



# ENVIRONMENT AUDIT REPORT

## APRIL-2023

### Submitted To: Children'S University

Located at: Subhash Chandra Bose  
Shixan Sankul, Chh-5, Children's  
University, Sector 20, Gandhinagar,  
Gujarat 382021



**CHILDREN'S UNIVERSITY**

### Submitted By:

**Excel Enviro Tech**

**(NABL & NABET Accredited)**

**TF-2, Sun House, Near Old High Court,**

**Off Ashram Road, Ahmedabad – 380 009;**

**+91-9825588910, 9825729124**

**[www.excelenviro.com](http://www.excelenviro.com); [info@excelenviro.com](mailto:info@excelenviro.com)**



# **CERTIFICATE**

This is to certify that We Excel Enviro Tech located at TF-2, Sun House, Old high court lane, Near Income Tax, Ahmedabad-380009, has successfully completed Environment Audit of **Children's University** located at : Subhash Chandra Bose Shixan Sankul, Chh-5, Children's University, Sector 20, Gandhinagar, Gujarat 382021, dated on 25<sup>th</sup> April 2023 .

**Company Seal**

**Authorized Signatory**

Environment Audit Report  
Excel Enviro Tech

# INTRODUCTION OF CHILDREN'S UNIVERSITY

## About Us:

- The children of today have to be prepared to become builders of the future, - the future which would be marked by replacement of competitive individualism by the synthesis of individual liberty, collective egalitarianism and universal and spiritual fraternity;
- The future will be liberated from disabling scepticism and from comforting arrestation of quest of knowledge, and progress will be accelerated by ardent aspirations to realise higher spiritual truths and their manifestation in physical life;
- The new world of the future will cultivate material life so as to make it prosperous and rich and it will replace poverty wherever it exists by elimination of drudgery, exploitation and slavery and encourage nobility, dignity and continuous empowerment.

Er The children's university will lead the children of today to build a new world of friendliness, mutuality and harmony that transcends all barriers of narrowness and blind conflicts resulting from exclusivism and burden of the past that strives to linger against the pressure of the future of uplifting light and prosperity.

## Vision

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### The Vision of Children's University is three-dimensional.

- To develop Bharatiya stream of knowledge and lifestyle by achieving *Panchakoshatmak* (five-layered) development of children.
- To prepare children for the realization of higher spiritual truths.
- To augment knowledge capita by preparing academic scholars for substantial researches to map Indian Childhood through academic modalities.

## Objectives

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- To re-create the teaching pedagogical structure by integrating the guidance of globally acclaimed academicians.
- To create human beings inspired by global brotherhood and patriotism.
- To inculcate ethical and cultural values among children.
- To establish Bharat as an academic power of the world by integrating the knowledge of antiquity and modernity.
- To prepare a child for the achievement of global citizenship.

**The Vision of Children's University is three-dimensional.**

1. To develop Bharatiya stream of knowledge and lifestyle by achieving five-layered development of children.
2. To make children realize the higher spiritual truths.
3. To augment knowledge capita by preparing children for substantial along with building and creating their sublime character and self-pride.

**Objective:**

**The objects of the University shall be as follows: -**

(1) to study and undertake research in the works of pioneering educationists of Gujarat, India as also of other parts of the world, who have underlined the need for child-centred holistic education so as to derive guidance from the same;

(2) to promote the fundamental duties laid" down in article 51A of the Constitution of India;

(3) to foster in the University highest purposes of education of the body, life, and mind as also of the human spirit in its integrity;

(4) to promote synthesis of scientific realism and artistic creativity;

(5) to recover the lights from lessons of ancient wisdom in the context of modern developments; Establishment and Incorporation of University. Headquarters Of University. Objects of University. PART-IV] GUJARAT GOVERNMENT GAZETTE, EX., 31-7-2009 16-4

(6) to establish facilities, programmes and activities of research, education, training, and extension services that promote all levels of child's development, including at the primary and secondary levels of education;

(7) to introduce and nurture innovations in the education system so as to reflect India's spiritual knowledge, robust intellectuality and inexhaustible creativity;

(8) to study and derive lessons from the ongoing experiments of education that are taking place in Gujarat as also elsewhere and to foster all the valuable innovative work and promote the same for larger expansion and utilization.

# EXCEL ENVIROTECH CONSULTANCY PROFILE

Excel Enviro Tech (EET) is a progressive organization specialized from year 2002. EET is in the field of environmental consultancy for environment clearance from MoEF & SEAC, Consent to Establish (NOC) and Consent to Operate (CCA) from GPCB, Effluent Treatment Plant Design, Operation and Maintenance of Treatment Plant. EET has obtained ISO:45001:2018 certification for Health & Safety system.

EXCEL ENVIROTECH (EET) provides specialty-consulting services in Environment Management, Risk Assessment and Health & Safety. The company has a team of professional engineers and scientists, with extensive accumulated experience in all aspects of environmental engineering.

EET has installed full-fledge testing laboratory, for monitoring and analysis in the areas of ambient air, water, Noise, Fuel, soil, microbiological parameters and hazardous waste. For establishing the confidence in the work done, the laboratory has got the **PRESTIGIOUS RECOGNIZATION FROM MOEFCC as Gazetted Laboratory**; and Accreditation from **NABL for more than 400 parameters**.



