

## CRITERION VII

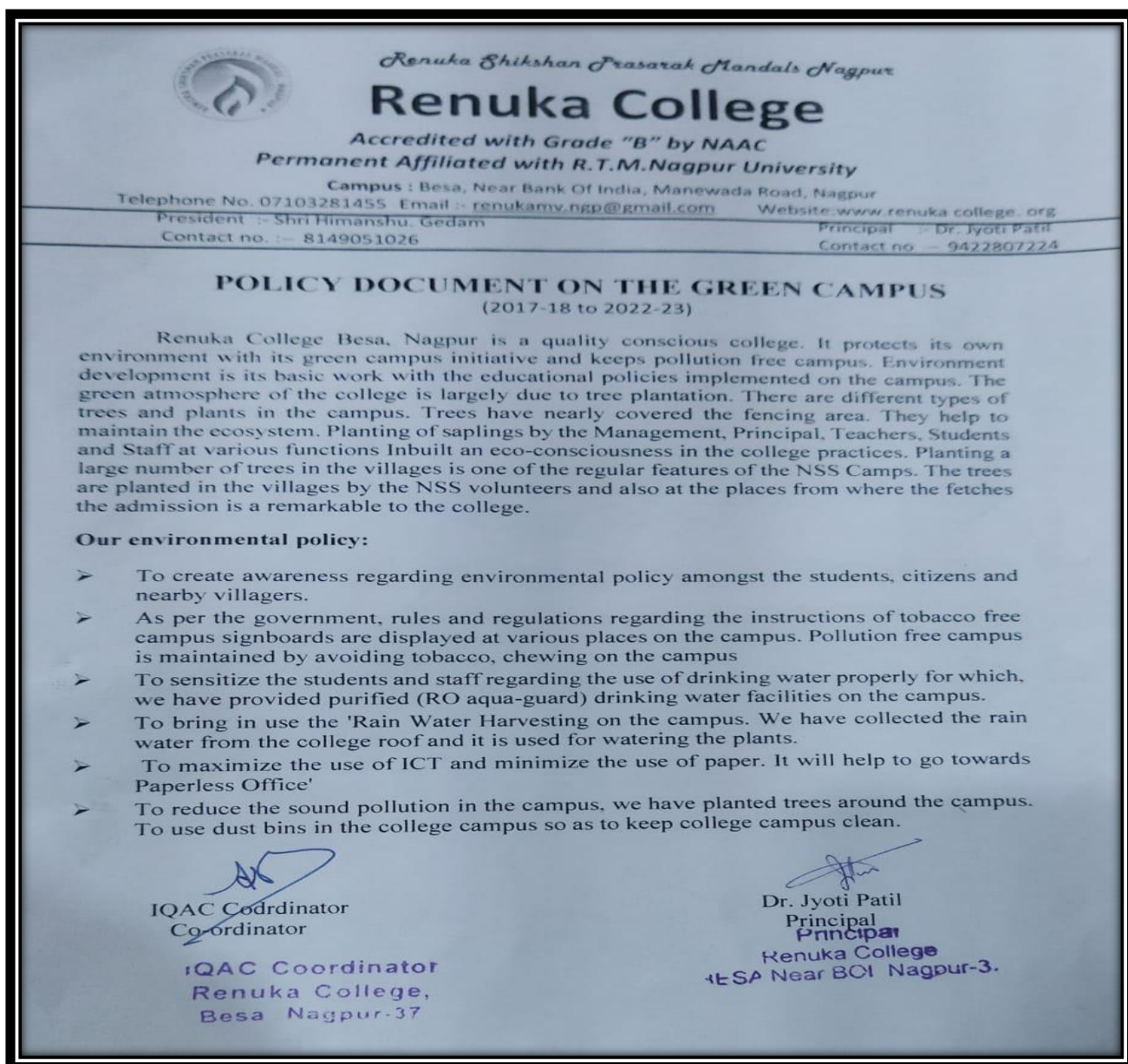
### KEY INDICATOR 7.1

#### METRIC 7.1.2

#### INDEX

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non-degradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

