

RAJ ENERGY SERVICES

dedicated in energy Conservation

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ENERGY AUDIT, ENVIRONMENTAL AUDIT & GREEN AUDIT CERTIFICATE

This is to certify that M/s. Raj Energy Services has conducted Energy Audit, Environmental Audit & Green Audit of Seth R.C.S. Arts & Commerce College, Durg and submitted report under their Policy for Green Campus of the Institute.

Name of the Educational Institute	Seth R.C.S. Arts & Commerce College Utai Road, Near Ravishankar Shukla Stadium, Durg, Chhattisgarh, PIN 491001
Contact Details	0788-2322457, 98262-08979 E- Mail: rcscollege1964@gmail.com Website: https://www.rcscollege.com
Name of Principal	Dr. G. N. Katahare
Details of facilities Audited	Office, all departments, computer labs, classrooms, Seminar Hall, Yoga Hall, Library, Electrical Systems, and complete installations including Rain Water Harvesting System etc.
Date of Audit Conducted	15 th , 16 th & 17 th April 2022
Name of Certified Energy Auditor	Sanjay Kumar Mishra
Registration Number	EA- 8696

For, Raj Energy Services

Date: April 27, 2022

(Sanjay Kumar Mishra)

Certified Energy Auditor from Bureau of Energy Efficiency, Ministry of Power, Government of India, New Delhi
EA- 8696



Principal
Seth R.C.S. Arts & Comm
College Durg (C.G.)

11. ANNEXURE

Green Campus Policy:


A Green Campus is a place where environmentally friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social, and economic needs of mankind.

Objectives

The first step of the Green Campus Programme involves establishing a viable Green-Campus Committee, within the organizational structure of the College. Hence, to give this initiative more clarity and authenticity, we now roll out a Policy Document spelling out the strategies, plans and other allied tasks to make this Program functional officially. We believe that greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling program. The administration of the College believes that everyone must work out the time bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. Every individual of the college campus will work, may he/she be a student, faculty, and support staff to foster a culture of self-sustainability and make the entire campus environmentally friendly.

The Green Campus Initiatives (GCI) will enable the institution to develop the campus as a living laboratory for innovation.




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(A) Composition of the Green Club/ Green Campus Committee.

1. Chairman of the College – Chairperson
2. Principal of the college- Vice Chairman
3. IQAC Coordinator- Secretary
4. Faculty Representative nominated by the principal
5. Student Representative- General Secretary of the college
6. Non-Teaching Staff Representative- Office Superintendent
7. Parent Representative- Secretary of the Parent Teacher Association
8. Industry Representative- Member of Alumni Association

(B) Role of the Green Club

The impetus for a successful Green Campus must begin at the top and emanate throughout the rest of the campus. Without a strong message of commitment and involvement from both the Chairperson and Members of the Committee, well-intentioned initiatives may be too fragmented to allow for college-wide participation. Thus, in view of this, the committee will plan and execute to:

1. Seek views of all the Stakeholders to make the Green Campus initiative functional throughout the year.
2. Conduct the Campus' environmental impacts to identify the targets for improvements.
3. Establish a Green Campus Environmental Ethic Awareness campaigns.
4. Set forth a Green Campus Mission and a Statement of Principles.
5. Link Green-Campus activities to Academics in the College.
6. Organize Awareness Programs for the students, faculty and society.
7. Chart out a yearly planner for the College, local community and Stakeholders like preparation of Green Calendar
8. Develop a strategic plan and create student teams to carry out specific tasks of the strategic plan. For instance, a plan of save energy at the College level with time bound plan to use renewable energy in any form, if feasible.
9. Conduct an Annual Green, Environment and Energy Audit.



A handwritten signature in green ink, appearing to be "S. C."

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10. Purchase only Energy Efficient Computers viz: "ENERGYSTAR" or any other equivalent.

11. Establish public/private partnerships with personnel from federal, state, and local environmental agencies, utilities, and the business community.


12. Evaluate daily operations in terms of pollution prevention, waste stream management, and energy efficiency, reducing, reusing, recycling, and repairing wherever possible.

13. Secure a commitment up front from the people in charge that well-founded recommendations will be acted upon once audits are completed.

(C). Promotion of "Save Energy Tips" in and outside the College:

- Activate power management features on your computer and monitor so that it will go into a low power "sleep" mode when you are not working on it.
- Turn off your monitor when you leave your Table.
- Activate power management features on your laser printer.
- Whenever possible, shut down rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.
- Use LED lights only
- Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
- Use the fans only when they are needed.
- Unplug appliances not plugged into power strips (like TVs, Refrigerators, ACs, tea/coffeepots, printers, faxes, and chargers etc.)
- to create awareness among the students, staff and teachers and equip them for efficient management of all forms of energy, to promote energy efficiency and energy conservation. The club will keen to spread "Energy Conservation Messages" in the society by conducting awareness programmes to students & public.




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(D) Waste Water Management/ Rain water harvesting:

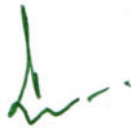
The College has to work in the direction of waste water management. Water flow restrictors on bathroom faucets and showers, low water flow toilets and automated urinal flushers should be used to cut down campus water use. The College will take all necessary measures to implement waste water management /rain water harvesting.

The remaining roof area of college building should also be used for rain water harvesting system.

(E) Major Green Campus Initiatives:

- Installation of Solar Power Station
- Waste water Management/ Rainwater harvesting
- Development of Sewage Water Treatment Plant
- Use of Micro-scale techniques
- Sensor based energy conservation
- Displayed poster on E-waste Management
- Maintenance of water bodies and distribution system in the campus
- MIS to make paperless administration
- Plastic free Campus
- Tree Plantation Drive
- Cleanliness Drive
- Landscaping and gardens
- Use of LEDs only
- Digital Library/ E-Learning Centre
- Organization of sensitization programmes for the stakeholders
- Green, Environment and Energy Audit conducted
- Restricted entry of automobiles




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