

# SHREYAS QUALITY MANAGEMENT SYSTEM

(CDC ,GOI ACCREDITED,ISO9001:2015,14001:2015 &OHSAS18001CERTIFIED;EMPANELLED LEAN MANUFCAURING)

## Training & Consultancy for

- ◆ TQM - Quality Award, Quality Cost, SQC
- ◆ ISO 9001;ISO 14001 EMS,ISO50001EnMS, OHSAS 18001
- ◆ ISO 17025 (NABL Accreditation), TS16949, Six Sigma

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## Green Audit First Surveillance Report



**CONDUCTED BY :**  
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## **Executive Summary:**

The rapid urbanization and economic development at local, regional and global level has led to several environmental and ecological crises. On this background it becomes essential to adopt the system of the Green Campus for the institute which will lead for sustainable development.

Shri Ramdeobaba College of Engineering and Management is deeply concerned and unconditionally believes that there is an urgent need to address these fundamental problems and reverse the trends. Being a premier institution of higher learning, the college has initiated 'The Green Campus' program and actively promote the various projects for the environment protection and sustainability.

The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the Green Policy adopted by the institution. It works on the several facets of 'Green Campus' including Water Conservation, Tree Plantation, Waste Management, Paperless Work, Alternative Energy and Mapping of Biodiversity. With this in mind, the specific objectives of the audit are to evaluate the adequacy of the management control framework of environment sustainability as well as the degree to which the Departments are in compliance with the Green Policy. It can make a tremendous impact on student health and learning college operational costs and the environment. The criteria, methods and recommendations used in the audit were based on the identified risks.

### **Vision**

Shri Ramdeobaba College of Engineering and Management envisage the institute par excellence, providing world class technical and management education.

### **Mission**

To impart quality education in the field of Engineering and Management and to foster mutually beneficial relationship with industries to create an intellectually stimulating environment for learning, research and for promoting professional and ethical values.

### **Quality Policy**

Shri Ramdeobaba College of Engineering and Management is committed to

achieve exemplary standards in Engineering and Management Education.

We aim at continuous improvement of all our processes and will strive to provide an environment conducive to the pursuit of knowledge and overall personality development.

We encourage all to adhere to the highest ethical standards and professional integrity and aim to enhance the satisfaction level of all stakeholders.



### **Acknowledgements:**

Dr N S Raman, Environmental Specialist and Mr M M Naveed, Sr. Consultant SQMS, Nagpur conducted surveillance audit (Green Audit) of the Shri Ramdeobaba College of Engineering and Management for.



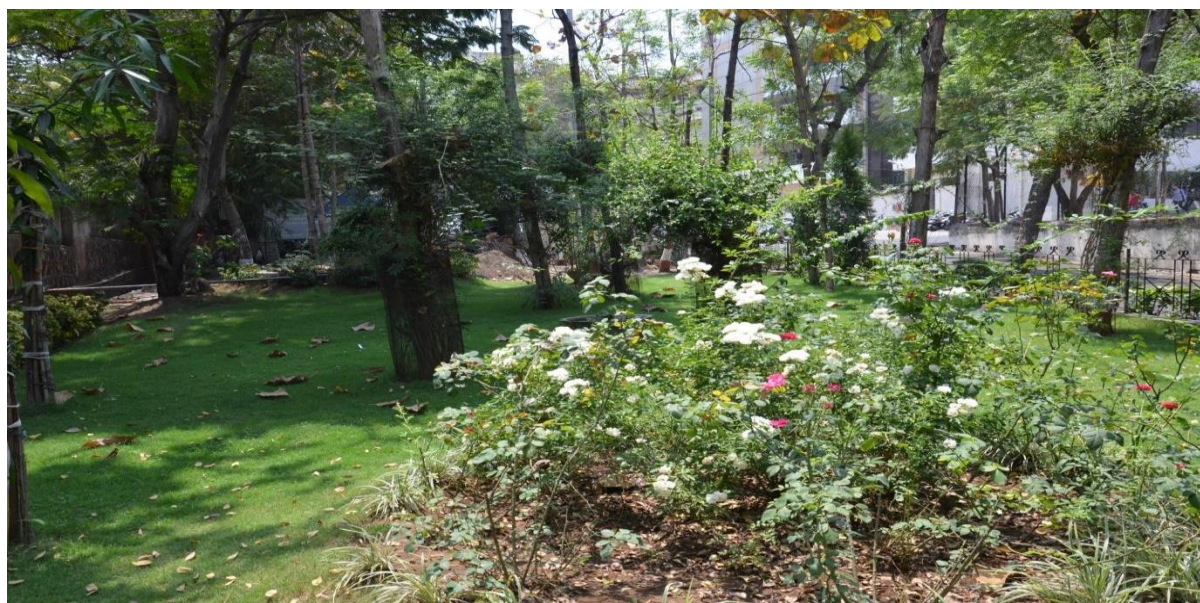
**Green Audit Certificate No.** SQMS/CERT/GA/18-19/01 date.30.03.19