**7.1.2 Environmental Consciousness and Sustainability and Divyangjan friendly initiatives .The Institution has facilities and initiatives for**



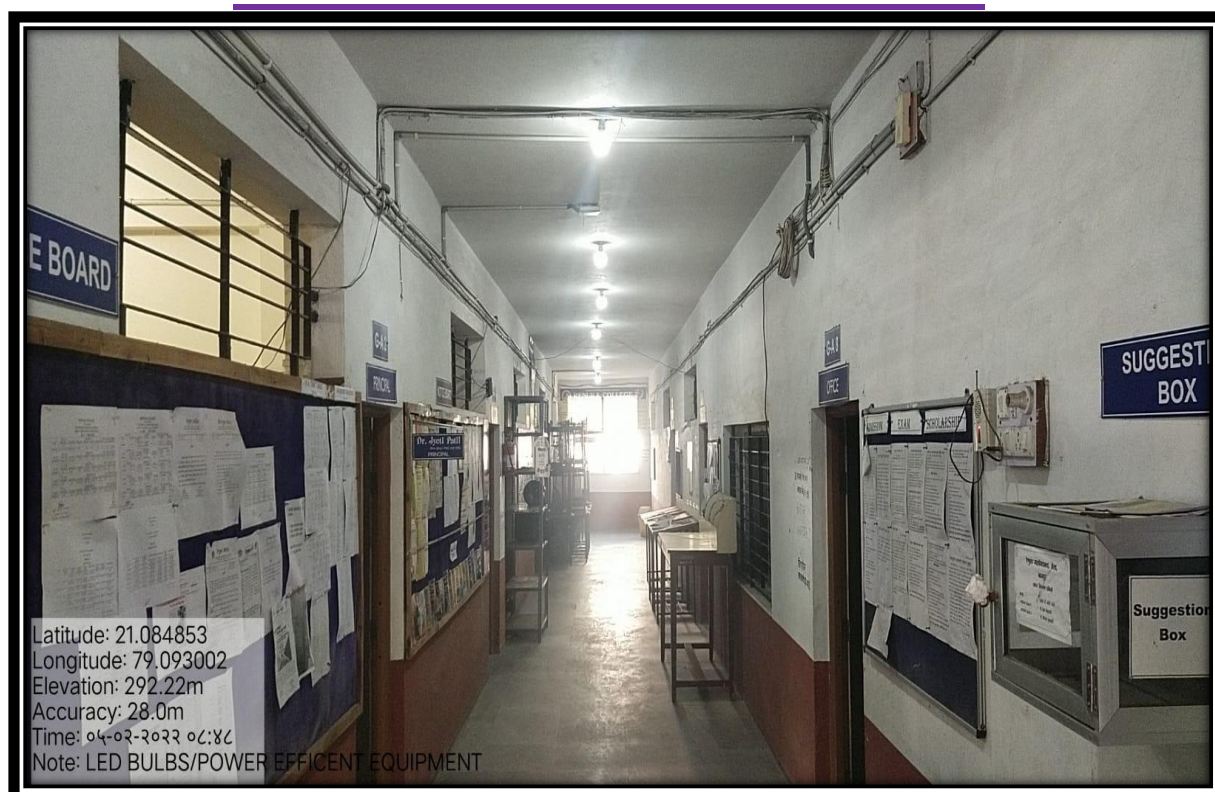
# 1. Alternate sources of energy and energy conservation

“Energy is a Nation’s Important Resource” College in view of this statement energy conservation. Some policy has been drafted to make sustainable use of energy.

Excessive electricity will not be consumed therefore various measures have been taken by the college to save electricity. They are as follows.

- In college only LED and CFL light are used which reduces the consumption of energy.
- To save water consumption in the college AQUATECH water Aquacom Systems has been installed which automatically shuts off the machine when the tank is full. It saves water and electricity
- For drinking water in college Automatic water cooler is installed, it also saves energy and water.

