

R.V. Institute of Management

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**Centre for Social Responsibility**

# **Green Audit**

## **INTERIM REPORT- 1**

*Green Audit for the Year 2015 was initiated with the permission of Respected Director. The complete report shall be submitted during First Week of April 2015*

*This Interim Report shall provide the overview of the preliminary findings and the stages of the audit with progress NOTE.*

**Documentation: IQAC**



**The philosophy and practice of green concepts are deep rooted in RVIM since inception. The structure and design of the building, class rooms, corridors, tapping natural light ,rainwater harvesting, waste disposal methods, water conservation practice are all imbibed in the campus.**

The practice of green audit is been formally launched in this academic year of 2015 to benchmark the practice and march towards compliance of future legal frame work that is most likely to happen due to similar to the lines of The Companies Act,2013, CSR Clause 135. Hence RVIM takes privilege in inculcating the students towards green practice in daily life by providing them opportunity and formal platform to work on these initiatives through research, awareness campaign, posters making and slogan writing, photography ,art work, documenting best practices and so on.

This Interim Report-1 is submitted to Respected Director to provide the overall precise information about the project, scope, contents adopted for evaluation, present status and the future task to be accomplished.

**Audit Conducted by**

**A.Chandran,B.E.,MBA,M.Phil**

Faculty in General Management  
& Coordinator,RVIM Centre for Social Responsibility  
Lecturer\_chandran@hotmail.com, chandran@rvim.in  
Ph-9449828204

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**Student Volunteer**

**Maimom Sundar Singh, Graduate Engineer and Pursuing MBA in RVIM**

maimomtamun@gmail.com  
Ph no: 9964366371

## Green Audit at RVIM

Green Audit refers to official examination of the effects of the organization on the environment, especially in measuring the damage caused to the ecology.

RVIM is predominantly an academic institution and the scope of the audit limits to the campus environment and the people footprints. The people group formed is faculty, students and visitors. The material coverage shall include papers, covers, plastic and metal stationeries, calculators, computer laptops and food containers and accessories for materials carriage to name a few. The food and pantry utensils are audited to provide a usage pattern. Few important aspects of health and medical disposals of the Health Room/Sick Room are also made.

The areas of present audit coverage is :

- Waste minimization and recycling
- Greening the environment
- Animal welfare
- Water conservation
- Energy conservation

Carbon footprint calculator is used to measure an estimate of how many tons of carbon dioxide and other green house gasses are created each year.

The use Calculator of Santa Clara University, Markkula Centre for Applied Ethics is done to arrive at the consumption pattern and equation of transportation vehicles, mobile phones and I pods.

The student volunteers of Centre for Social Responsibility in RVIM Campus are utilized for basic assessment purpose and to sensitize the students on various issues of Green Audit. The audit is Internal Audit.

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## Introduction

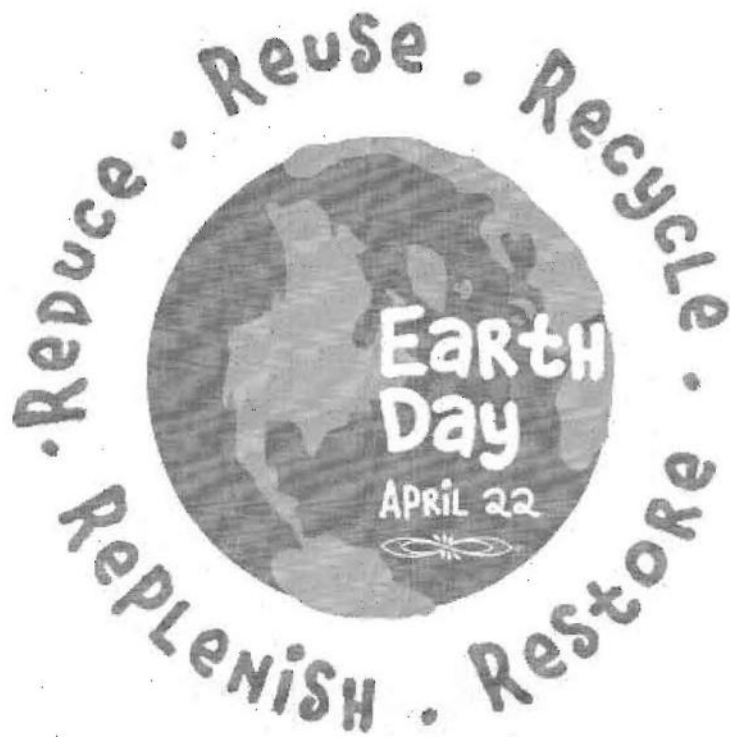
The inputs for green audit in RVIM campus is focused on the formal documentation of practice, questionnaire, interviews & observation. The sequence is in Table 1