**QUALITY COUNCIL OF INDIA**  
Creating an Ecosystem for Quality



**National Accreditation Board  
for Education and Training**

**Certificate of Accreditation**

**Excel Enviro Tech, Ahmedabad**



TF-2, FF-1 & FF-2, Sun House, Old High Court Lane, Nr. Income tax, Off Ashram Road, Ahmedabad

The organization is accredited as **Category-A** under the QCI-NABET Scheme for Accreditation of EIA Consultant Organization, Version 3, for preparing EIA-EMP reports in the following Sectors -

S. No	Sector Description	Sector (as per)		Cat.
		NABET	MoEFCC	
1	Mining of minerals including Open cast and underground	1	1 (a) (i)	A
2	Thermal power plants	4	1 (d)	B
3	Mineral beneficiation	7	2 (b)	A
4	Metallurgical industries	8	3(a)	B
5	Cement plants	9	3 (b)	B
6	Coke oven plants	11	4 (b)	A
7	Pesticides industry and pesticide specific intermediates (excluding formulations)	17	5 (b)	A
8	Synthetic organic chemicals industry (dyes & dye intermediates; bulk drugs and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates)	21	5 (f)	A
9	Common hazardous waste treatment, storage and disposal facilities	32	7 (d)	B
10	Common Effluent Treatment Plants (CETPs)	36	7 (h)	B
11	Building and Construction Projects	38	8 (a)	B
12	Townships and Area development Projects	39	8 (b)	B

Note: Names of approved EIA Coordinators and Functional Area Experts are mentioned in RAAC minutes dated Jan 07, 2022 posted on QCI-NABET website.

The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in QCI-NABET's letter of accreditation bearing no. QCI/NABET/ENV/ACO/22/2297 dated April 04, 2022. The accreditation needs to be renewed before the expiry date by Excel Enviro Tech, Ahmedabad following due process of assessment.



# NABET

Sr. Director, NABET      Certificate No.      Valid up to  
Dated: April 04, 2022      NABET/EIA/2124/RA 0234\_Rev 01      June 27, 2024

For the updated List of Accredited EIA Consultant Organizations with approved Sectors please refer to the QCI-NABET website.



**National Accreditation Board for  
Testing and Calibration Laboratories**

**CERTIFICATE OF ACCREDITATION**

**EXCEL ENVIRO TECH**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing & Calibration Laboratories"**

for its facilities at

TF-2, FF-1 & FF-2, SUN HOUSE, OLD HIGH COURT LANE, OFF ASHRAM ROAD, AHMEDABAD, GUJARAT, INDIA

in the field of

**TESTING**

Certificate Number: TC-5892

Issue Date: 18/11/2022      Valid Until: 17/11/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL. (To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : Excel Enviro Tech

Signed for and on behalf of NABL





N. Venkateswaran  
Chief Executive Officer

Particulars	Details
Name of the Institution	Children's University, Gandhinagar
Introduction of the Institution	Children's University is a state owned research University located at Gandhinagar, Gujarat. It was the brain child of Hon'ble Prime Minister Shri Narendra Modi (then Chief Minister of Gujarat) that under Children's University Act, 2009 with the aim to conduct research in areas of overall development of children. The University is UGC approved and offers degree / diploma / certificate courses at PG and Ph.D. level. The University conducts research, education, training and extension services for creating right environment and systems to facilitate development of children.
Location / Address	Subhash Chandra Bose Shixan Sankul, Chh-5, Children's University, Sector 20, Gandhinagar, Gujarat 382021
Contact Number	<b>079 2324 4576</b>
No of Staff	100
No of Children & Students	250
Type of Electrical Connection	LT connection. Contract Demand:99.000 kW Customer ID:954666, Supply Type: 3 Phase
Number of D.G. Set	No D.G. Set is installed within Site premises. The electricity supply is from M/s. Torrent Power Limited.
Certifications obtained by the Institution	Yes, Available, Attached in annexure section
Whether the institution has obtained Cleaner Production/Cleaner Technology/CDM	2 side printing have been done and waste papers have been utilised(resuse) for work. Also, maintained good houskepping in premises. Displayed Environment protection & energy saving posters in campus.
Area In square meter	25626.40
List of Units present in the Institution	<ol style="list-style-type: none"> <li>1. Open Hall</li> <li>2. Computer Lab</li> <li>3. Vidyavatika</li> <li>4. Tapovan Centre</li> <li>5. Shishuparamarshan Kendra</li> <li>6. Main Library</li> <li>7. Child Library</li> <li>8. Smart Classrooms</li> <li>9. Toy Lab</li> <li>10. Toy Library</li> <li>11. Botanical Garden</li> <li>12. Canteen</li> <li>13. Learning Center</li> <li>14. Ayurvedic Chikitsalaya</li> <li>15. Admin Section</li> <li>16. Server Room</li> <li>17. Play Ground</li> </ol>