## USE OF LED AND CFL BULBS



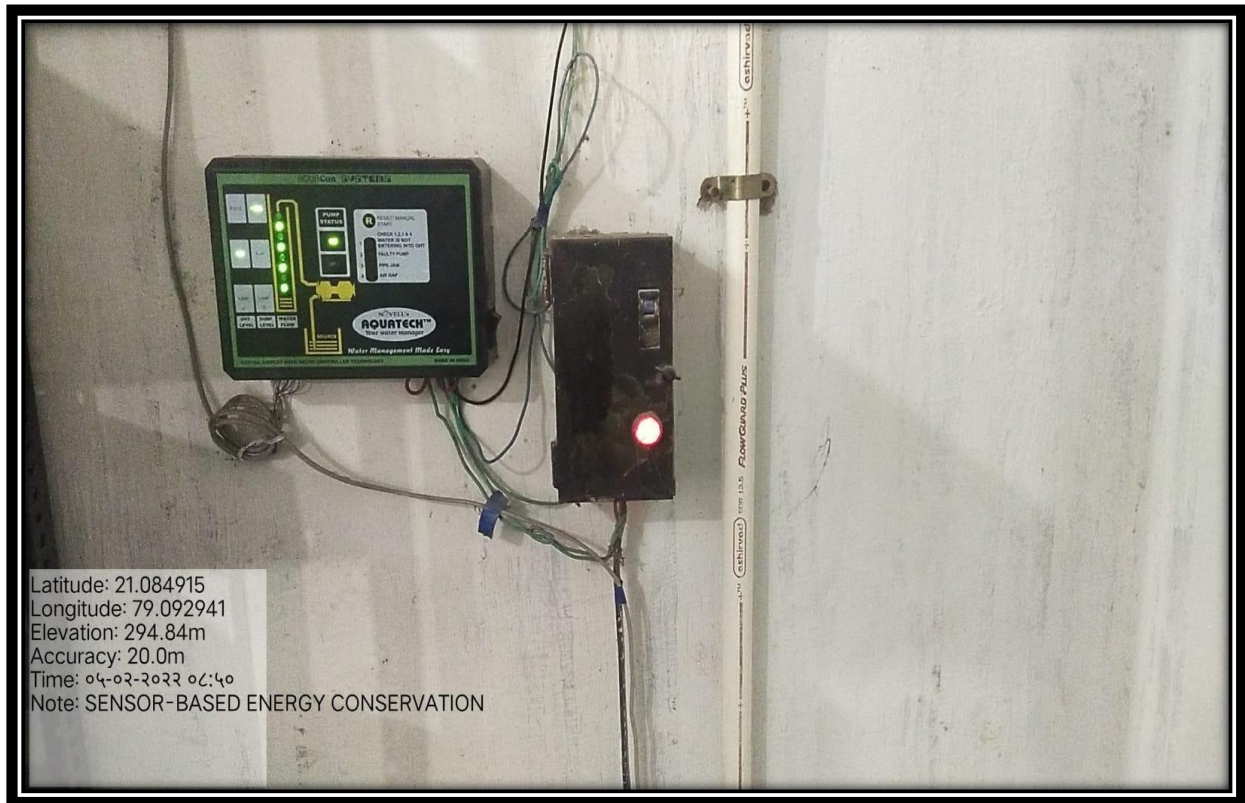


## USE OF LED BULBS / POWER EFFICIENT EQUIPMENT





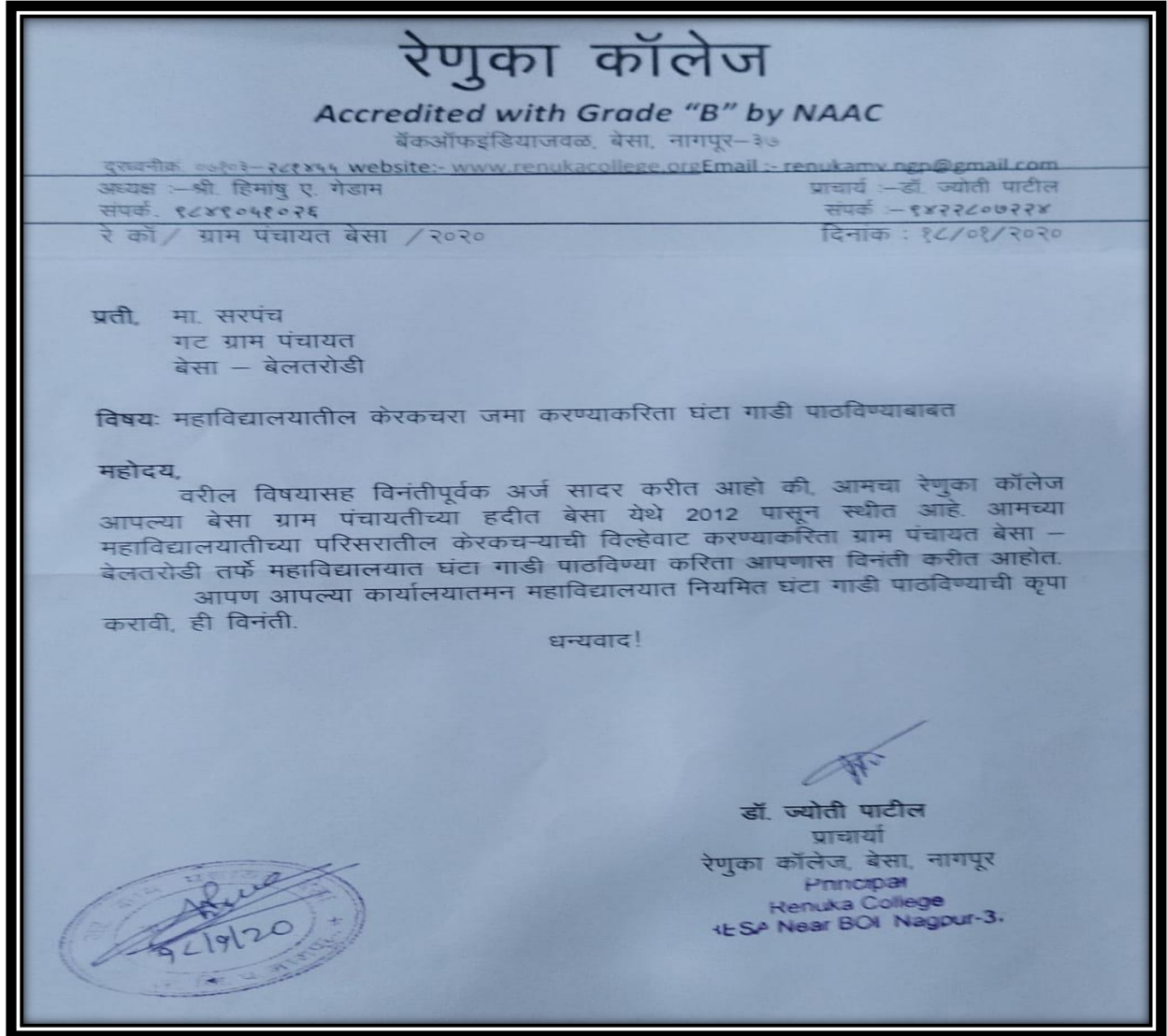
## SENSOR- BASED ENERGY CONSERVATION



## Save Energy and Water



## 2. Management of the various types of degradable and non-degradable waste



### Summary of the Letter

**To**

**The Sarpanch**

Gram Panchayat Besa- Beltarodi

Nagpur

**Sub:** Send waste pick up vehicle to the college for collecting the waste

Renuka College is located in Besa Gram Panchayat Besa- Beltarodi since 2012. We request you to send waste pick up vehicle to the college to pick up waste from the premises of our college for safe disposal of waste.



