



**Chhatrapati Shivaji Maharaj Statue : Cleaning by
NCC Cadets, Date :19/12/2021**



NCC Cadets participated

No Use of Plastic (Rally) in collaboration with Nagarpalika Barshi Date :29/09/2018



Tree Plantation in Barshi city in collaboration with Morning Club Barshi

Date: 02/10/2018



Tree Plantation near Ganesh Lake Barshi, Date:05/01/2020



Swachhata Pakhwada (Rally) date: 09/08/2023



Cleaning Shivshakti Maidan, Date:15/01/2023



Cleaning of Ganesh Lake at Subhash Nagar, Barshi by NCC Cadets,

Date :04/12/2022



**Tree Plantation in MIDC area, Barshi in collaboration with Vruksh Savardhan Samiti Barshi,
Date : 06/08/2023**

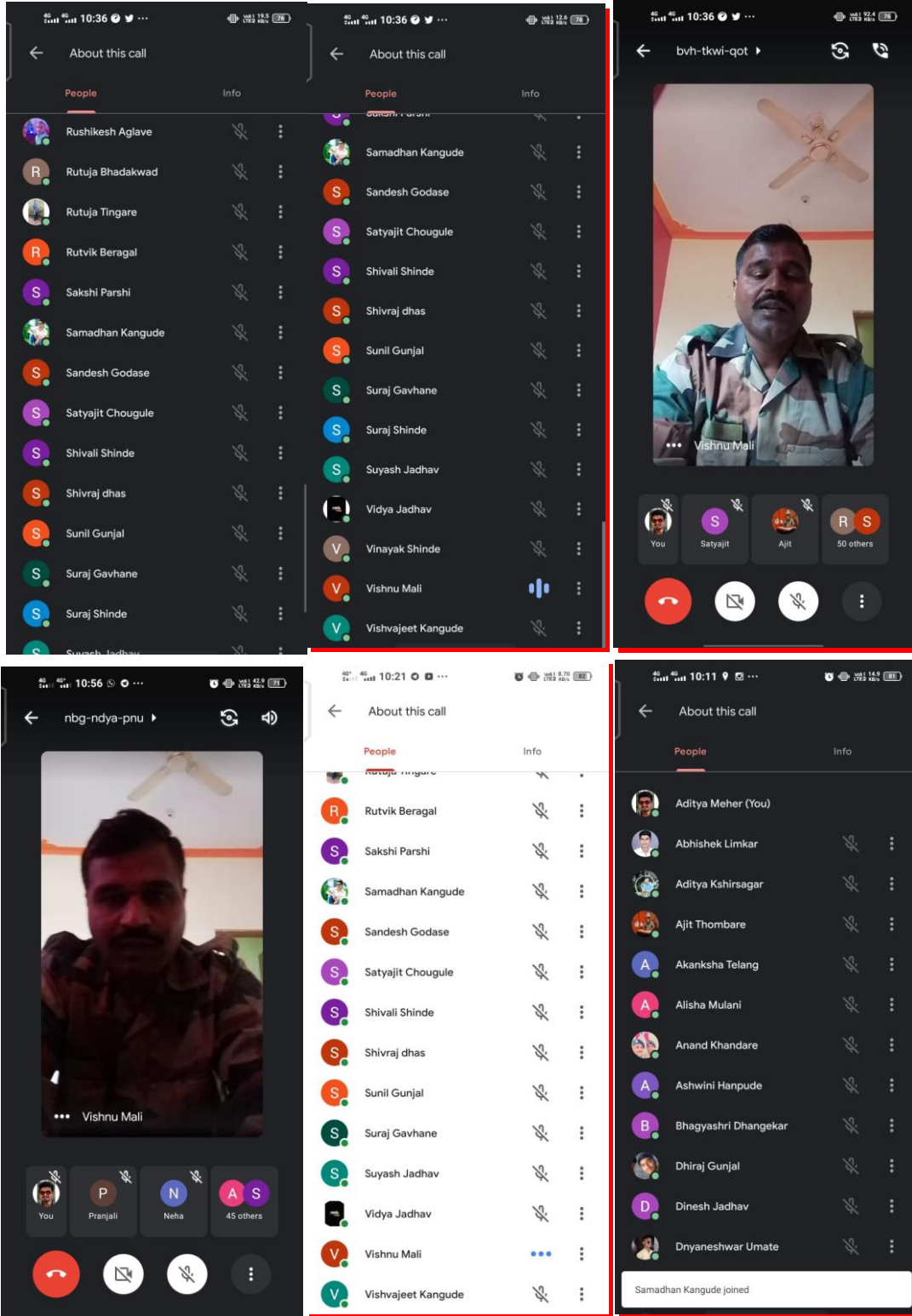


Hon'ble Madhukar Doifode, Members of 'Vruksha Sanvardhan Samiti' and CTO Anmulwar A L

One Cadet One bucket tree plantation



Online Lectures by PI Staff 9 Mah Bn NCC Solapur on Environment awareness 21/06/2021



Swachhata Abhiyan By students in the garden, Date 04/10/2022





Shri Shivaji Mahavidyalaya, Barshi
Report on Green Initiative Beyond Campus
Academic Year 2018-19
Name of the Department: National Service Scheme



Cleanliness awareness rally (Plastic Collection)



Environmental Awareness rally





Shri Shivaji Mahavidyalaya, Barshi
Report on Green Initiative Beyond Campus
Academic Year 2018-19
Name of the Department: National Service Scheme



Cleanliness Camp in garden





Shri Shivaji Mahavidyalaya, Barshi
Report on Green Initiative Beyond Campus
Academic Year 2018-19
Name of the Department: National Service Scheme



Cleanliness of Bhagwant Temple





Shri Shivaji Mahavidyalaya, Barshi
Report on Green Initiative Beyond Campus
Academic Year 2018-19
Name of the Department: National Service Scheme




Programme Officer
National Service Scheme
Shri Shivaji Mahavidyalaya, Barshi


PRINCIPAL
Shri Shivaji Mahavidyalaya,
Barshi, Dist. Solapur-413411





Shri Shivaji Mahavidyalaya, Barshi