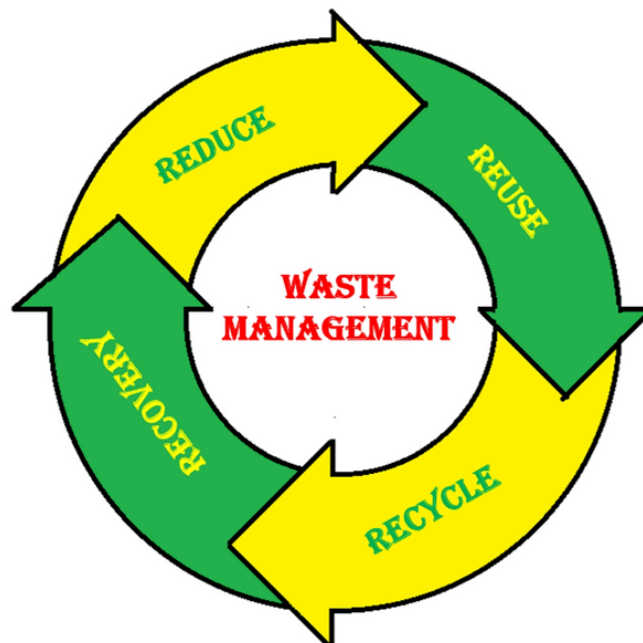


Quantity of Water Consumed Per Day	15 KLD(Approximately)  The institution is advised to install a Flow meter at the inlet and keep a logbook of the same to maintain the quantity of daily water consumption approx.
Treatment Process	It is advised to install Sewage Treatment Plant and reuse the water into flushing and gardening after giving proper treatment.  Currently, the water is sent to GMC drainage.
Waste Water Disposal	Water is disposed of into the GMC drainage connection.
Water Balance Diagram	<pre> graph TD     A[Total Water Consumption from borewell (15 KLD)] --&gt; B[Domestic (11 KLD)]     A --&gt; C[Gardening (4 KLD)]     B --&gt; D[Waste Water Generation (3 KLD)] </pre>
Chemical Consumption	No chemical consumption throughout the institution premises.
Lighting Arrangement	It is sufficient & it maintain's good illumination level.
Waste Generation	Food waste and other gardening waste are sent through waste management system. Other waste collected from the campus is segregated into different categories and sold out to recyclers so eventually, no waste generated from the campus ends up being at the landfill site.
Green Belt area	Within the institution, 135+ tall trees and 1000+ plants and shrubs have been planted which cover more than 50% of the green cover area promoting habitat and biodiversity.  The institute has also developed a Botanical garden that has Ayurvedic herbs and plants.
Health Records	The institution has conducted a medical check up during the year and the health records of the staff members & different test camp were organised for students and faculties in the campus.
Fire & Safety System	The institution has installed adequate and appropriate fire extinguishers, Smoke detectors & Fire alarm system in the premises for emergency preparedness. Assembly point has been decided and displayed board for emergency evacuation. (Details mentioned in annexure section)

## Conclusive Remarks

1. The campus has takes care of all green activities including plantation, maintenance of the botanical garden, nursery, areas of all department buildings, and new plantations in the campus.
2. The campus has beautiful Botanical Garden. About 100 different plant species (like Medicinal plants, Neem, Bamboo, Economically Important plants, Fruit, Beverage and spices, and other species) are available in the garden & campus.
3. As a part of audit, EET Team has carried out the environmental monitoring of campus. This includes Noise level, drinking water analysis and indoor air quality monitoring of the institute. It was observed that water and air parametrs are within the norms. Noise level in the campus is well below the limit. (Attached reports)
4. Flowmeter shall be installed for water consumption and log book to be maintained regularly.
5. University should install its own Sewage Treatment Plant (STP). By doing so there will be a great reduction in water usage, as the water after treatment can be used for various purposes (e.g.gardening) in the University.
6. As University is already planning to set up of Rain Water Harvesting Units. To set up and install will certainly add value in order to meet the mission of water conservation.

