231, 80.22185120241572



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12.993263286381973, 80.2224117840968



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Guru Nanak College - Water Catchment Data							
Sl .NO	BUILDING NAME	AREA			Average rainfall = 1400mm	Total Run off (CFT)	Total Run off (liter)
		L ft	B ft	Qty Sq.ft			
1	Maharani Devi Block	182.916	40.75	7453.83	4.583	34160.89	966753.16
2	-do-	21.75	19.75	429.56	4.583	1968.68	55713.78
3	-do-	53.333	31.583	1684.42	4.583	7719.68	218466.92
4	Back side Toilet	13.416	45.416	609.30	4.583	2792.43	79025.68
5	Back side Toilet	15.416	13.416	206.82	4.583	947.86	26824.46
6	Kishinchand Chellaram Block	161.583	46.016	7435.40	4.583	34076.45	964363.63
7	Back side Toilet	24.66	17.25	425.39	4.583	1949.54	55171.97
8	Motar room	5.75	17.75	102.06	4.583	467.75	13237.39
9	Guridwara Sahib	52.166	57.583	3003.87	4.583	13766.76	389599.25
10	Langar building	40.25	39.583	1593.22	4.583	7301.71	206638.33
11	Back side Toilet	16.416	19.833	325.58	4.583	1492.13	42227.18
12	Sindh Block	281.33	40.166	11299.90	4.583	51787.45	1465584.70
13	-do -	56.5	41.75	2358.88	4.583	10810.72	305943.49
14	Administrative Office	28.166	18.25	514.03	4.583	2355.80	66669.06
15	Office Room & Toilet	107.25	20	2145.00	4.583	9830.54	278204.14
16	Gents Hostel	163.833	18.5	3030.91	4.583	13890.66	393105.76
17	Back side Toilet	49.75	11.75	584.56	4.583	2679.05	75817.11
18	Guru HariKrishnan Block	118.5	154.583	18318.09	4.583	83951.79	2375835.54
19	Maharaja Ranjith Singh Block	126	46.416	5848.42	4.583	26803.29	758533.12
20	-do-	73	27.5	2007.50	4.583	9200.37	260370.54
21	Fire Room	45	12.75	573.75	4.583	2629.50	74414.74
22	Canteen	71	95	6745.00	4.583	30912.34	874819.08
23	GRI Block	73.333	72.333	5304.40	4.583	24310.05	687974.31
24	GAD Block	204	72.75	14841.00	4.583	68016.30	1924861.37
25	GTB Block	120.333	80.75	9716.89	4.583	44532.51	1260269.91
26	Principal House	60.333	27.75	1674.24	4.583	7673.05	217147.18
27	LT Gen I.S Gill Block	221	93	20553.00	4.583	94194.40	2665701.49
28	-do-	109.666	60	6579.96	4.583	30155.96	853413.57
29	Guru Gobind Singh Block	209.5	38.5	8065.75	4.583	36965.33	1046118.90
30	Porch	33	37.75	1245.75	4.583	5709.27	161572.40
31	School Exten-Block	132.166	32.916	4350.38	4.583	19937.77	564238.99
32	-do-	30	22	660.00	4.583	3024.78	85601.27
33	-do-	73	32.916	2402.87	4.583	11012.34	311649.34
34	MUB	70	43	3010.00	4.583	13794.83	390393.69
Total				155099.71 Sq.ft		Total Annual Run off	20116261.50 liters