Report on Extension and Outreach Activity
Academic Year 2019-20
Name of the Department: National Service Scheme



07/08/2019 Cleanliness Camp



NSS Special Camp Activity at Shirale Tal. Barshi 03/09/2020



Home Survey made by Volunteer in adopted village Shirale



NSS Special Camp Activity at Shirale Tal. Barshi 03/09/2020





Students participating in NSS camp at Shirale









Social Awareness and Clealiness Rally 04/02/2020





04/03/2020 Plantation Program







Awareness through Folk Art





A Speech on Constitution of India





Clealiness Camp in College Campus





Pledge of Unity 31/10/2019







05/03/2020 Programs on environment awareness



05/03/2020 digging pits for tree plantation and cleaning drainage





Peoples in Shirale in Program for environment Awareness


Programme Officer
National Service Scheme
Shri Shivaji Mahavidyalaya, Barshi.


PRINCIPAL
Shri Shivaji Mahavidyalaya,
Barshi, Dist. Solapur-413411





Shri Shivaji Mahavidyalaya, Barshi
Report on Extension and Outreach Activity
Academic Year 2022-23

Name of the Department: National Service Scheme





Shri Shivaji Mahavidyalaya, Barshi
Report on Extension and Outreach Activity
Academic Year 2022-23

Name of the Department: National Service Scheme





Shri Shivaji Mahavidyalaya, Barshi
Report on Extension and Outreach Activity
Academic Year 2022-23

Name of the Department: National Service Scheme

21st January to 31st January 2023 Cleanliness Camp in Barshi





Shri Shivaji Mahavidyalaya, Barshi
Report on Extension and Outreach Activity
Academic Year 2022-23

Name of the Department: National Service Scheme



NSS Camp 2022-23 at adopted village shirale

*** शिबीरातील उपक्रम :**

- ग्रामस्वच्छता
- व्यसनमुक्ती
- आरोग्य शिबीर
- राष्ट्रीय एकात्मता
- एड्स जनजागृती
- अंधश्रद्धा निर्मूलन
- व्यक्तिमत्त्व विकास
- आपत्ती व्यवस्थापन
- महिला प्रबोधन व मेळावा
- नवमतदार नोंदणी व जागृती
- बालविवाह प्रतिबंध जागृती
- जल साक्षरता व जल व्यवस्थापन