# Environment Audit Report





## ANNEXURE SECTIONS

### Annexure -1 Photographs of Green Belt Area

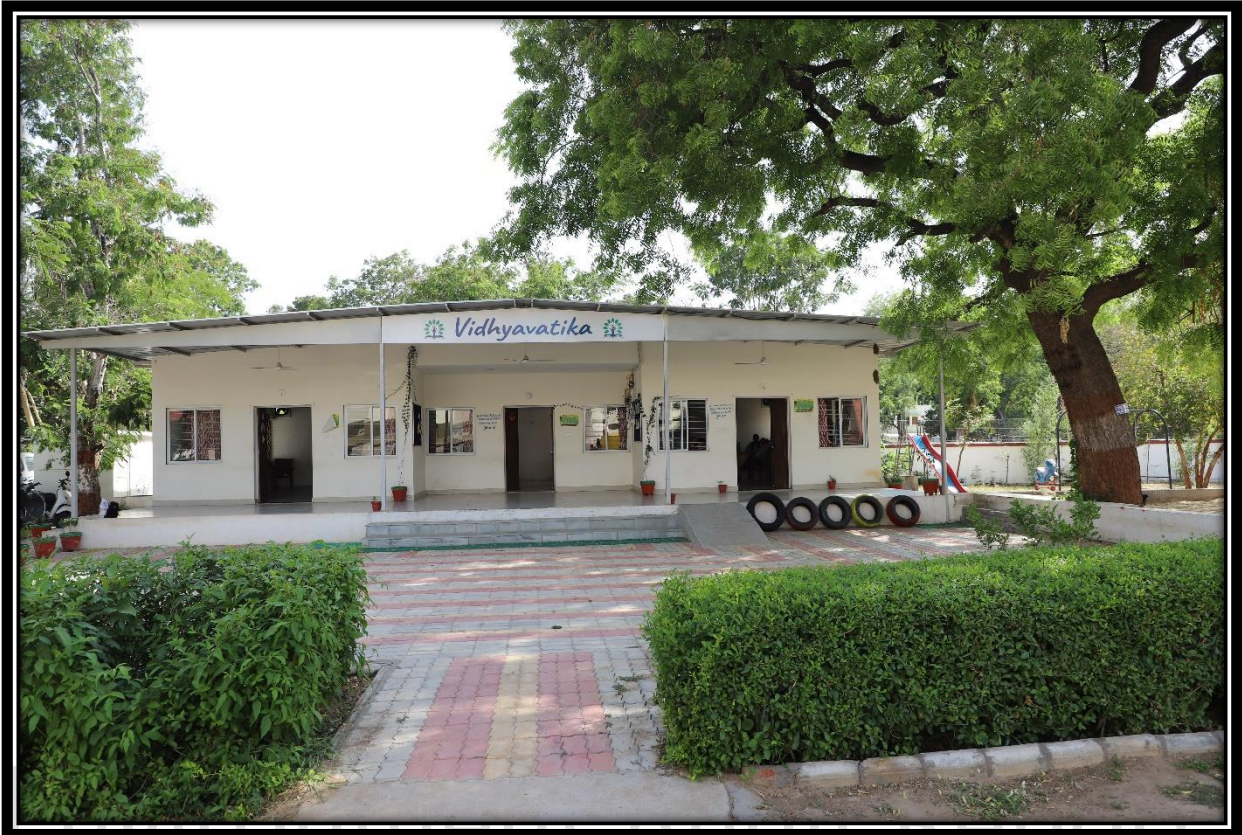


Environment Audit Report





**Annexure -2 Photographs of Campus Facility**







# Environment Audit Report

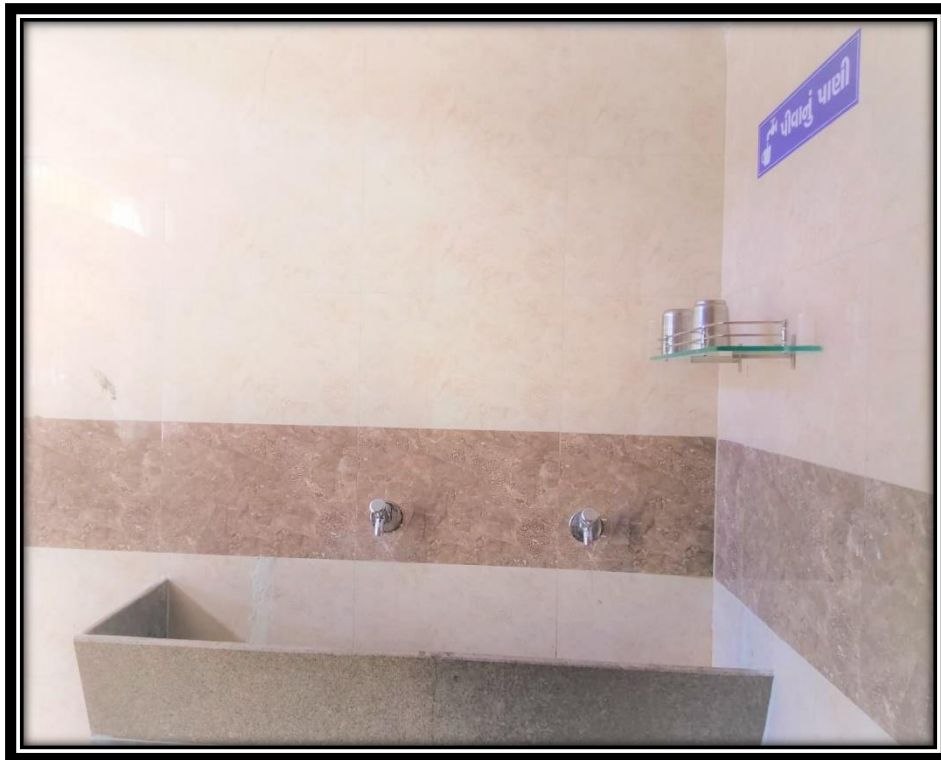




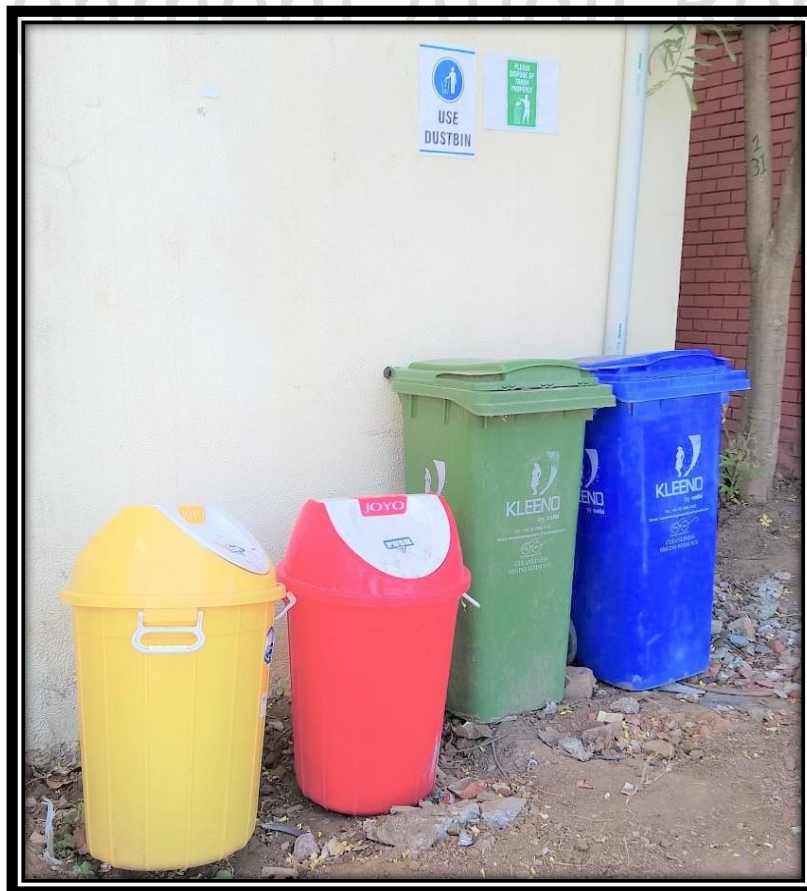
**Annexure -3 Inside Building classrooms and facility Photos**



