

Proposal: Adding Science Equipments

School Science Lab

Gurukul Sikshya Sadan

Bharatpur 9 Chitwan



Bharatpur 9 is a ward in Bharatpur Metropolitan City, located in the Chitwan District of Nepal. Bharatpur, the fourth largest city in Nepal by population, serves as a key commercial and healthcare hub in the region, benefiting from its strategic position in the central part of the country. Bharatpur 9 is spread in 5.3 area sq. km with the population of 15183.

Chitwan District is known for its rich biodiversity, being home to the famous Chitwan National Park, a UNESCO World Heritage Site that attracts tourists for its population of one-horned rhinoceroses, Bengal tigers, and a variety of other wildlife. The park also offers opportunities for jungle safaris, bird watching, and experiencing the local Tharu culture.

In Bharatpur 9, has a mix of residential areas, local markets, educational institutions, and healthcare facilities. The ward reflects the broader urban and semi-urban characteristics of Bharatpur, with ongoing development projects aimed at improving infrastructure and living standards.



School Area



Morning Assembly

Introduction

Gurukul Sikshya Sadan is located in Bharatpur _ 9 Milanchowk. It was established in 2000 A.D. (BS 2056). It is one of the best schools that get good results in Bharatpur. The school has its own building and has big playground where students can enjoy by playing different types of sports to stress out from their hectic schedule. It runs the classes form Grade Nursery to Grade 12. There are total 1018 students. Among them 673 students are in School level and 345 students are in +2. Out of 345 students 122 are in science faculty. Seventy Five teaching staffs provide knowledge to the students and twenty eight non teaching staffs maintain the school and the school area healthy. The school has computer lab school library and also have simple science lab. But in the science lab there are not enough science equipments which are important for the students to do practical. So the project team requested for the LSF/E4E organization to support to add science equipment in the lab as it provides hands – on learning environment that enriches students understanding of scientific concepts, development of practical skills, encourages critical thinking and problem solving.



Objective

1. To provide practical knowledge.
2. To improve the quality of the school.
3. To complete something compulsory for school.

Target Group

Student and teacher of the Gurukul Sikshya Sadan

Action plan

S.N	Activities	Date	Days	Involvement	What do	How
1	Arranged meeting with School member for discussion of proposal.	26 th June 2024	1	School management & Committee Members	Arrange meeting	Discussion
2	Writing proposal	27 th & 28 th June 2024	2	Committee Members with the help of school	Writing proposal	Writing typing
3	Forwarding proposal	29 th June 2024	1	Committee Members with the help of school	Forwarding email	email
4	Visit, store for the research of equipment	30 th June 2024	1	Committee Members	Visit store	Research equipment
5	Ordering the equipment from store	15 th July	1	Committee Members	Ordering the equipment	Visit store
6	Installing equipment in lab	16 th July to 20 th July 2024	5	Committee Members	Installing Science Lab	Arrange materials in the lab
7	Running practical classes	1 st August onwards....	Teacher and student of Gurukul school	Experiment and demonstration	Lab task and action

Budgeting

S.N.	Item Name	Qty.	Price	LSF/E4E	School Shares	Total
1	Litmus Paper, red and blue	4 box	750.00	3,000.00	-	3000.00
2	Filter Paper, 12.5cm	20 pkt	130.00	2,600.00	-	2600.00
3	Watch Glass, 75mm	4 pkt	290.00	1,160.00	-	1160.00
4	Beaker, 500ml	12 pcs	225.00	2,700.00	-	2700.00
5	Beaker, 250ml	12 pcs	175.00	2,100.00	-	2100.00
6	Bunsen Burner with Lock	12 pcs	485.00	5,820.00	-	5820.00
7	Microscope Bianacular Chitransh	1 set	21,400.00	21,400.00	-	21400.00
8	Human Skeleton, 5ft, fiber made	1 set	4,400.00	4,400.00	-	4400.00
9	Human Torso, small size	1 set	1,850.00	1,850.00	-	1850.00
10	AC/DC Power Supply, 2-12 Volt	2 set	2,450.00	4,900.00	-	4900.00

11	Step down Transformer, 2-12 Volt	2 set	2,350.00	4,700.00	-	4700.00
12	PN Junction with in-built Power Supply	2 set	5,175.00	10,350.00	-	10350.00
13	Basic Logic Gates	2 set	3,800.00	7,600.00	-	7600.00
14	Ohm's Law Apparatus with in-built Power Supply	2 set	3,480.00	6,960.00	-	6960.00
15	Gulcometer Digital	2 set	1,950.00	3,900.00	-	3900.00
16	B.P. Set Complete Rossmax	2 set	2,375.00	4,750.00	-	4750.00
17	Conical Flask, 500ml	12 pcs	295.00	3,540.00	-	3540.00
18	Conical Flask, 250ml	12 pcs	225.00	2,700.00	-	2700.00
19	Glass Slide Prosted	4 pkt	145.00	580.00	-	580.00
20	Cover Glasses, Bluestar	4 pkt	150.00	600.00	-	600.00
21	Safranin stain, 125ml	2 bot	325.00	650.00	-	650.00
22	Methyl Orange	2 bot	285.00	570.00	-	570.00
23	Phenolphthalein	2 bot	285.00	570.00	-	570.00
24	Racks	4 set	20,000.00	-	80,000.00	80000.00
25	Slab		30,000.00	-	30,000.00	30000.00
26	Basin & Tap	6set	15,000.00	-	90,000.00	90000.00
27	Communication		3,000.00	-	3,000.00	3000.00
28	Transportation		3,000.00	-	3,000.00	3000.00
29	Miscellaneous		5,000.00	-	5,000.00	5000.00
	Subtotal			97,400.00	208,000.00	305400.00
	13% VAT			110,062.00		318062.00
	Project management & reporting			19,480.00		
	Total			226,942.00 52%	208,000.00 48%	434,942.00

Monitoring and Evaluation

The school management committee will observe the project in running phase and as well as in the completion of the project the committee will submitted.

Committee Members:

1. Devi Acharya (Coordinating Mentor) - Leader
2. Tikaram Chapagain (Principal) - Leader
3. Kesbir Shrestha (Chairperson) - Leader
4. Goma Thapa (Parents of Little Sister) - Member
5. Sambidha Dhakal (Graduated LS) - Member
6. Simran Chaapagain (Graduated LS) - Member
7. Jaya Poudel (Graduated LS) – Member
8. Sushma Pokhrel (Little Sister) – Member
9. Prasmitta Acharya (Little Sister) - Member