*** शिबीरातील दिनचर्या :**

सकाळी ६:०० ते ८:००	व्यायाम, प्रार्थना, हजेरी, अल्पोपहार
सकाळी ८:३० ते १२:३०	श्रमदान
दुपारी १२:३० ते ३:००	भोजन व विश्रांती
दुपारी ३:०० ते ४:००	व्याख्यान
दुपारी ४:०० ते ५:००	चहापान व गटचर्चा
सायं. ५:०० ते ७:००	खेळ व जनसंपर्क
सायं. ७:०० ते ८:००	सहभोजन
रात्री ८:०० ते ११:००	सांस्कृतिक कार्यक्रम, श्रमदान नियोजन

प्रति,
मा. _____

*** प्रेषक ***
प्र. प्राचार्य डॉ. अब्दुल शेख
श्री शिवाजी महाविद्यालय, बारशी
● कार्यक्रमाधिकारी ●

प्रा. अशोक अनमूलवार डॉ. दामाजी भिसे डॉ. भारत बिधितकर
राष्ट्रीय सेवा योजना

सौ. निर्मला अंकुशे सौ. नंदा गायकवाड श्री मंगेश जगदाळे
सरचंघ उपसरचंघ ग्रामसेवक

श्री शिवाजी शिक्षण प्रसारक मंडळ, बारशी संचालित
श्री शिवाजी महाविद्यालय, बारशी
व
पुण्यश्लोक अहिल्यादेवी होळकर
सोलापूर विद्यापीठ, सोलापूर
यांच्या संयुक्त विद्यमाने आयोजित