**Annexure -3 Drinking Water & Waste Management system**



Environment Audit Report





## Annexure-5 Institution Approval

Extra No. 16

REGISTERED No. G/GNR/2



सत्यमेव जयते

# The Gujarat Government Gazette

EXTRAORDINARY  
PUBLISHED BY AUTHORITY

Vol. L] FRIDAY, JULY 31, 2009/SRAVANA 9, 1931

Separate paging is given to this Part in order that it may be filed as a Separate Compilation.

### PART IV

#### Acts of Gujarat Legislature and Ordinances promulgated and Regulations made by the Governor.

The following Act of the Gujarat Legislature, having been assented to by the Governor on the 29<sup>th</sup> July, 2009, is hereby published for general information.

H. D. VYAS,

Secretary to the Government of Gujarat,  
Legislative and Parliamentary Affairs Department.

#### GUJARAT ACT NO. 15 OF 2009.

(First published, after having received the assent of the Governor, in the "Gujarat Government Gazette," on the 31<sup>st</sup> July, 2009).

#### AN ACT

to establish the Children's University for promoting children's education in the light of contemporary national and international needs of building up a new world that will harmonise the ideals of liberty, equality and fraternity, and to establish, conduct and promote progressive research and educational centres related to children's education as also to establish, conduct and promote, training and extension services mat will foster high level care, education and health of the children of today and tomorrow and for the matters connected therewith or incidental thereto.

It is hereby enacted in the Sixtieth Year of the Republic of India as follows:-

#### CHAPTER I

#### PRELIMINARY

- (1) This Act may be called the Children's University Act, 2009. **Short title, extend and Commencement.**
- (2) It extends to the whole of the State of Gujarat.
- (3) This section shall come into force at once and the remaining provisions shall come into force on such date as the State Government may, by notification in the *Official Gazette*, appoint.

IV-EX., 16-1

16-1



Ph. 25236351, 25232701, 25237721, 25234116



विश्वविद्यालय अनुदान आयोग  
बहादुरशाह जफर मार्ग  
नई दिल्ली-110 002  
UNIVERSITY GRANTS COMMISSION  
BAHADURSHAH ZAFAR MARG  
NEW DELHI-110 002

[www.ugc.ac.in](http://www.ugc.ac.in)

**Speed Post**

No. F. 5-5/2014 (CPP-I/PU)

January, 2018

24 JAN 2018

The Registrar (I/C),  
Children's University,  
Subhash Chandra Bose,  
Shikshan Sankul, Sector - 20,  
Gandhinagar - 382020,  
Gujarat.

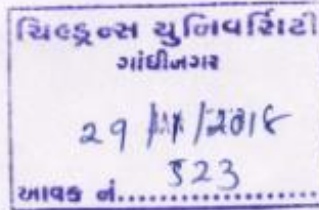
Sub - Status of Children's University, Subhash Chandra Bose Shikshan Sankul, Sector-20, Gandhinagar - 382020, Gujarat.

Sir,

With reference to your letter CU/Letter No./2016-17/621 dated 08.12.2016 on the above subject, I am directed to inform you that Children's University, Subhash Chandra Bose Shikshan Sankul, Sector-20, Gandhinagar - 382020, Gujarat is established by an Act of State Legislature of Gujarat as a State University and is eligible to award degrees as specified by the UGC under Section 22 of the UGC Act, 1956. The University is included in the UGC list of Universities under Section 2(f) of UGC.