निर्मल ग्राम  
कार्यालय गट ग्रामपंचायत

**बेसा - बेलतरोडी**  
पंचायत समिती नागपूर, जि. नागपूर

श्री. सुरेन्द्र बानार्डत सरपंच  
श्री. जितेंद्र चांदूरकर उपसरपंच  
श्री. गजानन बा. खरपुरीया ग्रामविकास अधिकारी

✽ सभासद ✽

श्री. रमेश अतकरे - सदस्य  
श्री. गजानन बानार्डत - सदस्य  
श्री. सुनील सोनटक्के - सदस्य  
श्री. उमेश भलमे - सदस्य  
श्री. मुकेश काळे - सदस्य  
श्री. अविनाश उदावंत - सदस्य  
सौ. माधवी राजुरकर - सदस्या  
सौ. नंदा इंगळे - सदस्या  
सौ. सिमा गडपांडे - सदस्या  
सौ. शालिनी कंगाली - सदस्या  
सौ. अनिता कडू - सदस्या  
सौ. सिमा त्रिनगरीवार - सदस्या  
सौ. कल्पना सुके - सदस्या  
सौ. गंगा गोल्हर - सदस्या  
सौ. दिपिका चव्हाण - सदस्या  
सौ. लता इंगळे - सदस्या

जावक क्र.:

**प्रमाणपत्र**

गट ग्राम पंचायत बेसा कडून प्रमाणित करण्यात येते की, रेणुका कॉलेज बेसा ग्राम पंचायतीच्या हद्दीत बेसा येथे स्थित असून ग्राम पंचायत बेसा द्वारे महाविद्यालय मधुन निघणारा ओला व सूखा कचऱ्यांची घंटागाडी मध्ये उचल ग्राम पंचायत द्वारे करण्यात येत असून ग्राम पंचायत घनकचरा व्यवस्थापन प्रकल्पात कचऱ्याची विल्हेवाट लावण्यात येते.

करिता सबब प्रमाणपत्र देण्यात येते.

*[Signature]*  
सरपंच  
ग्राम पंचायत बेसा।

ग्राम पंचायत बेसा  
जि.क्र.  
दि. 20/11/2020  
कार्यालय पं.स.नागपूर

### Summary of the Letter

### CERTIFICATE OF ACKNOWLEDGEMENT

It is certified that the waste is collected from Renuka College, Besa, Nagpur. The dry and wet waste are properly managed by the college. It is picked up from the college and is disposed in eco-friendly way by Besa Gram.

## Ban on use of Plastic













### 3. Water Conservation

Rain Water Harvesting System is installed in the College. It is used to store water in the tank which is used to water the plants in the campus. It is also used to send the water in the ground. It has helped to increase the ground water level around the college. It has been favourable for the growth of the plants around the premises of the college. When there was no corporation connection of water, the rain water was used for washing and cleaning. Now the water connection of corporation has been installed so the rain water is used for only for watering the plants around the campus and to increase the ground water level consequently it has provided green cover around the campus.

#### RAIN WATER HARVESTING









## 4. Green Campus initiatives

Our college is situated in the area where there are fewer trees around the college, so we have taken the initiatives of planting trees on the occasion of events, festivals and commemorative days. We have planted trees in and around the campus of our college. Now the place is covered with greenery and the trees which we have planted are now have grown into big trees. They provide us shade and fruits and shelter to the birds and insects. It also helps to improve ground water level.