राष्ट्रीय सेवा योजना
NOT ME, BUT YOU

विशेष श्रमसंस्कार शिबीर
२०२२-२०२३

युवकांचा ध्यास, ग्राम-शहर विकास

* शिबीर स्थळ *
मौजे - शिराले, ता. बारशी

* शिबीर कालावधी *
बुधवार दि. ११/१/२०२३ ते मंगळवार दि. १७/१/२०२३

कार्यक्रम पत्रिका
स्वच्छ निर्माण

Brochure of NSS Camp





Shri Shivaji Mahavidyalaya, Barshi

Report on Extension and Outreach Activity

Academic Year 2022-23

Name of the Department: National Service Scheme

<p>सन्माननीय महोदय, स. न. वि. वि.</p> <p>आमच्या महाविद्यालयातील राष्ट्रीय सेवा योजने अंतर्गत 'युवकांचा ध्यान, ग्राम-शहर विकास' या संकल्पनेवर आधारित विशेष श्रम संस्कार शिबीर मीजे शिराळे, ता. बार्शी येथे बुधवार दि. ११/१/२०२३ ते मंगळवार दि. १७/१/२०२३ या कालावधीत आयोजित केले आहे. या शिबीरास भेट देऊन विद्यार्थ्यांना मार्गदर्शन करावे ही विनंती.</p> <p style="text-align: center;">- आपले विनंती -</p> <p>प्र. प्राचार्य डॉ. अब्दुल शेख श्री शिवाजी महाविद्यालय, बार्शी सौ. निर्मला अंकुशे सौ. नंदा गायकवाड श्री मंगेश जगदाळे सरचंच ग्रामसेवक</p> <p>श्री किरण ओव्हाळ, श्री दत्तात्रय तुळसे, सौ. शोभा चंदनशिंदे श्री नाना बोधरी, सौ. कमल गवळी, श्री भास्कर बोधरी, सौ. संगीता बोधरी, श्री सुनील बोधरी, श्री विनाय शेख, श्री समाधान पाटील, श्री भालचंद्र बोधरी, श्री अनील बोधरी, श्री प्रमोद बोधरी, श्री मयूकर बोधरी, श्री नानासो बोधरी श्री नंदराज चंदनशिंदे, श्री प्रशांत ओव्हाळ, डॉ. वंदना चंदनशिंदे सौ. उल्का चंदनशिंदे, सौ. रेखा चंदनशिंदे, श्री बाळासाहेब बोधरी, श्री लक्ष्मण बोधरी, श्री दत्तात्रय पाटील, श्री बाणदेव बोधरी, श्री अशुबा गायकवाड, श्री इमण मुत्तामी, श्री तस्मन म्द्रे, श्री सविन कटन, श्री सविन बोधरी, श्री बाणसाहेब बोधरी, श्री अशोक बोधरी</p>	<p style="text-align: center;">प्रबोधनपर कार्यक्रमा</p> <p>मंगळवार, १२/१/२०२३ दुपारी ३ वा. सायं. ८ वा.</p> <p>वक्तूः मा. श्री आकाश पाटील विषयः कुणभय्या पोरा आता लढायला शिक वक्तूः मा. श्री खडू डोंडोपंडे विषयः राजमाता जिजाऊ मोसाळेव : शिक्षण व संस्कार अध्यक्षः मा. श्री वाळासाहेब अंकुशे शिक्षण निदेश अधिकारी, मीजे</p> <p>भारुडः मा. चंदाताई निवाडी संगीत नाटक अंकडमी परस्कार विजेत्या भारुडकर</p> <p>शुक्रवार, १३/१/२०२३ दुपारी ३ वा. सायं. ८ वा.</p> <p>वक्तूः मा. श्री मंगेश दहिहडे विषयः समाज माध्यमे आणि आजची तरुणाई अध्यक्षः मा. बालाजी चौधरी चेअसमन, रि. का. से. सो. शिराळे</p> <p>भारुडः मा. श्री प्रशांत महाराज कापसे तुपसिद्ध संगीत भारुडकर, व्हायसेवाडी</p> <p>दुपारी ३ वा. सायं. ८ वा.</p> <p>वक्तूः मा. डॉ. रविकांत शिंदे विषयः बालविवाह : एक सामाजिक समस्या अध्यक्षः मा. रेखा चंदनशिंदे वेलीस पाटील, शिराळे</p> <p>सुमंगल संगीत : स्वयंघड निर्मित गाणी तुमच्या आमच्या मनातली</p> <p>शनिवार, १४/१/२०२३ दुपारी ३ वा. सायं. ८ वा.</p> <p>वक्तूः मा. डॉ. अशोक कदम कव्य कवचकीर्ती सदन, अ. नि. स., व्हाण्ड विषयः युवकांमधील वैज्ञानिक दृष्टिकोन : काळाची गरज अध्यक्षः मा. प्रा. हेमंत शिंदे कव्य सभागार बार्शी, अ. नि. स., व्हाण्ड</p> <p>दुपारी ३ वा. सायं. ८ वा.</p> <p>वक्तूः मा. ह. भ. प. भारती आडसूळ तुपसिद्ध कीर्तनकार</p> <p>सोमवार १६/१/२०२३ दुपारी ३ वा. सायं. ८ वा.</p> <p>वक्तूः स्वयंघड सुभाष्रु गीतांचा सदावहार कार्यक्रम</p>	<p style="text-align: center;">शिबीर समागोप</p> <p>मंगळवार दिनांक १७/१/२०२३ रोजी दुपारी २:०० वा. प्रमुख पाहुणे : मा. श्री जयकुमार शिताळे खजिनदार, श्री शिवाजी शिक्षण प्रसारक मंडळ, बार्शी अध्यक्ष : मा. श्री नंदकुमार जगदाळे उपस्थित, श्री शिवाजी शिक्षण प्रसारक मंडळ, बार्शी</p> <p>प्रमुख उपस्थिती : मा. डॉ. वी. बाबू यादव अध्यक्ष, श्री शिवाजी शिक्षण प्रसारक मंडळ, बार्शी मा. श्री पी. टी. पाटील जन. सेक्रेटरी, श्री शिवाजी शिक्षण प्रसारक मंडळ, बार्शी मा. श्री अरुण देवडवार जन. सेक्रेटरी, श्री शिवाजी शिक्षण प्रसारक मंडळ, बार्शी मा. डॉ. अब्दुल शेख प्र. प्राचार्य, श्री शिवाजी महाविद्यालय, बार्शी</p> <p style="text-align: center;">- सदसिद्धा भेट -</p> <p>मा. डॉ. मुणालिनी फडणवीस कुलसचिव, पुण्यस्लोक अहिल्यादेवी होळकर सोलान्पर विद्यापीठ, सोलान्पर मा. डॉ. योगिनी घारे कुलसचिव, पुण्यस्लोक अहिल्यादेवी होळकर सोलान्पर विद्यापीठ, सोलान्पर</p>
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Shri Shivaji Mahavidyalaya, Barshi
Report on Extension and Outreach Activity
Academic Year 2022-23