Validity upto 29.03.19.

**Date of Surveillance Audit:** 23.10.2019.

**Area Audited:**

1. Waste Management including E-Waste
2. Water Management
3. Garden Area
4. Energy Saving/Management



**Good Points:**

1. College has formed the team of faculty and student as REEF which works to maintain biodiversity on the campus and also participates in preventing pollution in society through various drives.
2. College has installed solar panels and increasing its capacity on regular basis.
3. College has a system of e- waste disposal through authorized agency.
4. Tree plantation at college premises is taking place and encourages students to plant the trees.
5. College has Vermicomposting facility installed.
6. College has installed sewage treatment plant for the purification of entire effluent water collected from the college.

Following recommendations were made during the green audit (Surveillance) ;

1. Composting to be done in dynamic way as now it is done in a very raw manner. A separate pit to be developed.
2. Dumping area must be properly identified and unwanted material lying there to be removed. Also area for wet and dry waste to be properly identified.
3. E- Waste to be properly collected from all the departments where it is generated and to be stored at identified locations. Presently it is done at MIS where only computers and printers are being stored but other e Waste generated at electronic departments are not reaching to the MIS section.
4. Disposal of E-Waste mechanism to be display in electronic departments and other departments where it is generated. More over the awareness to be spread among the staff, students.
5. Ensure proper disposal of FeCl<sub>3</sub> from EDT Lab .
6. Suitable exhaust to be made operative in EDT lab for the removal of FeCl<sub>3</sub> fumes.
7. Student awareness to be enhanced for green environment and also for disposal of e-waste.
8. Waste collecting area for wooden to be defined in industrial workshop.
9. Department wise battery list to be prepared and also its mechanism for disposal.
10. Drive for random checking of PUC to be initiated at regular intervals.
11. Ambient air quality of college premises to be checked as college witnessed more than 4000 vehicles every day.
12. Electrical Earthing checkup of entire college, building wise, lab wise to be done.
13. Water used by departments to be monitored by installing water meter at every building particularly in canteen and mess where use of water is more. (Water balancing).
14. Every month the amount of water cess received by the lab to be made available.
15. Use of energy by individual buildings/labs/ hostels to be made available.

16. Internal audit for energy to be done by college itself, required to keep the record of it and recommend to be done from external agency once.
17. The process of disposal of sanitary napkin through incinerator to be established.
18. D G stacks monitoring /Exhaust gas analysis not being done.
19. More and more poster related to green environments as per suitability to be displayed in the college campus.
20. A short training for green audit for staff members to be arranged.
21. The various recommendations made on earlier audits needs to be complied.
22. Estimation of carbon footprint can be done by the institute.

The management is advised to provide the compliance to the audit findings. Based on the proposed compliance action the letter for continuation of green certificate will be issued.

18-11-2019

DIRECTOR  
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