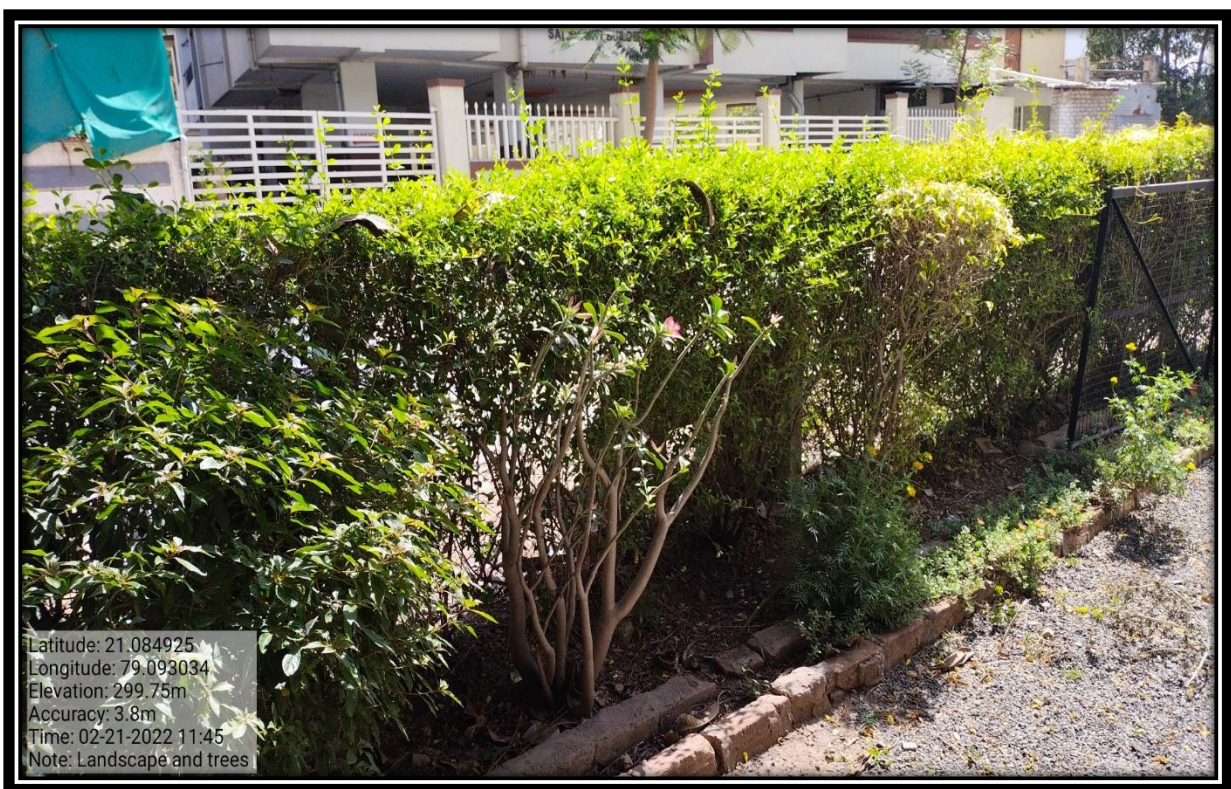
## Tree in Campus premises

Sr. No	Tree Name (Marathi)	Tree Name (English)	Tree Name (Biological)	Quantity
<b>Fruit Trees</b>				
01	सीताफल	Custard Apple	Annona reticulata	05
02	लिंबू / लींबू	Lemon	Citrus Limon	02
03	जांभू / पेरू	Guava Fruit	Guava Fruit	05
04	रामफल	Annona Reticulata	Annona Reticulata	01
05	केळी	Banana	Musa	01
06	आंबा / आम	Mango	Mangifera	01
07	बेल	Bale	Aegle Marmelos	02
08	चीचबीलाई	Jangal jilebi	Pithecellodiom Dulce	01
<b>Flower Trees</b>				
01	कनेर	Cascabela Thevetia	Cascabela Thevetia	03
02	चाफा	Champa	Champa	03
03	टिकोमा	Tikoma	Tikoma	06
05	गुलमोहर	Gulmohar	Delonif Regia	02
06	सप्तपर्णी	Devils Tree		03
<b>Other Trees</b>				
01	मोह	Madhuka Longifolia	Madhuka Longifolia	03
02	अशोका	Ashoka	Saraca Ashoka	06
03	बाबूळ	Babul Tree	Acacia Arabica	01
04	कळूलीम	Neem Tree	Azadirachta Indica	07

  
IQAC Coordinator  
Renuka College,  
Besa, Nagpur-37



  
Principal  
Renuka College  
BESA Near BOI Nagpur-37





## Landscaping with trees and plants







## Greenery in the college premises









## 5. Disabled-friendly, Barrier free environment

The college has prepared some important rules and regulations to ensure that the disabled students do not face any problem in the college. Accordingly, facilities are provided to disabled students.

- A ramp has been arranged at the main entrance of the college.
- Classrooms have been arranged for disabled students on the lower floor of the college.
- Separate toilets have been arranged for disabled students to get concessions.
- The college has arranged wheelchairs for disabled students who have difficulty moving from one place to another.