Name of the Department: National Service Scheme





Shri Shivaji Mahavidyalaya, Barshi
Report on Extension and Outreach Activity
Academic Year 2022-23

Name of the Department: National Service Scheme

Programs on cleanliness and Environment awareness




कार्यक्रमाधिकारी
राष्ट्रीय सेवा योजना
श्री शिवाजी महाविद्यालय, बारशी


प्र. प्राचार्य
श्री शिवाजी महाविद्यालय, बारशी



Energy Audit Report

Submitted to

**SHRI SHIVAJI MAHAVIDYALAYA , BARSHI .
DIST: SOLAPUR**

By

**Tuljabhavani Electrical & Engineering Company,
Barshi.Dist –Solapur**

Nuj
विद्युत परीक्षक
MS 43744

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**Shri Tuljabhavani Electrical
Engineering Company
MC.No - 38610**

Preface

Data collection for energy audit of the Shri Shivaji Mahavidyalaya , Barshi Campus was conceded by team for the period of 1 July 2022 to 30 Jun 2023 . This audit was over sighted to inquire about convenience to progress the energy competence of the campus. To drop of energy utilization whilst cultivator humanizing comfort, health and safety were of prime anxiety. This audit required to recognize the mainly energy proficient appliances. Besides, several each day processes concerning common appliances have been provided which facilitate sinking the energy expenditure. The energy audit survey was completed by Department of Electronics, Shri.Shivaji Mahavidyalaya Barshi under Guidance of Tuljabhavani Electrical & Engineering Company, Barshi. All data collected from each classroom, laboratory, every room. The work is completed by considering, how much tubes, fan, A.Cs, electronic instruments, etc. in each room. How much was participation of each component in total electricity consumption.

Acknowledgement

Department of Electronics, Shri. Shivaji Mahavidyalaya Barshi is very much thankful to Principal Dr. Shaikh A.B. Sir, NAAC Coordinator Dr.Gurme V.M.Sir for motivating us for energy audit.

SHRI SHIVAJI MAHAVIDYALAYA , BARSHI

Introduction:

A nation is trying to advance in quantity and quality to the spread of education among the common India and development of their intelligence. In India the entire field of education and other fields of intelligent activities had been monopolized by a handful of men before independence. But today we are marching towards the desirable status of a developed nation with fast strides. But the development should be a sustained one. For achieving such an interminable development energy management is essential .As far as concerning electricity crisis, we are facing lack of electricity during office work. So, institutional management is taking design regarding production of electricity and saving electricity for eco-social aspect.

Energy requirement of India is growing and incomplete domestic fossil fuel treasury. The country has motivated strategy to enlarge its renewable energy resources and policy to establish the nuclear power plants. India increases the involvement of nuclear power to largely electrical energy development facility from 4.2% to 9%.India's industrial demand accounted for 35% of electrical power requirement, domestic household use accounted for 28%, agriculture 21%, commercial 9%, and public lighting and other miscellaneous applications accounted for the rest. Energy conservation means reduction in energy consumption without making any sacrifice of

quantity or quality. A successful energy management program begins with energy conservation; it will lead to adequate rating of equipment's, using high efficiency equipment and change of habits which causes enormous wastages of energy. By observing all these study lack of electricity and huge electricity demands. It is necessary to plan to be self-sufficient in electricity requirement.

In the present study, college electricity audit has been done. In this study considered practical laboratory, instrument, Fans, air conditioners, Computers etc are considered in this study. We have studied total budget of the college, total economic investment of college on the electricity and total generation electricity from the solar, wind, hybrid electricity generation unit. Also, we have studied total saving of electricity and money from solar wind generation and requirement of solar energy. Also, it is studied that exact contribution of bulb, fans, computer, instruments etc in the total requirement of electricity. We studied all these mentioned things by collecting exactly data from survey.