Stage	Date	Task	Status	Remarks
I	27.1.2015	Lighting and fan in 2 <sup>nd</sup> and 3 <sup>rd</sup> Floor. Corridor and Gents Toilet	Completed	
II	2.2.2015	Lighting and fan in 1 <sup>st</sup> and ground basement Floor. .Corridor and Gents Toilet	Completed	
III	6.2.2015	Green Audit Questionnaire to students of I Semester	Completed	Questionnaire administered after examination
III	7.2.2015	Green Audit Questionnaire to students of III Semester	Completed	Questionnaire administered after examination
IV	25.2.2015	Green Audit interview with helping staff, attender , scavenger		
V	26.2.2015	Green Audit Questionnaire to Teaching and Non-Teaching Staff		
VI	3.3.2015	Interview with Canteen staff, RVIM Pantry		
VII	6.3.2015	Computer Lab Energy Conservation Practice-Interview and observation		
VIII	7.3.2015	Waste disposal		Proposed segregation with container labeling
XI	13.3.2015	Closing of questionnaire for RVIM Visitors		The questionnaire shall be placed at entrance from 1.3.2015
X	20.3.2015	All miscellaneous work and safety practice documentation		

**The final Green Audit Report shall be submitted to Respected Director on April 22, 2015 during RVIM- CSR Programme on World Earth Day.**

### **Preliminary observations and recordings**

- There is enough natural lighting across II and III Floor.
- Few curtains need to be slide opened to receive more light. The student volunteers of that class shall be informed to carry out this job.
- The common switches for tube light are identified. Students to be informed to keep this switch OFF during day light. The Volunteers shall take responsibility to create poster instruction in all such places.
- Toilets shall have energy and water conservation posters .The responsibility shall be taken by students.
- Every student shall be informed regarding their responsibility to keep the lighting and fan switches OFF when not required.
- Most of the responses in the student questionnaire for Green Audit are indicating good initiatives adopted. A good number of students preferred to walk to campus rather than using a vehicle. There seems a tendency among I Semester students to opt cycling for reaching the campus. How ever this number is very small.



**RVIM-CSR to submit the Green Audit Report to Respected Director on April 22, 2015**

R.V. Institute of Management  
Bangalore

GREEN AUDIT QUESTIONNAIRE FOR STUDENTS

This questionnaire is to be filled by students in RVIM campus. Please ensure that you can spare few minutes to give the best of known information. Don't attempt to scribble off with 'NO TIME' excuse. Thank You .It takes 10 min. only.

University Register Number:----- Class & Section -----

1. How do you commute to reach RVIM campus most often ?

- Bus     Two wheeler petrol     Two Wheeler electric battery     Bicycle  
 Four wheeler petrol     Four wheeler diesel     Four wheeler electric     Taxi  
 Walk     Auto     I DON'T KNOW     Others

2. How far is your home/place of living/hostel/PG? (In Bangalore, In Kms.) \_\_\_\_\_

3. When you enter the campus and class rooms ,are you concerned if paper bits, packing covers, or any waste is on The floor?

- Yes     No     Sometimes     Never at all     I DON'T KNOW

4. In normal course of stay in the campus ,can you recollect the materials that you have put in the dust bin ?

*You can tick more than one*

- Waste paper     used pens     used batteries     Plastic covers     used pencils     Food waste  
 Used CDs     Chocolate wrappers

Any other -Please mention \_\_\_\_\_

5. Do you find lot of plants and flowers in the campus being hurt OR destroyed by way of plucking/stamping- to harm their growth and plant life?

- I DON'T KNOW     Yes     No

6. When you find water in toilets running waste -Do you take action to close the tap immediately?

- Yes     No     NOT AT ALL

7. When you find lights, fans, are switched on unnecessarily – Do you take action to switch off immediately?

- Yes     No     NOT AT ALL

8. No animals, birds, insects, butterflies ETC. are harmed in the campus.

Do you agree to the above statement?     Yes     No     To some extent

9. Your slogan for Green Campus/Suggestion for Conservation

\_\_\_\_\_

## Environmental Audit

### Part 1 Lighting and Fan

RVIM Campus 2<sup>nd</sup> floor and 3<sup>rd</sup> floor

(Corridor and Gents Toilet)

Environmental Audit (Internal) was carried out by Prof.A.Chandran, Faculty in Department of General Management & Coordinator, RVIM Centre for Social Responsibility with the permission of Respected Director. Student Trainee Maimom Sundar Singh, III Semester MBA & Volunteer RVIM-CSR engaged his time to support the basic work in the process . The first stage covering 2<sup>nd</sup> and 3<sup>rd</sup> floor was carried out on 27 January 2015.

No. of Tube Light			
Sl.no	code	Remarks	Suggestion
1	TFCT1	Natural light preferred during morning time up to 3pm.	To inform student not to switch on the light during morning.
2	TFCT2	Natural light preferred during morning time up to 3pm.	To inform student not to switch on the light during morning.