### Disabled – Friendly, Ramp





## Disabled – Friendly





## Disabled – Friendly



## Disabled – Friendly Washroom







## Expenditure Bill

Estimate Memo  
**KANO**  
Ideas with value


MS: Renuka College, Besa, Nagpur Date: 12/7/22

Sr. No.	Description	Qty.	Rate	Amount
1	9 W Bulb	2m		480/-
2	3 W Bulb	2m		60/-
				540

GLAM



Principal  
Renuka College  
BESA Near BOI Nagpur-37


**LEDVANCE.IN**  **LEDVANCE**

ESTIMATE MEMO *B.A.*

To, M/s. *Renuka College Besa Nagpur* Date: *10/10/2019*

S. NO.	PARTICULARS	QTY.	RATE	AMOUNT
①	18. W. Ledom	2	240	480
②	9 W. Ledom	1	100	100
				580

न्यू फ्रेंड्स इलेक्ट्रिकल्स  
जयंती नगरी पच्चा समोर, बेसा नागपूर  
निखिल बंजारी मो. 9657879106

**LEDVANCE.IN**  **LEDVANCE**

ESTIMATE MEMO *B.A.*

To, M/s. *Renuka College Besa Nagpur* Date: *10/10/2019*

S. NO.	PARTICULARS	QTY.	RATE	AMOUNT
①	18. W. Ledom	2	240	480
②	9 W. Ledom	1	100	100



*[Signature]*  
Principal  
Renuka College  
BESA Near BOI Nagpur-37



**VINAY**  
ELECTRICAL ACCESSORIES  
Estimate / Quotation

No. B.com.  
Date 2/11/19

M/s. रेणुका कॉलेज  
Address बेसा

S. No.	Particulars	Qty	Rate	Amount
1)	9W LED Orient Lamp	10 No		1100 = 20
2)	15W lamp	4 No		60 = 20
3)	Mippo Sacle	4 No		48 = 20
				<u>1208 = 20</u>

**SURENDRA ELECTRICALS**  
Plot No. 37, Gayatri Lay-Out,  
Ravati Nagar, Besa, Nagpur  
(M) 9372303628

**MyGetwellstore**  
(More to Family Care)  
A Unit of Bajaj Life Care

**CASH MEMO**  
Subject to Nagpur Jurisdiction Only

VAT TIN NO. 2756/1727204  
D.L. No. 25-MH-NAG-148748  
20-BMH-NAG-148748  
21-MH-NAG-148747  
21-BMH-NAG-148749

23, Chokhani Bhaman, Beside Hotel Center Point, Central Bazar Road, Ramdaspathi, Nagpur - 440 010  
Ph. No. 0712-2429700 M. 9422101038 Email: support@mygetwellstore.com Website: www.mygetwellstore.com

Invoice No.: 064  
Date: 30/06/2016

Patients Name Renuka College, Besa Ngg. Prescribed By \_\_\_\_\_  
Address \_\_\_\_\_ Mobile \_\_\_\_\_

No.	Descriptions	Mtr. By	Mtr. Date	Exp. Date	Qty	Rate	Amount
1.	Rain bow - 6 Commode wheel chair	Kar.			1	5200/-	5200/-
2	Stretcher	Am			1	2300/-	2300/-
						Vat @ 12.5%	287/-
Rs. in words <u>Seven thousand seven hundred eighty seven</u>						TOTAL	<u>7787/-</u>

I/We hereby certify that my/our registration certificate under the Maharashtra Value Added Tax 2002 is in force on the date of issue of this invoice and that the transaction of sale covered by this invoice has been effected by me/us and I shall be accounted for in the turnover of sales while filing of return and the due tax if any payable on the sale has been paid or shall be paid.

Thank you and wish you to Get Well Soon E. & O. E. See Terms & Conditions on back side Signature of Qualified Person (Q. P.)



[Signature]  
Principal  
Renuka College  
BESA Near BOI Nagpur-37