Experimental and data collection:

All required data is collected by Department of Electronics, Shri. Shivaji Mahavidyalaya, Barshi under Guidance of Tuljabhavani Electrical & Engineering Company, Barshi. In building, in every room, how much fans, tubes, fans, computer, printer, scanner, instrument AC, etc. will these is measured. According to survey following data is collected.

Shri Shivaji Shikshan Prasarak Mandal's
Shri. Shivaji Mahavidyalaya ,Barshi.

Building Electrical Audit (2022-23)

Sr. No.	Particulars	LED light/Tube	Fan	Projector	Computer	Scanner	Printer	Xerox	AC	Other
1	Principal Office	6	2	1	1				1	
2	Staff Rooms	4	2							
3	Administrative Office	15	10			4	10			
4	NAAC room	4	2	1					2	
5	Exam Department	6	4		2		2	2		
6	Auditorium Hall	10	6	1					6	
7	Department of Sr.Electronics	10	10		2					
8	Department of Sr.Physics	13	6		3					8
9	Department of Sr.Chemistry	37	12		2					26
10	Department of Sr.Botony	19	10							5
11	Department of Sr.Zoology	14	10		2					9
12	Department of Sr. Microbiology	22	18		5					12
13	Department of Sr. Computer Science	2	3		10					
14	Soil & Water Lab	5	4		2					3
15	Competitive Exam Guidance Center	10	10							

16	Department of English	12	5	1	20		1		1
17	Department of Marathi	2	1		1				
18	Department of Hindi	3	3						
19	Department of Geography	11	7		5		1		
20	Department of History & Politics	1	1		2		1		
21	Department of Economics & psychology	1	1		1				
22	Department of Physical Education	5	2		2				
23	Department of Music	4	2		1				
24	Vice-Principal Office	4	2						
25	Department of Jr.Physics	10	7		1				
26	Department of Jr.Chemistry	8	4						4
27	Department of Jr.Biology	11	4						
28	Department of Jr.Electronics	6	4		1				
29	Department of Jr. Computer Science	4	4		25				
30	Department of Jr. I.T.	8	4						
31	Department of Jr.Crop , Horty , Fishry	12	8						3
32	Department of MCVC	10	5		1				
33	HALL NO. 9	6	6	1					
34	HALL NO. 15	4	2	1					
35	HALL NO. 16	4	2	1					

36	HALL NO. 17	4	2	1						
37	HALL NO. 20	2	2							
38	HALL NO. 21	6	4	1						
39	HALL NO. 29	6	6	1						
40	HALL NO. 35	6	6	1						
41	HALL NO.46	4	4							
42	HALL NO.47	4	4							
43	HALL NO.48	6	6							
44	HALL NO.50	4	4							
45	HALL NO.51	4	4							
46	HALL NO.66	6	6							
47	HALL NO.68	4	2							
48	HALL NO.69	4	2							
49	HALL NO.70	4	2							
50	Jr. Staff Room HALL NO.72	6	6	1						
51	HALL NO.73	4	4							
52	HALL NO.74	4	4							
53	HALL NO.75	4	4		1					
54	HALL NO.82	4	4							
55	HALL NO.83	4	4							

56	HALL NO.84	6	6							
57	HALL NO.85	4	2							
58	HALL NO.86	4	2							
59	HALL NO.87	4	2							
60	Boys common Room	4	4							
61	Girls common Room	4	4							
62	Boys Toilet	2	1							
63	Girls Toilet	2	1							
64	Staff Toilet (Gents & Ladies)	2	1							
65	Girls Hostel	120	120							
66	Drinking water filter									6
67	Submercible Pump & Motor									3
68	Store Room	2	1							
69	Campus	30			1					
Total		577	407	12	91	4	15	2	9	80

Shri Shivaji mahavidyalaya ,Barshi

Energy Consumption (2022-23)