Yours faithfully,

  
(Kundla Mahajan)  
Under Secretary



### Annexure – 6 Details of Fire Extinguishers

Sr. No.	Type of Fire Extinguisher	Capacity	Location
1	ABC-Dry Chemical Powder	6 KG	Outside Meeting Room
2	ABC-Dry Chemical Powder	6 KG	Outside Ph.D. Room
3	ABC-Dry Chemical Powder	6 KG	Outside of Languages Department
4	ABC-Dry Chemical Powder	6 KG	Outside of Humanities Department
5	ABC-Dry Chemical Powder	6 KG	Beside Main Entrance Gate
6	ABC-Dry Chemical Powder	6 KG	Outside of Shishuparamarshan Room
7	ABC-Dry Chemical Powder	6 KG	Outside of Tapovan Kendra Room
8	ABC-Dry Chemical Powder	6 KG	Outside of G-8 Room
9	ABC-Dry Chemical Powder	6 KG	Outside of G-7 Room
10	ABC-Dry Chemical Powder	6 KG	On Ladder to the Library
11	ABC-Dry Chemical Powder	6 KG	Outside of F-4 Room
12	ABC-Dry Chemical Powder	6 KG	Outside of F-3 Room
13	ABC-Dry Chemical Powder	6 KG	Outside of F-1 Room
14	ABC-Dry Chemical Powder	6 KG	Outside of F-12 Child Library Room
15	ABC-Dry Chemical Powder	6 KG	Outside of F-11 Room Gujarati Classroom
16	ABC-Dry Chemical Powder	6 KG	Outside of F-10 Room Department of Innovation Room
17	ABC-Dry Chemical Powder	6 KG	Outside of F-8 Room Education Classroom
18	ABC-Dry Chemical Powder	6 KG	Outside of F-9 Room Education Classroom
19	ABC-Dry Chemical Powder	6 KG	Outside of F-7 Room Indic Studies Classroom
20	ABC-Dry Chemical Powder	6 KG	Outside of F-5 Main Library Room
21	ABC-Dry Chemical Powder	6 KG	Server Room
22	ABC-Dry Chemical Powder	6 KG	Server Room
23	ABC-Dry Chemical Powder	6 KG	Outside Library Room
24	Water Type Fire Extinguisher	09 Ltr	Reception Area
25	Water Type Fire Extinguisher	09 Ltr	Torrent Power Cabin

**Annexure – 7 Details of Smoke detectors**

<b>Sr. No.</b>	<b>No. of Smoke Detectors</b>	<b>Location</b>
1	4	G-1 Room
2	4	G-2 Room
3	3	G-3 Room
4	1	G-4 Room
5	3	G-5 Room
6	1	G-6 Room
7	2	G-7 Room
8	1	G-8 Room
9	1	G-9 Room
10	2	G-10 Room
11	1	G-11 Room
12	1	G-12 Room
13	2	G-13 Room
14	6	G-14 Room
15	1	Pentry Room
16	1	F-1 Room
17	1	F-2 Room
18	1	F-3 Room
19	4	F-4 Room
20	2	F-5 Room
21	1	F-6 Room
22	1	F-7 Room
23	1	F-8 Room
24	1	F-9 Room
25	6	F-10 Room
26	1	F-11 Room
27	1	F-12 Room
28	1	F-13 Room
29	2	F-14 Room
<b>Total 57 Nos. Smoke Detectors installed</b>		

# Annexure – 8 Existing Layout



## Annexure – 9 Ambient Air Monitoring Analysis Report



Telefax : (079) 27542219.  
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 Web : www.excelenviro.com  
 TF-2, Sun House, Nr, Old High Court,  
 Off. Ashram Road, Ahmedabad - 380009.

### TEST REPORT

**Customer's Name and Address**  
**M/s. Children University.**  
 Subhash Chandra Bose Shixan Sankul, Chh-5,  
 Children's University, Sector 20, Gandhinagar,  
 Gujarat 382021

FORMAT NO.	F/LID/54
REPORT DATE	25/04/2023
REPORT NO.	EET202304428

Description of sample	Ambient Air Quality	Lab ID Code	AQ/04/428
Date of sampling	18/04/2023	Sampling time	10:30 to 18:30
		Sampling method	Standard practice
Sample collected by	Field Chemist	Date of starting of test	19/04/2023
Packing/seal	Satisfactory	Date of completion of test	19/04/2023

### RESULT TABLE

Sampling location`	Near Main Gate		
Meteorological Data / Environmental Conditions			
Wind direction	NE → SW		
Average wind speed (m/s)	2.1		
Temperature	Max: 40.8°C	Min: 27.9°C	
Humidity, %	Max: 45	Min: 25	

Sr	Parameter	Unit	Test method	Result	Prescribed Norms
1	Particulate Matter-2.5, PM <sub>2.5</sub>	µg/m <sup>3</sup>	IS 5182 (Part – 24) - 2019	32.17	60
2	Particulate Matter-10, PM <sub>10</sub>	µg/m <sup>3</sup>	IS 5182 (Part – 23) - 2006	69.14	100
3	Sulphur Dioxide, SO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part – 2) – 2001	BDL (DL:5.0)	80
4	Nitrogen Dioxide, NO <sub>2</sub>	µg/m <sup>3</sup>	IS 5182 (Part – 6) – 1975	8.52	80

 <b>Analyzed By</b>	 <b>Authorized Signatory</b>
Source of Prescribed Norms:	Field remark:

## Annexure – 10 Noise Monitoring Report



Telefax : (079) 27542219.  
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 E-mail : excelenviro@yahoo.co.in, info@excelenviro.com,  
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 TF-2, Sun House, Nr, Old High Court,  
 Off. Ashram Road, Ahmedabad - 380009.