3	TFCT3	Natural light preferred during morning time up to 3pm.	To inform student not to switch on the light during morning.
4	TFCT4	Natural light preferred during morning time up to 3pm.	To inform student not to switch on the light during morning.
5	TFCT5	-	-
6	TFTT6	Need to repair switch	Required the name plate "Use when you Required"
7	TFTT7	Natural light preferred during morning time up to 2pm	To inform student not to switch on the light during morning.
8	TFTT8	-	-
9	TFTT9	-	-
10	SFCT1	Natural light preferred during morning time up to 3pm.	To inform student not to switch on the light during morning.
11	SFCT2	Need to segregate as one switch one tube light.	Required the name "Use when you Required"
12	SFCT3	-	-
13	SFCT4	-	-

14	SFCT5	-	-
15	SFCT6	-	-

No. of FANS			
SL.NO	Code	Remarks	Suggestion
1	TFTF1	-	-
2	TFTF2	-	Required the name plate "Use when you Required"

TFCT1: Third Floor Corridor Tube light 1....7

TFTT8: Third Floor Toilet Tube light 8, 9

SFCT1: Second Floor Corridor Tube light 1..6

TFTF1: Third Floor Toilet 1,2

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**A.Chandran, B.E., MBA, M.Phil**  
 Faculty in General Management  
 & Coordinator, RVIM Centre for Social Responsibility  
 Lecturer\_chandran@hotmail.com, chandran@rvim.in  
 Ph-9449828204

#### Student Volunteer *Maimom*

**Maimom Sundar Singh, Graduate Engineer and Pursuing MBA in RVIM**  
 maimomtamun@gmail.com  
 Ph no: 9964366371

## Environmental Audit

### Part-2 Lighting and Fan

#### RVIM Campus 1st floor and Ground floor (Corridor and Gents Toilet)

Environmental Audit (Internal) was carried out by Prof.A.Chandran, Faculty in Department of General Management & Coordinator, RVIM Centre for Social Responsibility with the permission of Respected Director . Student Trainee Maimom Sundar Singh, III Semester MBA & Volunteer RVIM-CSR engaged his time to support the basic work in the process. The second stage covering first floor and ground floor was carried out on 2nd February 2015.

The Part-2 containing information on lighting and fan is provided as preliminary information and basic audit input.

No. of Tube Light			
Sl.no	Code	Remarks	Suggestion
1	FFCT1 and FFCT2	Need to ON the light during working hour.	one advantage here, one switch have 2 tube light.
2	FFCT3 and FFCT4	Need to ON the light during working hour.	One advantage here, one switch have 2 tube light.
3	FFCT5 and FFCT6	Need to ON the light during working hour.	One advantage here, one switch have 2 tube light.
4	FFCT7 and FFCT8	Need to ON the light during working hour.	One advantage here, one switch have 2 tube light.

5	FFCT9,FFCT10 and FFCT11	Need to ON the light during working hour.	One advantage here, one switch have 3 tube light.
6	FFCT12,FFCT13 and FFCT14	Need to ON the light during working hour.	One advantage here, one switch have 3 tube light.
7	GFCT1,GFCT2 and GFCT3	Need to ON the light during working hour.	One advantage here, one switch have 3 tube light.
8	GFCT4,GFCT5 and GFCT6	Need to ON the light during working hour.	One advantage here, one switch have 3 tube light.
9	GFCT7,GFCT8 and GFCT9	Need to ON the light during working hour.	One advantage here, one switch have 3 tube light.
10	FFTT1 and FFTT2	-	Required the name plate "Use when you Required"
11	GFLL1	-	Required the name plate "Use when you Required"

No. of FANS			
SL.NO	Code	Remarks	Suggestion
1	FFCF1	-	Required the name plate "Use when

			you Required”
2	FFCF2	-	Required the name plate “Use when you Required”
3	FFTF1	-	Required the name plate “Use when you Required”

FFCT1 : First Floor Corridor Tube light 1....14

GFCT1: Ground Floor Toilet Tube light 1...9

FFTT1 : First Floor Toilet Tube light 1,2

FFCF1 : First Floor Corridor Toilet 1,2

FFTF1 : First Floor Toilet Fan 1

GFLL1 : Ground Floor Lime Light 1

### Audit Conducted by



**A. Chandran, B.E., MBA, M.Phil**

Faculty in General Management

& Coordinator, RVIM Centre for Social Responsibility

Lecturer\_chandran@hotmail.com, chandran@rvim.in

Ph-9449828204



### Student Volunteer

*Maimom*

**Maimom Sundar Singh, Graduate Engineer and Pursuing MBA in RVIM**

maimomtamun@gmail.com

Ph no: 9964366371