Sr. No	Month	Consumption Unit (KW)						Total
		Main Building	Chemistry Building	Library	Hostel	Gymkhana	Garden	
1	Jul-22	2920	2532	2540	0	59	178	8229
2	Aug-22	1824	1642	1558	0	107	185	5316
3	Sep-22	1808	1608	1529	0	160	212	5317
4	Oct-22	2425	1777	1902	0	178	215	6497
5	Nov-22	2251	1793	1736	0	160	213	6153
6	Dec-22	2207	2417	2519	124	153	221	7641
7	Jan-23	3114	2512	2622	2186	100	100	10434
8	Feb-23	1236	2039	1646	1176	100	100	6097
9	Mar-23	1726	1180	1565	1584	100	100	6055
10	Apr-23	1673	951	0	1816	100	100	4440
11	May-23	2064	959	0	1798	100	100	4821
12	Jun-23	2685	1721	0	926	100	100	5332
Yearly Power Consumption		25933 KW	21131 KW	17617 KW	9610 KW	817 KW	1224KW	76332 KW
Average Monthly Power Consumption		2161KW	1761KW	1468KW	801KW	68KW	102KW	6361KW

Power Consumption as per Electricity Board:

FOR ACADEMIC YEAR 2022-23

Sr. No	Month	Consumption Unit(KWh)
1	Jul-22	8229
2	Aug-22	5316
3	Sep-22	5317
4	Oct-22	6497
5	Nov-22	6153
6	Dec-22	7641
7	Jan-23	10434
8	Feb-23	6097
9	Mar-23	6055
10	Apr-23	4440
11	May-23	4821
12	Jun-23	5332
Total Power Consumption (Yearly)		76332 KW
Average Power Consumption (Monthly)		6361 KW

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Shri Shivaji Shikshan Prasarak Mandal's
SHRI SHIVAJI MAHAVIDYALAYA, BARSHI
Energy Audit (2022-23)

Month	Instrument Utilized							Power Consumption			
	Projector	LED Light	Fan	Computer	Scanner/Printer /Xerox Machine	Other	AC	Total Power Consume in '1' hours (KWatt)	Total Power Consume in '2.5' hours (KWatt)	Total Instrument Power Consumption in month (KWatt)	MSEB Unit
	Qn	Qn	Qn	Qn	Qn	Qn	Qn				
Jul-22	12	557	407	91	15	81	9	109.59	273.975	8219	8229
Aug-22	12	410	183	70	10	60	5	70.84	177.1	5313	5316
Sep-22	12	410	183	70	10	60	5	70.84	177.1	5313	5317
Oct-22	12	435	368	65	10	70	5	86.64	216.6	6498	6497
Nov-22	12	438	309	65	10	70	5	82.04	205.1	6153	6153
Dec-22	12	557	407	91	15	81	9	109.59	273.975	8219.25	7641
Jan-23	12	557	408	80	14	81	9	139.07	347.675	10430	10434
Feb-23	12	423	307	65	10	70	5	81.28	203.2	6096	6097
Mar-23	12	287	368	65	10	70	5	80.72	201.8	6054	6055
Apr-23	12	219	315	38	6	35	5	59.21	148.025	4441	4440
May-23	12	230	341	40	10	40	5	64.28	160.7	4821	4821
Jun-23	12	400	191	70	10	60	5	71.08	177.7	5331	5332

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Conclusion

In conclusion, data generated in energy audit are useful for to understand the energy distribution and utilization of college. The college needs maximum **76332 KW** of electricity **per Year**. In other words, college needs **6361 KWh per Month**.

Recommendation:

- 1) Replace all CFL Tube light using LED Bulb, to save more Power
- 2) Make Automation to more Power consumable devices like Light , Fan to save Power
- 3) Replace CRT monitor using LED or LCD monitor.
- 4) Separate connection of office, Computer Lab. and classroom.
- 5) In future use more Renewable energy like Solar Electricity to decrease costing.

Results and discussion:

As far concerning the energy audit, electricity audit is main concern regarding educational institution. We have collected data by considering the tube light, fan, Projector, computer, printer, Xerox machine, A.C and Laboratory instruments.

For Academic year 2022-23 The total required energy is **76332 KW per year** .

Energy Consumption through all device is 6361 KW per Month

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