### TEST REPORT

**Customer's Name and Address**

**M/s. Children University.**

Subhash Chandra Bose Shixan Sankul, Chh-5,  
Children's University, Sector 20, Gandhinagar,  
Gujarat 382021

FORMAT NO.	F/LID/55
REPORT DATE	25/04/2023
REPORT NO.	EET202304429

Description of sample	Noise level Monitoring	Lab ID Code	NM/04/429
Date of sampling	18/04/2023	Sampling method	IS 9989 – 1981 RA 2001
Sample collected by	Field Chemist		

### RESULT TABLE

Sr	SAMPLING LOCATION	Unit	Result	
			Day Time (6 AM – 10 PM)	Night Time (10 PM – 6 AM)
1.	Near Main Gate	dB (A)	52.9	--
2.	Near tapovan	dB (A)	45.5	--
3.	Toy Lab (F-2)	dB (A)	43.5	--
4.	Main Library (F-5)	dB (A)	58.2	--
5.	Near Computer Lab	dB (A)	60.1	--
6.	Open Hall	dB (A)	42.3	--
7.	Near Canteen	dB (A)	40.3	--
8.	Near Parking	dB (A)	47.3	--
9.	Vidhya Vatika	dB (A)	40.1	--
10.	Near reception	dB (A)	42.2	--

Note: Day Time Norms : 75 dB (A)

Night Time Norms : 70 dB (A)

	
<b>Analyzed By</b>	<b>Authorized Signatory</b>
Source of Prescribed Norms:	Field remark:

-----End of The Test Report-----

Page 1 of 1



## Annexure – 11 Drinking water Analysis report



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 E-mail : excelenviro@yahoo.co.in, info@excelenviro.com,  
 Web : www.excelenviro.com  
 TF-2, Sun House, Nr, Old High Court,  
 Off. Ashram Road, Ahmedabad - 380009.

### TEST REPORT

<b>Customer's Name and Address</b> <b>M/s. Children University.</b> Subhash Chandra Bose Shixan Sankul, Chh-5, Children's University, Sector 20, Gandhinagar, Gujarat 382021	REPORT NO.	F/LID/03
	REPORT DATE	25/04/2023
	REPORT NO.	EET/202304427

Description of sample	Water Sample	Lab ID Code	DW/04/427
Sample Location	Drinking Water	Sampling time	14:20 to 14:30
Date of sampling	18/04/2023	Sampling method	Grab
Sample collected by	Field Chemist	Packing/seal	Satisfactory
Quantity and no. of sample/s	2 liters in Plastic Carboys	Date of starting of test	19/04/2023
		Date of completion of test	24/04/2023


#### Result table

Sr. No.	Parameters	Unit	Drinking water Standard As per IS 10500		Result Drinking Water	Method of Test
			Requirement (Acceptance Limit)	Permissible Limit In The Absence Of Alternate Source		
1.	pH	--	6.5-8.5	No Relaxation	7.14	IS 3025 (part-11) – 1983
2.	Colour in units	Hazen	Max 5	Max 15	Nil	IS 3025 (part-4) – 1983
3.	Odour	--	Agreeable	Agreeable	Agreeable	IS 3025 (part-5) – 1983
4.	Taste	mg/l	Agreeable	Agreeable	Agreeable	IS 3025 (part-7&8) – 1984
5.	Turbidity in NTU	NTU	Max 1.0	Max 5.0	Nil	IS 3025 (part-10) – 1984
6.	Total Dissolved Solids	mg/l	Max 500	Max 2000	180.4	IS 3025 (part-16) – 2002
7.	Total Hardness	mg/l	Max 200	Max 600	60.0	IS 3025 (part-21) – 1983
8.	Calcium as Ca	mg/l	Max 75	Max 200	14.11	IS 3025 (part-40) – 1991
9.	Magnesium as Mg	mg/l	Max 30	Max 100	3.25	IS 3025 (part-46) – 1994
10.	Chloride	mg/l	Max 250	Max 1000	40.52	IS 3025 (part-32) – 1988
11.	Fluoride	mg/l	Max 1.0	Max 1.5	Nil	IS 3025 (part-60) – 2008
12.	Total Alkalinity	mg/l	Max 200	Max 600	180.1	IS 3025 (part-23) – 1986
13.	Iron as Fe	mg/l	Max 0.3	No Relaxation	0.12	IS 3025 (part-53) – 2003
14.	Residual free chlorine	mg/l	Min 0.2	Max 1.0	Nil	IS 3025 (part-26) – 1986
15.	Copper as cu	mg/l	Max 0.05	Max 1.5	Absent	IS 3025 (part-42) – 1992
16.	Nitrates	mg/l	Max 45.0	No Relaxation	1.10	IS 3025 (part-34) – 1988
17.	Total ColiformBacteria	MPN/100 ml	Shall not be detectable in any 100 ml sample		Absent	IS:1622-1981 reaffirmed: 2003
18.	E. ColiformBacteria	MPN/100 ml	Shall not be detectable in any 100 ml sample		Absent	IS:1622-1981 reaffirmed: 2003

Analyzed By

Authorized Signatory


## Annexure -2 Electricity Bill



**torrent  
POWER**

BS20 / GZ200005 / 05040

Zone: Gandhinagar  
T. No.: 3000929258  
Billing mode: 30 days  
Distribution date: 30/03/23



**Torrent Power  
now on WhatsApp**

Services available:

- Bill Copy
- Submit meter reading
- Submit safety concerns
- Bill payments & offers
- Complaint registration
- Manage multiple services

**YOUR DETAILS**

**CHILDREN UNIVERCITY GANDHINAGAR**  
SECONDARY HIGH SCHOOL,SECTOR-20,  
GANDHINAGAR.

Registered Mobile: \*\*\*\*\*1915  
Registered Email: es\*\*\*\*te@cugujarat.ac.in

CATEGORY: **LTMD 2 Commercial**

SUPPLY TYPE: **Three Phase**

SANCTIONED LOAD: **99.000 kW**

CONTRACT DEMAND: **99.000 kW**

BILLING MONTH: **March 2023**

READING DATE: **24/03/23**

BILL DATE: **27/03/23**

BILLING DEMAND: **84.600 kW**

**LTMD**

CUSTOMER ID: **954666**

AVG. POWER FACTOR: **100.00**

**YOUR BILL**

Thank you for your previous payment of ₹50,840.00 on 09/03/23.  
Payment received at PLUGPOINT.

₹58,610.00

DUE BY: **10/04/23**

SECURITY DEPOSIT HELD: **₹1,98,000.00**

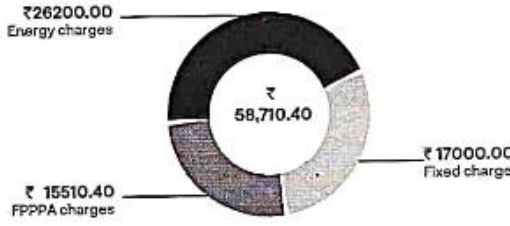
ADDITIONAL SECURITY DEPOSIT REQUIRED: **₹0.00**

**METER DETAILS**

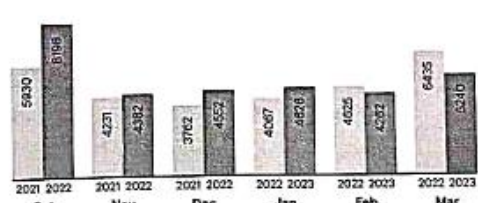
Meter No.: 17505645			
	MPKWH	RKVAH	MDKW
Present Reading	35199	1217	12.5
Previous Reading -	32579	1182	0
Multiplier x	2.00	2.00	2.00
Consumption	5240	70	26.0

You consumed **5240 units** this billing cycle.

**MAJOR BILL COMPONENTS**



**CONSUMPTION TREND (IN UNITS)**



Month	2021	2022
Oct	5930	6166
Nov	4271	4382
Dec	3762	4552
Jan	4087	4826
Feb	4025	4082
Mar	6435	5340

**SAY NO TO OVERLOADING OF YOUR ELECTRICAL NETWORK  
REGULARISE YOUR CONNECTION TODAY.**

Overloading the electrical network or misuse of electricity harms individuals and puts communities at risk.

- Avoid using unauthorised load beyond sanctioned load
- Avoid extending power supply beyond the permitted area of use.
- Avoid using electricity for the purpose other than for which the usage of electricity was authorised.

The above acts are considered as unauthorised use of electricity under section 128 of Electricity Act - 2003.  
Use of load beyond sanctioned capacity causes overloading of electrical network. This can result in overheating and cause fire accidents. It also reduces the life of electrical assets.

**PAYMENT OPTIONS**

1. PAY USING MOBILE WALLETS      2. PAY WITH CASH / CHEQUE

## Annexure – 13 Environment Awareness Guidelines

1. You can reduce the water wastage by:-
  - Reducing your washing, cleaning & bathing time
  - Turn off the water in the sink
  - Avoid leakages, overflow from water pipes, overhead tanks & plumbing system.
  - Reuse water in gardening
  - Where possible, try not to use water as a cleaning solution.
2. Unplug chargers, turn off lights and appliances not in use like computers, laptops, and phones when you leave for the day.
3. Join the carpool or public transportation to save fuel and its cost.
4. Avoid using disposable cup or coffee mug at work in order to save space in the landfill and energy. You can use ceramic cup or coffee mug.
5. When you make purchases, try to opt for the brands that use recyclable packaging.
6. Bring your meal in a reusable container and don't buy an additional plastic container for it.
7. Don't generate waste with a plastic fork and plastic takeout container. Use a reusable container if bringing in lunch from home.
8. Start a recycling program in your home, office or community.
9. Start paying your bills online and ask companies to stop paper bills from being sent to you.
10. Print and copy on both sides of the paper. It helps to save paper and trees.
11. Use reusable grocery bags rather than plastic bags.
12. Get your IT equipment like computers, laptop, printer, and phones recycled or decomposed in order to reduce related air pollution and water pollution. It can take a million years to decompose. Contact a company offers IT equipment recycling or disposal services in your area.
13. Use an eco-friendlier disposable or cloth in place of nappy of the child as it adds million tons of waste in landfills each year.
14. Recycle newspaper, bows and gift bags by reusing them. You can also create something unique by using old newspaper, maps, and cloth.
15. Instead of purchasing a plastic water bottle, buy an appropriate reusable container. A plastic bottle takes thousands of years to decompose and because it's not recycled or biodegradable.
16. Plant a tree to reduce air pollution as shady landscape enhances the value of your property and reduce the energy consumption
17. Maintain your vehicle by regularly checking the air filter and giving it a clean. This will help your car more efficiently. It's also important to inflate your tyres to a specific pressure as it reduces tyre-wear and helps the fuel economy.
18. Buy wooden toys instead of throwaway plastic toys.

**Better Environment,  
Better Tomorrow.  
Save the planet Earth.**